

# About This Catalog

## Welcome to Shoreline Community College's Online Catalog!

This Catalog includes information about all academic programs, degrees, certificates, and courses offered at Shoreline Community College. It is designed to help you find the information you need to achieve your educational goals.

You can use the navigation menu on the left to access different sections of the Catalog. Course descriptions are in alphabetical order by class number, and you can click the course name to read more about the class and when it is typically offered.

All program options are listed by area of study, by degree, and by certificate type.

- Click the **Print Degree Planner Icon** for a printable version of information on that page.

You can also use My Program Planner located at the bottom of the navigation menu to save program options, degrees, certificates, and course information for later review.

- Click the **Star Icon** to save items to My Program Planner.

This Catalog also provides you with a guide to the following resources Shoreline Community College offers.

Student Services

Other College Services

## About this Catalog

You can request alternate formats of this Catalog by contacting Student Accessibility Services at (206) 546-4545 or sas@shoreline.edu.

Every effort has been made to ensure the accuracy of the information contained in this catalog. Students are advised, however, that such information is subject to change without notice, and advisors should, therefore, be consulted on a regular basis for current information. The College and its divisions reserve the right at any time to make changes in any regulations or requirements governing instruction in and graduation from the College and its various divisions. Changes shall take effect whenever the proper authorities determine and shall apply not only to prospective students but also to those who are currently enrolled at the College. Except as other conditions permit, the College will make every reasonable effort to ensure that students currently enrolled in programs and making normal progress toward completion of any requirements will have the opportunity to complete any program which is to be discontinued.

**Disclaimer:** Shoreline Community College reserves the right to amend, modify, or revise any provision of this Catalog for (but not limited to) the following reasons:

- a lack of funds to operate a program or course
- a change in policy by the college's administration or its Board of Trustees
- a change in the laws, rules, or regulations of Washington State that govern the operation of community colleges
- unavailability of instructors

Shoreline Community College and its divisions may also update regulations or graduation requirements at any time, affecting both prospective and current students. We will make every reasonable effort to help students who are making good progress complete any program that might be discontinued.

**Limitation of Liability:** The College's total liability for claims arising from a contractual relationship with the student in any way related to classes or programs shall be limited to the tuition and expenses paid by the student to the College for those classes or programs. In no event shall the College be liable for any special, indirect, incidental, or consequential damages, including but not limited to loss of earnings or profits.

Shoreline Community College does not give commissions, bonuses, or other incentives based directly or indirectly on success in securing enrollments or financial aid to persons or entities engaged in any student recruiting or admission activities or in making decisions regarding the award of student financial assistance.

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# Message from the President

# / Mensaje del Presidente

**Welcome Bienvenidos** ກິນຊຸນ ຊຳນັດ ມາດຢຸ/໊ 欢迎

Whether this is your first quarter, or you are a continuing student, we want to officially welcome you to your community college. I say "your" community college because I want to remind you that you belong here and that we are here to ensure your success. We are so fortunate to have you with us and in such a diverse community at Shoreline. Our students speak multiple languages, have various interests and strengths, come from diverse places and all have one common purpose: To learn, develop and be equipped with new skills to live within a complex and ever-changing world.



**Welcome Bienvenidos**, ກິນຊຸນ ຊຳນັດ ມາດຢຸ/໊, 欢迎

Queremos darles la más cordial bienvenida a su instituto de enseñanza superior, tanto si este es su primer trimestre como si son alumnos regulares. Digo "su" instituto porque quiero recordarles que este es su lugar y que estamos aquí para ayudarlos a alcanzar el éxito. Nos sentimos muy afortunados de tenerlos en Shoreline como parte de nuestra comunidad tan diversa. Nuestros alumnos hablan muchos idiomas, tienen diversos intereses y fortalezas, vienen de distintos lugares y todos tienen un interés común: aprender, formarse y adquirir nuevas habilidades para vivir en un mundo complejo y en constante cambio.

**Change Cambio** ມາດຢຸ ກິນຊຸນ ກິນຊຸນ 改变

**Change Cambio** ມາດຢຸ ກິນຊຸນ ກິນຊຸນ 改变

It probably sounds a little old-fashioned, but I can tell you first hand that college will change your life. I was the first person in my family to complete a bachelor's degree. And not only did that degree (and the degrees that followed) open doors for me and my family, the experiences helped change who I am as a person. As you take classes at Shoreline, you will meet dedicated faculty with expertise in everything from automotive to film production to nursing, biotechnology (and more!). You will have experiences in the classroom that not only provide you with new knowledge, but will help you think critically and learn about yourself and the community in the process. You will work with staff who want to help you get every question that you have answered and ensure you are on the right path. You will also meet other students who will inspire you on the athletic field, move you during a concert performance, impress you in an engineering course and become some of the best friends you will ever have.

Tal vez suena un poco anticuado, pero puedo asegurarles por experiencia propia que su paso por nuestro instituto les cambiará la vida. Fui el primero de mi familia en obtener un título de grado. Ese título, y los que obtuve posteriormente, no solo abrieron puertas para mí y mi familia, sino que las vivencias me ayudaron a cambiar lo que soy como persona. Cuando asistan a clases en Shoreline, conocerán a profesores especializados con experiencia en todos los campos, desde la industria automovilística hasta la producción cinematográfica, la enfermería o la biotecnología (¡y mucho más!). En el salón de clases, vivirán distintas experiencias que no solo les aportarán nuevos conocimientos, sino que les permitirán pensar de manera crítica y conocerse a ustedes mismos y a la comunidad durante el proceso. Estudiarán con profesionales que están dispuestos a despejar todas sus dudas y a garantizar que vayan por el buen camino. También conocerán a otros estudiantes que los inspirarán en el campo del atletismo, los emocionarán durante un concierto, los impresionarán en un curso de ingeniería y se convertirán, sin duda, en sus mejores amigos.

**Transitions Transiciones** ກິນຊຸນ ກິນຊຸນ ກິນຊຸນ 过渡

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The last few years have been difficult to say the least. We have seen changes in our world we thought we would never see. As our community has been returning from the overall impact of COVID-19, we are re-establishing old relationships and practices we had before the pandemic. We have also learned a lot about new ways to serve our community. As we are transitioning and integrating processes this year, we will help you transition to the next phase of your life and career.

Los últimos años han sido difíciles, por decirlo de alguna manera. Hemos atravesado cambios que jamás pensamos que íbamos a atravesar. A medida que nuestra comunidad ha ido recuperándose del impacto global de la COVID-19, estamos reanudando aquellas buenas relaciones y prácticas que teníamos antes de la pandemia. Además, hemos aprendido mucho sobre nuevas maneras de contribuir con nuestra comunidad. Como este año estamos en plena transición e integración de procesos, los ayudaremos a comenzar la siguiente etapa de su vida y su carrera.

**Support Apoyo** ກິນຊຸນ ກິນຊຸນ ກິນຊຸນ 支持

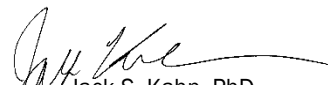
Through these changes and transitions we are here to support you. Shoreline Community College faculty and staff want nothing more than for you to reach your goals. We cannot wait to see all the wonderful things you will do this year and beyond.

**Support Apoyo** ກິນຊຸນ ກິນຊຸນ ກິນຊຸນ 支持

Les brindaremos apoyo durante estos cambios y transiciones. El objetivo del equipo docente y el personal de Shoreline Community College es que ustedes alcancen sus metas. Deseamos ver todos los resultados maravillosos que obtendrán este año y los venideros.

Have a wonderful year, I wish you continued success on your journey.

Les deseo un excelente año y mucho éxito en su camino.

  
Jack S. Kahn, PhD.  
President/Presidente, Shoreline Community College

# Calendar

## 2024-2025 Academic Calendar

	Fall 2024	Winter 2025	Spring 2025	Summer 2025
Class Enrollment / Registration for Continuing Students Begins	May 20	Nov 25	Mar 3	May 26
Class Enrollment / Registration for New Students Begins	May 20	Nov 25	Mar 3	May 26
First Drop from Classes for Non-payment (DNP) of Tuition	Sep 12	Dec 19	Mar 20	
First Week of Class	Sept 25-Oct 1	Jan 6-10	Apr 2-8	Jul 1
Automatic Waitlists for Classes Turned Off	Oct 1	Jan 10	Apr 8	Jul 3
Last Day for 100% Refund of Tuition	Oct 1	Jan 10	Apr 2	Jul 3
Last Day to Add Classes Without Instructor Permission	Oct 1	Jan 10	Apr 8	Jul 11
Late Enrollment Period: Requires Instructor & Dean Permission	Oct 2-7	Jan 11-20	Apr 9-15	Jul 12
Application for Graduation Deadline	Oct 9	Jan 27	Apr 23	Jul 17
Last Day to Withdraw From Classes Without Receiving "W" Grade	Oct 8	Jan 17	Apr 15	Jul 11
\$15 Fee to Add (with Instructor, Dean, & VP Permission) or Drop Classes	Oct 9	Jan 21	Apr 16	Jul 12
Last Day for 50% Refund of Tuition	Oct 15	Jan 24	Apr 22	Jul 15
Last Day to Submit Option Grading Requests (Pass or No Credit)	Oct 30	Feb 12	May 8	Jul 24
Last Day to Change To/From Audit of Class	Nov 6	Feb 19	May 15	Jul 31
Last Day to Withdraw from Classes & Receive "W" Grade	Nov 6	Feb 19	May 15	Jul 31
Last Day of Classes	Dec 6	Mar 17	Jun 12	Aug 21
Prep Day (No Classes)	Dec 9	Mar 18	Jun 13	Not Applicable
Final Exams	Dec 10, 11, 12	Mar 19, 20, 21	June 16, 17, 18	Aug 21
Grades Available to Students	Dec 18	Mar 26	Jun 25	Aug 27

**Note:** the dates listed below may change. The most current information can be found at [shoreline.edu/calendars/academic.aspx](http://shoreline.edu/calendars/academic.aspx)

Campus Holiday Closures				
	Fall 2024	Winter 2025	Spring 2025	Summer 2025
Labor Day	Sep 2			
Veterans Day	Nov 11			
Thanksgiving Holiday	Nov 28			
Native American Heritage Day	Nov 29			
Christmas	Dec 25			
New Year's Day		Jan 1		
Martin Luther King Jr Day		Jan 20		
Presidents' Day		Feb 17		
Memorial Day			May 26	
Juneteenth			June 19	
Independence Day				July 4

# About Shoreline

## The College

[shoreline.edu/about-shoreline](http://shoreline.edu/about-shoreline)

Established in 1964, Shoreline Community College offers excellent academic, professional-technical, and workforce training programs to meet the lifelong learning needs of its community. Dedicated faculty and staff are committed to the educational success of all students.

Located 10 miles north of downtown Seattle, Shoreline Community College is one of the most strikingly beautiful college campuses in Washington State. Our grounds once served as a special place for the Duwamish Tribe to gather traditional foods in ways that increased the bounty of the land. Nestled among native evergreens, our campus is a brilliant sea of colors during spring, summer, and fall, when many flowering plants are in bloom. The scenic surrounding area is nationally known for its recreational and cultural opportunities, which richly complement academic life.

Twenty-six buildings constitute the 83-acre campus. These include an award-winning automotive training center, a visual arts building, computer centers, laboratories, a student center, a theater, a well-equipped gymnasium that includes a fitness center, a childcare center, and the Ray W. Howard Library/Technology Center.

Shoreline Community College operates under the regulations of the Washington State Board for Community and Technical Colleges and are governed by the Board of Trustees of Shoreline Community College, District Number Seven. The college is a member of the American Association of Community Colleges and the Association of College Trustees.

## Accreditation

[shoreline.edu/about-shoreline/accreditation.aspx](http://shoreline.edu/about-shoreline/accreditation.aspx)

Shoreline Community College is a member institution of and accredited by the Northwest Commission on Colleges and Universities (NWCCU), an institutional accrediting agency recognized by the U.S. Department of Education and the Council for Higher Education Accreditation.

Accreditation by the NWCCU means a college or university has been evaluated by experts and meets or exceeds standards for institutional quality. An accredited college or university has the resources to achieve its educational goals through appropriate programs, is effectively doing so, and demonstrates the capability to continue doing so in the future. Accreditation also ensures institutional integrity.

Accreditation by the NWCCU is not partial but applies to Shoreline Community College as a whole. It is not a guarantee of every course or program offered or the competence of individual graduates. Instead, it means the College as a whole provides good quality education and opportunities for students.

Questions about the accreditation status of Shoreline Community College can be directed to the College's administrative staff or the NWCCU.

Northwest Commission on Colleges and Universities  
8060 165th Avenue N.E., Suite 100  
Redmond, WA 98052  
(425) 558-4224  
[nwccu.org](http://nwccu.org)

Additionally, the following programs at Shoreline Community College receive accreditation from individual programmatic accrediting agencies.

- Our Automotive Program is accredited by the National Automobile Technicians Education Foundation.
- Our Dental Hygiene Program is accredited by the Commission on Dental Accreditation.
- Our Health Informatics & Information Management (HIIM) Program is accredited by the Commission on Accreditation of Health Informatics and Information Management Education.
- Our Medical Laboratory Technology (MLT) Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences.
- Our Nursing Program is accredited by the Accreditation Commission for Education in Nursing.

## Academic Calendar

[shoreline.edu/calendars/academic.aspx](http://shoreline.edu/calendars/academic.aspx)

Shoreline Community College operates on a year-round academic calendar comprised of three 11-week quarters during fall, winter, and spring, and one 8-week quarter during the summer.

We publish a schedule of all classes offered within a quarter, which includes the dates, times, and locations, about two weeks before the start of enrollment. Classes are generally offered on weekdays during the daytime but may also be offered in the evenings and on weekends.

# Community Standard

[shoreline.edu/about-shoreline/community-standard-statement.aspx](http://shoreline.edu/about-shoreline/community-standard-statement.aspx)

Shoreline Community College is a place for students, employees, and the community to pursue excellence in education in an environment dedicated to equity, inclusiveness, and self-reflection. We value respectful, dynamic interactions and lively discussion and strive to create an environment where everyone is supported and valued.

We do not tolerate hateful, violent, or discriminatory actions that target any person or group based on their beliefs, customs, identity, or affiliations. When one of us is diminished, all of us are diminished.

## Non-Discrimination

[shoreline.edu/about-shoreline/non-discrimination.aspx](http://shoreline.edu/about-shoreline/non-discrimination.aspx)

Shoreline Community College is committed to providing equal opportunity in education and employment for all students, employees, and applicants. We do not allow discrimination or harassment based on race or ethnicity, color, national origin, age, pregnancy, sex, sexual orientation, gender, gender identity, marital status, creed, religion, status as an honorably discharged veteran or military status, political affiliation or belief, citizenship or status as a lawfully admitted immigrant authorized to work in the United States, or the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability.

We are committed to fostering a work and educational environment of mutual respect and professionalism free of bullying behaviors, including cyberbullying. We are also committed to providing access and reasonable accommodation in our services, programs, activities, education, and employment for individuals with disabilities.

- **Students:** contact Student Accessibility Services at (206) 546-4545 or [sas@shoreline.edu](mailto:sas@shoreline.edu) to request disability accommodations.
- **Current Employees (& Job Applicants):** contact Human Resources at [hr@shoreline.edu](mailto:hr@shoreline.edu) to request disability accommodations.

## English Language Proficiency

[shoreline.edu/transitional-studies/ibest](http://shoreline.edu/transitional-studies/ibest)

Shoreline Community College is committed to ensuring that limited proficiency in the English Language will not be a barrier to admission and participation in our professional-technical programs.

# Compliance Inquiries and Contacts

Questions about compliance and/or grievance procedures can be directed to the following people.

### Jenna Durney

Title IX / Equal Employment Opportunity (EEO) Coordinator  
Building 1000, Room 1014  
16101 Greenwood Avenue North  
Shoreline, WA 98133-5696  
[titleixcoordinator@shoreline.edu](mailto:titleixcoordinator@shoreline.edu)  
(206) 533-6746

### Derek Levy

Section 504 / Americans with Disabilities Act (ADA) Coordinator  
Building 5000, Room 5216  
16101 Greenwood Avenue North  
Shoreline, WA 98133-5696  
[dlevy@shoreline.edu](mailto:dlevy@shoreline.edu)  
(206) 546-4544

## Mission

[shoreline.edu/about-shoreline/vision\\_and\\_mission.aspx](http://shoreline.edu/about-shoreline/vision_and_mission.aspx)

Shoreline Community College offers accessible, high-quality education and workforce training that empowers students for success. Rooted in our commitment to diversity, equity, and community engagement, we foster an educational environment that contributes to the enrichment of both our local and global communities.

## Vision

Shoreline Communities College envisions a future:

- where every student has equitable access to an affordable, transformative education.
- where lived experiences do not predict success.
- where the diversity of student experiences enriches us all.

## Values

- **Diversity and Inclusion:** create an inclusive environment for students and staff that values every individual's unique perspective and contribution.
- **Student-Centered:** place students at the heart of our actions, prioritizing their needs, aspirations, and well-being in all aspects of the college experience.
- **Community Engagement:** foster collaboration within our wider community to collectively address needs and enhance the overall well-being of our region.
- **Quality Education:** provide an equitable learning environment and a commitment to teaching excellence

that ensures our students acquire the knowledge and skills needed for success in their careers and as global citizens.

- **Accessibility and Affordability:** remove obstacles and provide essential resources to support students along their educational journey.

## Equity Statement

Shoreline Community College is committed to establishing a truly inclusive community, and we recognize the profound significance of striving toward equity in education. Equity work compels us to lead from an anti-racist framework, fostering a more supportive and fairer environment. This approach in centering anti-racism benefits all members of the community regardless of their background, as doing so seeks to remove barriers for everyone.

Shoreline Community College recognizes that historical and current structural barriers, deeply rooted in racism and inequality, have long hindered the success of students from underserved backgrounds. We are also dedicated to continuously acknowledging the diversity of our community and the intersections of our physical and mental abilities and our identities which include but are not limited to racial, economic, sexual, and linguistic backgrounds. Our dedication extends to breaking down any barriers that may adversely affect our community members because of any marginalized intersectionality.

We acknowledge that our journey toward equity is ongoing. We embrace the challenge of supporting each other toward becoming an equity-intentional institution by leveraging measurable outcomes from the Equity-Centered Strategic Plan to create a culture that fosters retention and reduces opportunity gaps in student success. This approach intentionally aligns our vision with that of the State Board of Community and Technical Colleges (SBCTC).

Our approach towards equity is dynamic, evolving with the needs of our diverse campus, including students, faculty, and staff. We understand that to truly embrace anti-racist principles, our actions must be bold and transformative. We commit to not just speaking about diversity, equity, inclusion, and accessibility, but to living these values through decisive and impactful actions. Our dedication goes beyond mere acknowledgment of inequities in our current structure; we are committed to being a catalyst for radical change and holding ourselves accountable.

## Strategic Plan

[shoreline.edu/about-shoreline/strategic-plan.aspx](https://shoreline.edu/about-shoreline/strategic-plan.aspx)

Shoreline Community College's current Equity-Centered Strategic Plan was adopted by its Board of Trustees in February 2024 to define and outline the vision, mission, and values that will guide the College for the years to come. It is organized into six overarching categories with several corresponding goals organized by the year in which they will be completed.

**Goal A: Student Success and Academic Excellence:** create the condition for success for all students through high-quality, innovative, student-centered transfer and professional technical programs.

**Goal B: Student Support Services:** provide comprehensive student support services.

**Goal C: Organizational Development, Systems, and Processes:** strengthen the college's organizational culture and create an inclusive and equitable work environment.

**Goal D: Facilities and Technology:** provide a welcoming environment with campus-wide accessibility for all students and employees.

**Goal E: Community Connections, Partnerships, and Collaboration:** build and sustain community and business partnerships.

**Goal F: Enrollment Management and Fiscal Stability:** foster the conditions for long-term financial stability and resilience through forecasting, effective enrollment management, revenue enhancement, and revenue diversification opportunities.

## Shoreline Student Learning Outcomes

Shoreline Student Learning Outcomes (SSLOs) represent the general skills and knowledge all Shoreline degree completers need to be successful. The outcomes versions are intended to capture the differences in what students learn, depending on the program they complete.

The SSLOs presented below represent the culmination of a three-year, data-informed revision process that engaged the entire Shoreline campus community, including students, advisory committees, faculty, staff, and administrators. The revision began in Fall of 2020, and the outcomes were approved in Spring of 2023.

Shoreline assesses students' attainment of SSLOs on an annual basis (two per year), with each outcome assessed on a three-year cycle.

## Communication

*Communication refers to written, spoken and sign language, nonverbal cues, and listening skills. Each degree program includes one version from each of the two categories described below.*

**Students will express their ideas in written forms in a variety of contexts, considering various audiences, diverse perspectives, and cultural differences.**

Version 1: Create written content that communicates information and findings while considering multiple perspectives, culturally diverse audiences, and contexts.

Examples: Students may write health records and clinical documentation, analysis and diagnosis of automotive concerns, digital productions for multimedia development, etc.

Version 2: Create written content for various purposes while considering multiple perspectives, culturally diverse audiences, and contexts.

Examples: Students may write argumentative essays, summaries/reports/syntheses, self-reflection and meta-cognition essays, analysis (comparison/contrast, cause/effect), or engage in collaborative discussions, posts, pieces of writing.

**Communicate intentionally with clarity and creativity, actively seek to understand and engage ethically, and/or collaborate with others, while considering multiple perspectives, culturally diverse audiences, and contexts.**

Version 1: Communicate intentionally and seek to understand others while considering multiple perspectives, culturally diverse audiences, and contexts.

Examples: Students present or share ideas, opinions, arguments, research, art, or music; diagnose, problem-solve, assess, create, support, empathize, give and receive feedback, build interpersonal relationships, listen to understand, inform, persuade, or teach others.

Version 2: Communicate intentionally and seek to understand others in order to collaborate in a group to achieve a specific purpose, while considering multiple perspectives, culturally diverse audiences, and contexts.

Examples: Students do group work to problem-solve together, create together, develop skills to manage conflict, explore leadership and small group roles, perform in groups, and give and receive feedback in groups.

## Critical Thinking

*Thinking critically can mean many things. Depending on the field they pursue, students will develop skills in building from evidence and multiple perspectives to draw a conclusion (Evaluation) and/or using questions to dig deep into concepts, ideas, and/or problems (Inquiry).*

Version 1: Evaluate evidence from different viewpoints using proven methods in a particular field or discipline to draw justifiable conclusions.

Examples: In the realm of science, the "viewpoint" could be different theories, and the proven method is traditional hypothesis testing (scientific method) to support one theory over another. In philosophy, the viewpoints would be different arguments, and the proven methods would be reasoning and logic, to identify the most reasonable conclusion.

In art appreciation, the different viewpoints may be different interpretations of the same piece of art, with evidence from the piece itself to draw a conclusion about the meaning of the piece.

Version 2: Apply proven methods of analysis from a particular field or discipline to examine a problem, concept, or argument.

Examples: In a field such as automotive, inquiry may allow students to investigate, "Why did a particular fix not work?" or "What possible reasons might explain why this component is not functional?"

In a discipline such as history, this could mean investigating the question "Why did a particular event happen when it did and the way it did?"

In literature, this could mean exploring the question "Why did the author choose to switch narrative voice throughout the novel?"

## Equity and Social Justice

*Equity and social justice education is transformative and empowers learners to become more skilled, active, and socially and politically aware. As such, to advance equity, social justice, and anti-racism, students will analyze the role of, and ways to reduce, interpersonal and institutional oppression in the United States.*

Version 1: Analyze the impact of racial oppression in a given contemporary social problem in the United States.

Examples: Students may analyze the continual impacts of redlining and racial covenants on the city of Shoreline or students may analyze how implicit bias contributes to the School to Prison Pipeline and impacts the outcomes of students of color.

Version 2: Identify ways to reduce racial oppression in a given contemporary social problem in the United States.

Examples: Students may engage in role-playing activities to practice disrupting instances of interpersonal oppression experienced by members of the class, or through Service-Learning, students will engage with community partners on social justice and equity programs within the community.

## Information Literacy

*Information literate people will demonstrate an awareness of how they gather, use, manage, synthesize and create information and data in an ethical manner and will have the information skills to do so effectively.*

Version 1: Students will locate, retrieve, and analyze or evaluate sources to fulfill an information need.

Locate:

- Recognize a gap in one's knowledge
- Use the resources (tools/materials that provide data/information) available to fill that gap

Retrieve:

- Access and extract information from a source(s) to gain knowledge about a topic

Analyze:

- Use information to relate new knowledge to their information need and prior knowledge (information they already know)

Evaluate:



- Assess information for quality, accuracy, relevancy, bias, authority, and credibility
- Identify the value of and differences between resources in a variety of formats (e.g., multimedia, database, website, audio/visual, book).

## Quantitative and Symbolic Reasoning

*Students will apply quantitative and/or symbolic strategies to interpret information and draw conclusions.*

Version 1: Apply statistical methods to draw evidence-based conclusions.

Example: Students analyze data to draw conclusions about a population using information collected from a sample, such as is done with the public opinion polls, clinical trials, or environmental studies, and summarize the results. (Relevant course: MATH& 146)

Version 2: Apply a combination of mathematical techniques from the disciplines of algebra, trigonometry, and calculus to analyze information and draw conclusions.

Example: Students represent situations and solve related equations that involve multiple layers of functions, reasoning, and algebraic manipulation. (Relevant courses: MATH& 141, MATH& 142, MATH& 151)

Version 3: Apply algebraic techniques or symbolic logic to draw conclusions.

Example: Students solve real-life problems by translating them into either mathematical or symbolic components. (Relevant courses: Any math course 100-level or higher or PHIL& 120)

Version 4: Use mathematical calculations to investigate situations applicable to a specific program or discipline and draw conclusions.

Examples: In an acoustics of music class, students might describe the acoustic properties of a room using formulas, functions and graphs where appropriate. (Relevant course: MUSTC 106)

In a health informatics class, students might perform calculations necessary for submitting insurance claims. (Relevant course: HIIM 154)

In an Excel 365 class, students might use mathematical formulas and logical statements to analyze information in a spreadsheet and create graphs. (Relevant course: BUS 150)

# About Our Programs

## Programs of Study: Overview

Shoreline Community College provides credit-bearing programs in the following areas:

- **Transfer:** for students who plan to continue their studies at a four-year college or university
- **Professional-Technical:** for students interested in pursuing a certificate or degree that leads to employment
- **High School Programs:** for students seeking high school completion or to complete college credits while in high school
- **Transitional Studies:** for students seeking life skills, completing a high school degree, and/or preparing for college-level coursework

## Transfer Programs

[shoreline.edu/programs/transfer-programs.aspx](http://shoreline.edu/programs/transfer-programs.aspx)

Shoreline Community College is accredited by the Northwest Commission on Colleges and Universities (NWCCU) and by several discipline-related institutions. Additionally, we are a member of the Inter-College Relations Commission (ICRC), and the Washington State Board of Community and Technical Colleges (SBCTC).

Our Associate in Arts - Direct Transfer Agreement (AA-DTA), Associate in Science - Transfer (AS-T), and Major Related Programs (MRP) degrees comply with the ICRC's guidelines for transfer degrees within Washington State. All member colleges of the SBCTC use common course numbering. Course numbers with an ampersand ('&') are considered equivalent and transferable between these colleges.

- Courses taught at Shoreline Community College are generally accepted by other colleges or universities offering similar courses. However, each college or university has its own transfer policy, so the transferability of a specific course is not assumed or guaranteed. Additionally, courses completed with pass grades (P/NP) may not meet the requirements of a student's field of study.
- Colleges and universities will accept up to 90 credits from transfer in most cases, and many expect students to be "major-ready" by the time they transfer. Students who are "major-ready" declare their majors shortly after transfer and carefully plan which courses will meet their distribution requirements and the admission requirements for their field of study.

Students are responsible for understanding transfer requirements and policies. We recommend that they meet with an advisor at Shoreline Community College and an advisor from their transfer college or university for guidance and to review their options.

## Transferring to Another Institution

Students are encouraged to take the following steps to transfer to another college or university successfully:

- Get a current course catalog or visit the website of the college or university to which they plan to transfer. This will help students determine the general admission and graduation requirements, as well as the specific requirements for their major or field of study.
- Meet with an advisor to determine the best program or degree options for their academic and career goals and to develop an educational plan.
- Meet with an admissions officer or academic advisor at the college or university they intend to transfer for information about admissions requirements, graduation requirements, and transfer policies.
- Verify all requirements one or two quarters before graduation to ensure they are fulfilled before transferring.

## Direct Transfer Agreement

[shoreline.edu/articulation-agreements/default.aspx](http://shoreline.edu/articulation-agreements/default.aspx)

Community and Technical Colleges in Washington State and some four-year colleges and universities created the Direct Transfer Agreement (DTA) to make it easier for students to transfer to a bachelor's degree program in Washington State. This agreement means that an Associate Degree under the DTA fulfills most or all of the general education requirements at the four-year college or university.

Students who complete a DTA usually start as juniors after they transfer. We recommend students talk with the college or university to which they plan to transfer for details about admission, general education, and major requirements. They should also meet with an advisor at Shoreline Community College for the latest information about transferring.

The four-year colleges and universities in Washington State listed below follow the Inter-College Relations Commission (ICRC)'s guidelines for the DTA. This list may change.

- Bastyr University
- Central Washington University
- City University of Seattle
- Cornish College of the Arts
- Eastern Washington University
- Gonzaga University
- Heritage University
- Northwest Indian College
- Northwest University
- Pacific Lutheran University

- Saint Martin's University
- Seattle Pacific University
- Seattle University
- The Evergreen State College
- University of Washington
- University of Washington Bothell
- University of Washington Tacoma
- Walla Walla University
- Washington State University
- Washington State University Tri-Cities
- Washington State University Vancouver
- Western Governors University - Washington
- Western Washington University
- Whitworth University

## Major Related Program

### Agreements

Community and Technical Colleges and four-year colleges or universities in Washington State developed Major Related Programs (MRP) to prepare students for transfer into specific academic majors and to provide consistency in prerequisite courses required for admission to common majors. MRPs follow guidelines for the Associate in Arts - Direct Transfer Agreement (AA-DTA) or Associate in Science - Transfer (AS-T) transfer degrees.

Shoreline Community College currently has MRPs in Bioengineering & Chemical Engineering, Business, Computer and Electrical Engineering, Computer Science, Construction Management, Aeronautical/Civil/Industrial/Manufacturing/Materials Science Engineering, and Pre-Nursing.

## Inter-College Reciprocity Agreement

[shoreline.edu/apply-and-aid/registration/inter-college-reciprocity.aspx](http://shoreline.edu/apply-and-aid/registration/inter-college-reciprocity.aspx)

Community and Technical Colleges in Washington State have a policy for transferring courses between schools. This policy makes sure that students transferring to another college or university are not penalized because of different requirements. This applies to the Associate in Arts - Direct Transfer Agreement (AA-DTA) and Associate in Science - Transfer (AS-T) transfer degrees.

Students can transfer courses that fulfill requirements in Communication Skills, Multicultural Studies, Quantitative Skills, or Distribution from one college to another. These courses will count towards the same requirements at the new college, even if they do not have exact matches or were earned through prior learning credit.

Students are responsible for starting the process and collecting all the necessary documents for course transfers. They need to follow these steps to be eligible.

- Apply for admission to Shoreline Community College.

- Complete coursework at another college or university that meets requirements in Communication Skills, Multicultural Studies, Quantitative Skills, and Distribution for the transfer degree.
- Maintain a cumulative college-level Grade Point Average (GPA) of 2.0 or higher at the previous college or university.
- Meet the residency requirement at the previous college or university.
- Provide all necessary documentation to our Enrollment Services Department.

Transcripts from Shoreline Community College will show which requirements were met through course transfers. They will also include the name of the previous college or university where the courses were taken.

## Transfer Rights and Responsibilities

### Student Rights and Responsibilities

- Students have the right to clear, accurate, and current information about their transfer admission requirements, transfer admission deadlines, degree requirements, and transfer policies that include course equivalencies.
- students who are transfer or freshman-entry have the right to expect comparable standards for regular admission to programs and comparable program requirements.
- Students have the right to seek clarification about their transfer evaluation and may request the reconsideration of any aspect of that evaluation. Shoreline Community College will follow established practices and processes for reviewing its transfer credit decisions in response.
- Students who encounter other transfer difficulties have the right to seek resolution; each college or university will have a defined process for resolution that is published and readily available to students.
- Students have the responsibility to complete all materials required for admission and to submit their application on or before the published deadlines.
- Students have the responsibility to plan their courses of study by referring to the specific published degree requirements of the college or academic program in which they intend to earn a bachelor's degree.
- Students assume full responsibility for meeting the new requirements when they change a major or degree program.
- Students who complete the general education requirements at any public four-year college or university in Washington State will have met the lower division general education requirements at another public four-year college or university when they transfer.

## College and University Rights and Responsibilities

- Colleges and universities have the right and authority to determine program requirements and course offerings in agreement with their institutional missions.
- Colleges and universities have the responsibility to communicate and publish their requirements and course offerings to students and the public, including information about student transfer rights and responsibilities.
- Colleges and universities have the responsibility to communicate their admission and transfer-related decisions to students in writing (electronic or paper).

**Source:** Washington Council for High School College Relations' Intercollege Relations Commission Handbook.

## Interdisciplinary Studies

Shoreline Community College's Interdisciplinary Studies allow students to discover, explore, and connect while fulfilling graduation requirements in an alternative way.

These courses combine two or more subjects into a single class focused on a common theme, taught by 2 or more instructors who offer diverse perspectives. Courses in Interdisciplinary Studies vary in structure: some integrate three or more disciplines into a full-time, 15-credit course load, while others offer 5, 8, or 10 credits.

## The Honors College

thehonorscollege@shoreline.edu • 5000 Building (FOSS), Room 5336  
shoreline.edu/honors

The Honors College offers students with a 3.0 GPA or higher, or a recommendation from an instructor, the opportunity to take smaller classes with the same group of students. Students choose from a list of Honors Courses that count towards their graduation requirements.

- Students can join the year-long Honors Research Track, which provides an opportunity to conduct in-depth research into a topic of the student's choice. As part of the Research Track, students complete a Literature Review, work with a mentor, and have the chance to present at the University of Washington Undergraduate Research Symposium.
- The Honors College also offers dedicated academic advising, transfer support, leadership opportunities through the Honors Student Council, and an Honors Lounge.

Applications to the Honors College are accepted year-round with no application fee. However, there is a quarterly fee of \$295 which helps support the operating costs of the Honors College. This fee is covered for students enrolled in Running Start on free or reduced lunch, as well as for Veterans. Additional financial aid may also be available.

## Professional-Technical Programs

[shoreline.edu/programs/prof-tech-programs.aspx](http://shoreline.edu/programs/prof-tech-programs.aspx)

Shoreline Community College's professional-technical programs are designed for students who want to gain specialized knowledge and skills to enter a specific occupational field or enhance their existing skills while employed.

While the primary goal of these professional-technical programs is gainful employment after completion, some graduates choose to transfer to four-year colleges or universities to continue their studies. The receiving college or university will determine if the credits earned in the professional-technical program can be applied toward a bachelor's degree.

## Associate in Applied Science-Transfer (AAS-T)

The Associate in Applied Science-Transfer degree is a professional-technical degree with a core of general education courses commonly accepted for transfer. While professional-technical degrees are generally not designed for transfer to other colleges or universities, several four-year colleges and universities have specific bachelor's degree programs that accept the AAS-T degree.

## Associate in Applied Arts and Sciences (AAAS)

The Associate in Applied Arts and Sciences degree primarily prepares students for employment in professional or technical fields. Shoreline Community College offers AAAS degrees in a variety of fields. While it is generally not intended for transfer to four-year colleges or universities, some AAAS degrees are transfer-eligible. This degree requires a minimum of 90 credits and a GPA of 2.0 or higher.

## Certificate of Proficiency (CP)

Shoreline Community College awards Certificates of Proficiency to students who complete a professional-technical education program of 45 to 89 credits. Each program consists of at least three quarters and has specific requirements. Students must maintain a minimum GPA of 2.0 for the entire program, and some programs require a grade of 2.0 or higher in each course.

## Certificate of Completion (CC)

Shoreline Community College awards Certificates of Completion to students who complete professional-technical programs of 20 to 44 credits. These programs consist of one to three quarters and have specific requirements. Some programs require a minimum GPA of 2.0 overall and/or a grade of 2.0 or higher in each course.

## Short-Term Certificate of Completion (CC-ST)

Short-Term Certificates of Completion consist of 19 or fewer credits and typically span at least one quarter. Students must maintain a minimum GPA of 2.0 or higher for the entire program.

## High School Programs

### High School Completion

(206) 546-4559 • 5000 Building (FOSS), Room 5229  
[shoreline.edu/high-school-programs](http://shoreline.edu/high-school-programs)

High School Completion allows students to earn an official high school diploma from Shoreline Community College by completing classes. An advisor will evaluate students' high school transcripts and advise them on the classes they need to complete their diploma.

### College-Issued High School Diploma

(206) 546-4559 • 5000 Building (FOSS), Room 5229

Students enrolled in Running Start or who are sixteen years or older and complete an associate degree from Shoreline Community College may receive an official high school diploma even if they have not met the high school graduation requirements. Students can indicate on their graduation application if they would like to earn their high school diploma.

### Center for Education and Career Opportunities (CECO)

(206) 546-7844 • [ceco@shoreline.edu](mailto:ceco@shoreline.edu) • 5000 Building (FOSS), Room 5100  
[shoreline.edu/high-school-programs/center-for-education-career-opportunities](http://shoreline.edu/high-school-programs/center-for-education-career-opportunities)

The Center for Education and Career Opportunities (CECO) offers 16 to 21-year-olds without a high school diploma the chance to return to school to earn their high school diploma and/or General Education Development (GED) and go on to college, technical training, and/or employment. We offer services to support students "to and through" a post-secondary education, with paid internships, relational case management, behavioral health services, and fiscal support services.

CECO does not have any tuition costs or fees.

### High School+/GED Exam Preparation

(206) 705-8725 • 5000 Building (FOSS), Room 5209

Shoreline Community College offers students enrolled in Adult Basic Education (ABE) the opportunity to earn credits toward an official high school diploma in Washington State. Credits can be awarded by documenting prior academic records, and work experience, and by meeting competency requirements in academic areas through these classes. Some students may also use these classes to prepare for the General Education Development (GED) exam.

Tuition for either program is \$25 per quarter and a tuition waiver is available for low-income earners.

### Running Start

(206) 546-6906 • [runningstart@shoreline.edu](mailto:runningstart@shoreline.edu) • 5000 Building (FOSS), Room 5229  
[shoreline.edu/high-school-programs/running-start](http://shoreline.edu/high-school-programs/running-start)

Students in their junior or senior year of high school may be eligible to participate in Running Start at Shoreline Community College, allowing them to earn college credit while completing their high school graduation requirements. Students must provide proof of placement into English 101 to participate. Additionally, students may be required to provide proof of placement for math courses or courses with math prerequisites.

Students enrolled in Running Start who meet Shoreline Community College's requirements for associate degrees will be awarded such a degree. They may also submit a request to receive an official high school diploma.

### Career and Technical Education Dual Credit Agreement

(206) 546-7629 • 2100 Building, Room 217  
[shoreline.edu/placement/cte-dual-credit-program.aspx](http://shoreline.edu/placement/cte-dual-credit-program.aspx)

Classes under the Career and Technical Education (CTE) Dual Credit Agreement are offered at many high schools and skills centers across Washington State in partnership with community and technical colleges. These classes combine academics with technical skills to help students prepare for further education and careers. Students can earn both high school and college credit for completing the same class; they will then receive a transcript from Shoreline Community College, and their high school grades will count towards their college Grade Point Average (GPA).

Students must register in the Statewide Enrollment and Reporting System (SERS) while enrolled in a CTE class in high school to participate.

### Transitional Studies

#### Adult Basic Education (ABE)

(206) 705-8725 • [abe@shoreline.edu](mailto:abe@shoreline.edu) • 5000 Building (FOSS), Room 5209  
[shoreline.edu/transitional-studies/adult-basic-education](http://shoreline.edu/transitional-studies/adult-basic-education)

Adult Basic Education offers low-cost classes in reading, writing, and mathematics designed to help students improve their skills to prepare for college. Students in these classes also have the opportunity to earn credits toward an official diploma in Washington State. These classes, along with student support services, provide navigation and guidance to help students plan their academic pathways and prepare for success in their college courses.

Tuition is \$25 per quarter and a tuition waiver is available for low-income earners.

## English as a Second Language (ESL)

(206) 705-8725 • [esl@shoreline.edu](mailto:esl@shoreline.edu) • 5000 Building (FOSS), Room 5205  
[shoreline.edu/transitional-studies/esl](http://shoreline.edu/transitional-studies/esl)

English as a Second Language offers low-cost classes in the English Language designed to help students improve their skills in speaking, listening, reading, writing, and grammar. These classes, along with student support services, provide navigation and guidance to help students plan their career or academic pathways. Students can advance from ESL to classes in ABE, advance to college-level classes, enroll in different professional-technical programs, or receive job training. Classes are offered in the morning, afternoons, evenings, and online.

Tuition is \$25 per quarter and a tuition waiver is available for low-income earners.

## Integrated Basic Education and Skills Training (I-BEST)

(206) 546-6930 • 5000 Building (FOSS), Room 5101  
[shoreline.edu/transitional-studies/ibest](http://shoreline.edu/transitional-studies/ibest)

Shoreline Community College's Integrated Basic Education and Skills Training (I-BEST) helps students enrolled in our ABE, ESL, or Transitional Studies earn college certificates in high-demand fields. These programs provide a starting point for students who want to work or those who want to pursue a professional-technical program. There are only a few prerequisites, and students can choose from certificates in Automotive General Service Technician (AGST), Biomanufacturing, Business, Manufacturing/Machinist, Nursing Assistant Certified (NAC), and Phlebotomy.

A high school diploma is not required, and adults over age 21 can earn dual credit toward a high school diploma while they participate in I-BEST. Additionally, financial aid is available to help pay for tuition and books.

## Continuing Education

(206) 546-6966 • [continuing-ed@shoreline.edu](mailto:continuing-ed@shoreline.edu) • 1500 Building  
[shoreline.edu/continuing-ed](http://shoreline.edu/continuing-ed)

The Continuing Education Department at Shoreline Community College is an open learning community that offers affordable non-credit courses and events for people interested in short-term opportunities for personal enrichment and professional development.

## Personal Enrichment

Our Continuing Education Department offers many fun and flexible classes for personal enrichment taught by experienced instructors. Students who take these classes can explore a new hobby, meet a personal goal, or find their next passion project. Classes are held online or on campus, on evenings and weekends, to accommodate different schedules.

We partner with Shoreline Community College's Athletics, Automotive, and Music Departments as well as community organizations, such as Shorelake Arts Council and Dandylyon Drama, to offer a variety of specialized programs and classes.

## Professional Development

Our Continuing Education Department partners with Ed2Go to offer online, non-credit professional development classes throughout the year. These classes are led by expert educators, are affordable, convenient, and are designed for working adults. Students can prepare for industry certification or start a new career in as little as six months with hundreds of offerings monthly.

## Summer Camps

Summer Camps for youth are scheduled on the campus of Shoreline Community College in July and August every year. Offerings include arts, drama and film, science, sports, and technology camps that serve a variety of ages.

# Modes of Class Instruction

(206) 546-6966 • [elearning@shoreline.edu](mailto:elearning@shoreline.edu) • 4000 Building, Room 4228  
[shoreline.edu/elearning-services](http://shoreline.edu/elearning-services)

Shoreline Community College offers classes in many modes of instruction to meet the needs of all our students. Students can view the mode(s) of instruction available for each class within the quarterly class schedule.

## In Person Classes

In Person Classes meet face-to-face. These classes take place at scheduled times at the College's physical campus or another specifically designated location.

Currently, we offer two types of in-person classes.

- **In Person:** students attend class in a classroom on campus or designated location on specific days and times. They do not need access to a computer or the Internet.
- **In Person (Web Enhanced):** students attend class in a classroom on campus or designated location on specific days and times. They use Canvas for online coursework and need computer and Internet access.

## Hybrid Classes

Hybrid Classes offer students a mixture of on-campus and online learning options. Students come to campus, or a designated location, for regular face-to-face classes less often than if enrolled in a fully in-person class. Instead, more of the classes' content will be delivered online. Students will have access to class materials anytime, anywhere in Canvas.

## Online Instruction

Shoreline Community College's online learning options provide quality education through Canvas, a web-based learning management system, allowing students to study at their convenience. Several degrees and certificates can be obtained completely online and are accredited by the Northwest Commission on Colleges and Universities (NWCCU).

Online classes have specific start and stop dates, regular assignments, and project deadlines. They cover the same material as traditional, in-person classes but are more reading and writing-intensive. Students receive lessons and coursework and submit completed assignments completely online.

Attendance may not be required at specific times but students will need to spend 5 out of every 7 days in the online classroom and should plan to spend 10 to 15 hours per week on coursework for most 5-credit classes. They interact with their instructors and classmates through online discussions and email from their homes or workplaces. Some classes may require proctored exams.

Currently, we offer the following types of online classes.

- **Online Asynchronous:** students complete their classes completely online in Canvas with no required meeting days or times. They complete assignments and coursework online in Canvas by the posted deadlines, but they can work on the content when it fits their schedule.
- **Online Asynchronous with In-Person Activities:** students complete their classes mainly online in Canvas but are also required to attend a few activities on campus, like orientation or exams.
- **Online Scheduled:** students attend live classes online via Zoom with their classmates on specific days and times. They complete their assignments and coursework online in Canvas.
- **Online Scheduled with In-Person Activities:** students attend live classes online via Zoom with their classmates on specific days and times. They complete their assignments and coursework online in Canvas and are also required to attend a few activities on campus, like orientation or exams.
- **Flexible (Optional F2F or Online):** students attend class on specific days and times, and they can choose to come in person or join the class online via Zoom. They complete assignments and coursework online in Canvas. The instructor will always teach in person.

## Experiential Learning

### Study Abroad

(206) 546-4627 • [studyabroad@shoreline.edu](mailto:studyabroad@shoreline.edu) • 9000 Building (PUB), Room 9302

[shoreline.edu/international/study-abroad-study-away](http://shoreline.edu/international/study-abroad-study-away)

Shoreline Community College's study abroad and study away programs provide opportunities for students to learn about the culture in the place of study while encouraging self-discovery and shaping the role students will play in their future communities. The College offers 10-week (one academic quarter) programs sponsored in association with the Washington State Community College Consortium for Study Abroad (WCCCSA) to countries such as Costa Rica, France, Germany, Italy, Japan, and South Korea.

Shoreline Community College also partners with organizations around the globe to give students in professional-technical programs the opportunity to study abroad within their field. These study-abroad programs cover a variety of instructional disciplines and feature credit-bearing courses that are transferable to four-year colleges and universities. Financial aid and scholarships may be available to support students who participate in these programs.

### Internships

(206) 546-5821 • [careercenter@shoreline.edu](mailto:careercenter@shoreline.edu) • 9000 Building (PUB), Room 9203

[shoreline.edu/job-career-services/career-center](http://shoreline.edu/job-career-services/career-center)

Internships are short-term jobs or projects that help students and new professionals gain real-world skills. Some programs at Shoreline Community College have optional or required internships, called 290 courses (like FILM 290 or BIOL 290), or work experiences that are part of the program, such as in Automotive or Nursing.

Students interested in internships can talk to our Internship Coordinator or check with their specific academic program to find out which programs offer internships and how to apply for one.

## Individual Projects

### Guidelines for Individual Projects

Individual Projects let students earn credits by studying a topic in their main academic or career area with help from an instructor. These credits do not count toward general or distribution degree requirements.

Students must first complete a basic course in the related field and get approval from the instructor. They should also talk to their advisors and check if the college or university they plan to transfer to will accept the credits from the Individual Project as electives.

### Individual project credits

Instructors who offer individual project credits must submit a written contract to the division dean. This contract should include the details of the project, the resources to be used, the materials or activities the student will complete, and the specific methods used for the evaluation and grading of work.

**For 3 credits:** students must complete 99 project hours and enroll before the end of the second week (tenth day) of the quarter.

**For 2 credits:** students must complete 66 project hours and enroll before the end of the third week of the quarter.

**For 1 credit:** students must complete 33 project hours and enroll before the end of the fifth week of the quarter.



# Information about Enrollment

## Become a Student

(206) 546-4611 • enrollmentservices@shoreline.edu • 5000 Building (FOSS), Room 5200  
shoreline.edu/apply-and-aid

Students can start their education at Shoreline Community College in the Fall, Winter, Spring, or Summer Quarters. They can apply online or submit a paper application by mail, fax, or in person to our Enrollment Services Department. We recommend applying as early as possible before the quarter begins.

We will send information about acceptance and enrollment by email.

## Eligibility for Admission

Admission to Shoreline Community College requires students to be graduates from an accredited high school, have a General Education Development (GED) Certificate, or be at least 18 years old. Applicants for programs that are targeted to specific populations under the age of 18 may be admitted under the specific guidelines established for each program. Students under 16 are generally not admitted, but may be eligible for Underage Admissions and can contact our Enrollment Services Department for more information.

Students may also need to submit college or high school transcripts to our Enrollment Services Department after admission.

### College Transcripts

- Students who have attended other colleges are required to provide official transcripts from all the colleges from which they want to transfer credits to Shoreline Community College. We accept credits from colleges and universities accredited by the Northwest Commission on Colleges and Universities (NWCCU) or other regionally accredited agencies. Transcripts or coursework from other colleges might also be needed to determine a student's placement level before they can enroll in English, Math, or other courses that have prerequisites.
- Students who receive federal financial aid or those who receive educational benefits from the Department of Veterans Affairs are required to submit official transcripts from all colleges they have previously attended. This includes transcripts from colleges attended before, during, or after active duty for veterans. These transcripts become the property of Shoreline Community College after submission.

### High School Transcripts

- Students are encouraged to submit final, official high school transcripts to our Enrollment Services Department. These transcripts can be used to determine placement level and help advisors guide students who

want to transfer to other colleges or universities to meet those admissions and graduation requirements.

## Non-Graduates of High School

Students who did not graduate from high school may need to verify their placement level before enrolling in courses. We encourage these students to consider the High School Completion Program or to obtain a GED Certificate to guide them as they plan their degree or program pathway.

Students who currently attend high school either full-time or part-time can enroll in high school completion courses or college credit courses to meet graduation requirements. They must submit an authorization letter from their counselor or vice principal which confirms that the high school will allow the student to attend these courses at Shoreline Community College and will accept the credits earned.

Additionally, Shoreline Community College's Running Start Program allows juniors and seniors in high school to enroll in college courses.

## International Students

(206) 546-4697 • international@shoreline.edu • 9000 Building (PUB), Room 9302

shoreline.edu/international

International Students will complete the following steps to apply for admission at Shoreline Community College.

- submit an application
- pay the \$50 application fee
- provide complete and official high school records (all years), and any college or university transcripts
- provide evidence of financial responsibility

International Students admitted to Shoreline Community College will receive an email about their application status update and their Form I-20 which they will use to apply for a student visa at the local U.S. Embassy or Consulate.

We do not require International Students to submit results from an English Language Proficiency Exam with their application. However, International Students may take an English Language Proficiency Exam during International Student Orientation to determine their starting point. International Students who have already demonstrated proficiency in the English Language may be eligible to enroll directly in college-level English or advanced courses.

## Programs with Special Admission Requirements

Admission to Shoreline Community College does not guarantee acceptance into certain programs with special admission requirements. Our Biotechnology, Dental Hygiene, Health Informatics and Information Management (HIIM), Medical Laboratory Technology (MLT), Nursing, and The Honors College programs fall into this category.

Some programs have waiting lists because of high demand. Our Automotive program falls into this category.

## Auditing Courses

Students who audit courses are generally allowed to attend the course and access course materials as permitted by the instructor. However, they are not required to participate in discussions, submit papers, or take exams. Audited classes do not count towards a degree or affect a student's Grade Point Average (GPA). They will appear on a student's transcript as an N Grade (no credit).

Students must register and pay the required tuition and fees to audit a class. They can change between audit and credit status until the first day of the seventh week of the quarter.

## Determine Placement

[shoreline.edu/placement](http://shoreline.edu/placement)

Certain courses at Shoreline Community College, such as English, Math, and Science, require students to demonstrate prior knowledge and abilities before registering. This can be done by completing prerequisite courses at the College or through different placement methods. Placement is a process that helps students find the appropriate level of courses to support their educational success.

We use multiple methods to determine appropriate placement into courses.

- a placement exam taken at Shoreline Community College or another college
- credits from another college
- high school transcripts
- scores from Advanced Placement (AP), American College Testing (ACT), General Education Development (GED), International Baccalaureate (IB), or SAT exams
- scores from the Smarter Balanced Assessment
- Informed Self-Placement (ISP) for English

Students are encouraged to meet with an advisor or visit the webpage linked above for more information.

## Provide Previous Credits

### Transfer Credits

(206) 546-4559 • [advising@shoreline.edu](mailto:advising@shoreline.edu) • 5000 Building (FOSS), Room 5229  
[shoreline.edu/apply-and-aid/transfer-credits](http://shoreline.edu/apply-and-aid/transfer-credits)

Shoreline Community College accepts credits earned at colleges or universities that are accredited by the Northwest Commission on Colleges and Universities (NWCCU) or other regional accrediting agencies. Students will need to request official transcripts from their previous college(s) and submit them to our Enrollment Services Department to ensure these credits count toward a degree at Shoreline Community College.

Advisors at Shoreline Community College can review students' transcripts to help them understand how their credits will transfer. They can also give information about different degree and certificate options. Students do not need to wait for the transcript evaluation to be finished before signing up for classes.

## Academic Credit by Prior Learning Assessment

(206) 546-4559 • [advising@shoreline.edu](mailto:advising@shoreline.edu) • 5000 Building (FOSS), Room 5229

[shoreline.edu/apply-and-aid/registration/credit-for-prior-learning](http://shoreline.edu/apply-and-aid/registration/credit-for-prior-learning)

There are restrictions on how and when Credit by Prior Learning Assessment can be awarded. Shoreline Community College awards credits to students who can demonstrate their prior learning in four general categories.

- **Prior Experiential Learning (PEL):** knowledge and skills gained through experience, assessed by faculty through an evaluation of compiled work. Credits awarded via PEL cannot exceed 25% of the total credits required for any program, certificate, or degree, and may not be available for all classes.
- **Extra-Institutional Learning (EIL):** knowledge and skills gained outside of the college and that are verified through third-party certifications or industry-recognized tests or training. Shoreline Community College has evaluated certain professional programs that are regionally or nationally recognized and has set clear criteria for awarding credits for these programs.
- **Credit by Testing:** students who complete college-level coursework in high school can receive appropriate credit and/or placement based on their performance on the Advanced Placement (AP) or International Baccalaureate (IB) exams.
- **Course Challenge:** students currently enrolled at Shoreline Community College can earn credit for certain classes by successfully passing Course Challenge exams. These exams are thorough and ensure that students have the same knowledge and skills as those who successfully complete the course. Students should have prior training, private study, work experience, or

other relevant qualifications demonstrating equivalent knowledge or ability equivalent to the course completers.

## Family Contribution & Family Need

Shoreline Community College's Financial Aid Department uses the Student Aid Index (SAI) from the FAFSA Submission Summary on FAFSA or WASFA forms to calculate financial aid offers. The SAI outlines how much money students and their families are expected to contribute to their education.

A student's financial need is determined using the following equation: the Cost of Attendance minus the SAI equals the unmet need.

## Notification of Aid Offer

[shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/conditions-of-award.aspx](https://shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/conditions-of-award.aspx)

Students awarded aid will receive a Notification of Aid Offer by email which will tell them to check the type and amount of aid for each quarter in ctcLink. Students should inform the Financial Aid Department if they decide not to attend Shoreline Community College, plan to enroll less than full-time, or want to reject or cancel part of their aid.

## Satisfactory Academic Progress

[shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/sap-current-students.aspx](https://shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/sap-current-students.aspx)

Students who apply for and receive financial aid need to maintain good academic progress in their studies and complete their program within the credit limits.

## Repayment of Aid

[shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/withdrawals-refunds-repayments.aspx](https://shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/withdrawals-refunds-repayments.aspx)

Students must attend more than 60% of the quarter to keep all their federal grants or loans. Instructors must report the Last Date of Attendance (LDA) for students who fail or stop attending class. Shoreline Community College uses this date to determine if repayment is required and the amount owed. This repayment requirement applies to all federal and state financial aid, except for Direct Student Loans, according to federal and state regulations and the College's refund policy.

Shoreline Community College calculates repayments throughout the quarter as notified of withdrawals, and again at the end of the quarter after grades are posted. Notification is then sent to students about any financial aid funds they need to repay and any money owed to the U.S. Department of Education, Washington State, or Shoreline Community College.

## Workforce Education Program

## Apply for Financial Aid

(206) 546-4762 • [financialaid@shoreline.edu](mailto:financialaid@shoreline.edu) • 5000 Building (FOSS), Room 5220  
[shoreline.edu/apply-and-aid/financial-aid](https://shoreline.edu/apply-and-aid/financial-aid)

Shoreline Community College's Financial Aid Department provides financial assistance to students who complete the financial aid process and are eligible based on the Free Application for Federal Student Aid (FAFSA) or the Washington Application for State Financial Aid (WASFA). Sources of aid include federal, state, and institutional grants, loans, and work-study jobs.

Students are also encouraged to contact the Financial Aid Department for a re-evaluation or to review the 2024-2025 Requests for Reevaluation Forms if their family's circumstances have changed significantly in 2024 (e.g., job loss, death, marital separation) and they have already completed the FAFSA and/or WASFA.

The 2024-2025 Financial Aid Guide provides more information about eligibility requirements.

## Application Process

[shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/apply.aspx](https://shoreline.edu/apply-and-aid/funding-and-aid/financial-aid/apply.aspx)

Shoreline Community College processes financial aid applications based on the date students submit their final required documents. Applications are not considered complete until all required documents are submitted. Students asked to provide additional documentation will keep their original submission date as long as they submit the additional documents within two weeks.

Students should apply for aid as early as possible and complete the application by the deadline of the quarter for which they plan to enroll in courses. Those who miss the deadline should plan to pay tuition, fees, and book costs out of pocket but may be reimbursed later if we determine they are eligible for aid.

## Cost of Attendance

[shoreline.edu/apply-and-aid/cashiering/tuition-fees.aspx](https://shoreline.edu/apply-and-aid/cashiering/tuition-fees.aspx)

The Cost of Attendance (COA) is a key part of determining a student's financial need. The COA covers the nine-month school year (October to June) and only includes part of the living expenses a student or their family might have while in college. It is not meant to cover all possible expenses a student or their family might have.

The COA is annually set by the Washington Financial Aid Association (WFAA) while tuition costs are set by the Washington State Legislature (Revised Code of Washington 28B.15.067).

(206) 546-5882 • workforce@shoreline.edu • FOSS Building (5000), Room 5101  
shoreline.edu/workforce

Shoreline Community College's Workforce Education Program helps students pay for the costs of education. Eligibility varies by funding source and is typically awarded to students enrolled in the following programs.

- Adult Basic Education (ABE), English as a Second Language (ESL), General Education Development (GED), or High School+ programs
- prerequisites to professional-technical programs
- professional-technical degrees or certificates
- transfer degrees

## Basic Food Employment & Training (BFET)

(206) 546-7843 • 5000 Building (FOSS), Room 5101  
shoreline.edu/workforce/funding/bfet.aspx

### Type of Assistance

- childcare assistance from the Department of Social and Health Services (DSHS)
- testing fees
- transportation (bus pass or parking permit)
- tuition, fees, books, and required supplies

### Eligibility Requirements

- a Washington State Resident for at least one year
- enrolled in Adult Basic Education (ABE), English as a Second Language (ESL), General Education Development (GED), Professional/Technical, or Transfer Degree Programs
- not receiving cash assistance from DSHS Temporary Assistance for Needy Families (TANF)
- physically and mentally able to work at least 20 hours per week or will be able to do so within the next one year
- receiving DSHS Basic Food Assistance

## Opportunity Grant

(206) 546-6961 • 5000 Building (FOSS), Room 5101  
shoreline.edu/workforce/funding/opportunity-grant.aspx

### Type of Assistance

- tuition, fees, books, and required supplies

### Eligibility Requirements

(meets one of the following criteria)

- a Washington State Resident for at least one year
- enrolled in Accounting, Automotive, Biotechnology, Clean Energy Technology & Entrepreneurship (CETE), Health Informatics & Information Management (HIIM),

Manufacturing, Medical Laboratory Technician, Nursing Assistant Certified (NAC), or Visual Communication Technology (VCT) Programs

- has not earned an associate or higher degree from a college or university in the U.S.
- low income and must provide evidence of income

## Worker Retraining

(206) 546-6957 • 5000 Building (FOSS), Room 5101  
shoreline.edu/workforce/funding/retraining.aspx

### Type of Assistance

- tuition and fees

### Eligibility Requirements

(meets one of the following criteria)

- displaced homemakers
- formerly self-employed and business is no longer viable
- has received a layoff notice
- impacted by a disaster and lost job and/or hours of work reduced
- lost job and is engaged in a temporary, part-time or full-time job while training for permanent employment
- military personnel who have been honorably discharged within the past 48 months or have received a separation order
- receiving unemployment benefits or has exhausted unemployment benefits in the past 48 months.

## WorkFirst

(206) 546-4570 • 5000 Building (FOSS), Room 5101  
shoreline.edu/workforce/funding/workfirst.aspx

The WorkFirst program helps parents receiving Temporary Assistance for Needy Families (TANF)/Cash Assistance to achieve their educational and employment goals.

### Type of Assistance

- tuition, fees, books, and required supplies
- case management support
- other support services may also be available through the Department of Social and Health Services (DSHS)

## Eligibility Requirements

- a parent of a child 18 years or younger
- receiving TANF/Cash Assistance
- request a referral from a TANF/DSHS Case Manager
- enrolled in Adult Basic Education (ABE), English as a Second Language (ESL), General Education Development (GED), or High School+, or Professional/Technical Programs

## Other Types of Aid

### Shoreline Community College Foundation

(206) 546-4755 • [sccfoundation@shoreline.edu](mailto:sccfoundation@shoreline.edu) • 1000 Building (ADMIN), Room 1005  
[shoreline.edu/foundation](http://shoreline.edu/foundation)

Shoreline Community College's Foundation is dedicated to increasing student access and success at the College through raising funds, building partnerships, and advocating for students and the College. The Foundation offers scholarships and provides emergency financial assistance to eligible students with pressing needs. It currently manages multiple accounts and endowments on behalf of generous donors and departments for the benefit of students.

The Foundation is governed by a volunteer Board of Directors that includes alumni, business and industry representatives, community leaders, and educators.

### High School Programs

[shoreline.edu/high-school-programs/high-school-completion](http://shoreline.edu/high-school-programs/high-school-completion)

Shoreline Community College's High School Completion Program can help students who are 18 or older earn a high school diploma. Additionally, students who are enrolled at a high school full-time may also be eligible to earn a high school diploma from their high school by attending courses at Shoreline Community College and transferring the credits to their high school.

Students who are 19 or older pay a reduced fee per credit for their high school completion courses. They must complete a Tuition Waiver Form to receive this reduced tuition.

### Choose Courses

(206) 546-4559 • [advising@shoreline.edu](mailto:advising@shoreline.edu) • 5000 Building (FOSS), Room 5229  
[shoreline.edu/advising](http://shoreline.edu/advising)

Students are encouraged to meet with an advisor to plan their courses for the next quarter before enrolling. They can determine which courses they need by reviewing their planning guides, degree progress, and specific educational goals.

Students should make sure they have completed prerequisites, choose instructors that fit their learning style, and schedule courses to accommodate their work and personal needs. They should also confirm that the courses they plan to take align with funding guidelines.

### Enroll in Courses

(206) 546-4611 • [enrollmentservices@shoreline.edu](mailto:enrollmentservices@shoreline.edu) • 5000 Building (FOSS), Room 5200  
[shoreline.edu/apply-and-aid](http://shoreline.edu/apply-and-aid)

### How to Enroll in Courses

Students accepted into the college can enroll in courses online from the start of the open enrollment period through the first week of each quarter. Continuing students are given the first opportunity to register, prioritized for students who have completed the most credits, which allows students to move up in priority each quarter they attend.

- use the course schedule to find courses offered for the upcoming quarter.
- log in to ctcLink and find your enrollment date under Enrollment > Enrollment Dates.
- enroll online with ctcLink or submit a registration form in person at our Enrollment Services Department.
- pay tuition by the deadline to avoid being dropped from courses.

### Advisor Approval

We encourage all students to meet with an advisor before enrolling in courses at Shoreline Community College.

However, students in the following categories will need approval from an advisor to enroll in courses:

- non-immigrant international students enrolled at Shoreline Community College.
- students enrolled in English as a Second Language (ESL) courses.
- students enrolled in a professional-technical program with competitive admission.
- students enrolled in Running Start or High School Completion Programs.
- students who need to verify a prerequisite for a course.

### Priority Enrollment Status

Veterans, qualified military-connected students, and students with disabilities receive priority enrollment status. These students should contact Veteran & Military Student Services or Student Accessibility Services to make sure they receive this priority status.

## Course Waitlists

[shoreline.edu/apply-and-aid/registration/waitlist-procedure.aspx](https://shoreline.edu/apply-and-aid/registration/waitlist-procedure.aspx)

If a course is fully enrolled, students who try to enroll in the class from the fill date through the third day of the quarter may be able to join the course waitlist. If spots open in the class, ctcLink will automatically notify students who are removed from the waitlist to be enrolled in the class. This update occurs daily.

However, students who try to enroll in full courses from the fourth day onward will need their instructor's approval and to submit a Schedule Change Form to 'overload' into the course.

Students on course waitlists should plan to attend the first day of class and inform the instructor of their interest in enrolling.

Students may be unable to join a course waitlist if any of the following situations apply.

- a hold is on their account
- the waitlist deadline has passed
- they have reached the 8-credit waitlist limit
- the waitlist is full
- they are already enrolled in the course section
- they attempt to enroll before their enrollment period
- the course is Open-Ended Enrollment (OEE)

## Adding or Dropping Courses

[shoreline.edu/apply-and-aid/registration/add-drop.aspx](https://shoreline.edu/apply-and-aid/registration/add-drop.aspx)

Add/Drop Dates, Tuition Refund Dates, and more can be found on the Academic Calendar.

### Adding Courses

Students can add open courses online through ctcLink but will need instructor approval to add full courses during the first five days of the quarter. Students can submit a Petition for Late Enrollment Form, which requires approval from both the instructor and the dean, to add classes from days six to ten. This option is only available in special and unusual circumstances.

### Dropping Courses

Students can drop courses online through ctcLink before the tenth day of the quarter. Dropping a course after the tenth day of the quarter requires the instructor's approval, incurs a \$15 add/drop fee, and results in a "W" Grade recorded on the transcript. Dropping courses can impact a student's financial aid status and progress toward their degree, so it is important to review potential impacts before doing so.

### Getting Dropped from Courses

Students dropped from courses can re-enroll but may be placed on a waitlist if the courses are full. Students dropped from courses after the fifth day will need their instructor's approval to re-enroll and must submit a Schedule Change Form to the Enrollment Services Department.

## Tuition and Fees

[shoreline.edu/apply-and-aid/cashiering/tuition-fees.aspx](https://shoreline.edu/apply-and-aid/cashiering/tuition-fees.aspx)

Shoreline Community College offers tuition rates for residents of Washington State, non-residents who are citizens of the U.S., and international students. Payment for tuition and fees is due two weeks before the first day of each quarter. Students who submit their application for Financial Aid by the deadline and are offered financial aid are exempt from the tuition payment due dates.

- tuition rates are subject to change by the Washington State Legislature and State Board for Community & Technical Colleges (SBCTC).
- all fees are subject to change pending proposed fee increases by the College's Associated Student Government (ASG) and subsequent approval by the Board of Trustees, or further clarification of actions by the Legislature.
- students are required to enroll in at least 12 credits for purposes of being considered "full-time" for funding from federal and state financial aid programs, the Department of Veterans Affairs, the Social Security Administration, and most other outside agencies.

## Pay Tuition

[shoreline.edu/apply-and-aid/cashiering/payment-methods.aspx](https://shoreline.edu/apply-and-aid/cashiering/payment-methods.aspx)

Students are not officially enrolled in classes until tuition and fees have been paid in full to Shoreline Community College or if contracted for full payment through a deferred payment plan. Payments must be received before the posted tuition deadline.

Students can first confirm how much they owe in tuition and fees by viewing their account balance in ctcLink. They can then pay tuition and fees using the following methods.

- online (with a credit card)
- a payment plan
- a check or direct deposit
- Flywire (for international students)

## Drop for Non-Payment of Tuition

Students who do not pay their tuition by the deadline may be administratively dropped from their course(s) for which no payment was made. Shoreline Community College will notify students of this action via their preferred email address.

Students can re-enroll in courses in ctcLink if they are not full and can re-enroll without instructor permission by contacting our Enrollment Services Department on the day they were dropped if the courses are full. Students who contact the Enrollment Services Department more than one day after they were dropped will be added to the course waitlist instead.

# Residency Status

[shoreline.edu/apply-and-aid/cashiering/residency-policy.aspx](http://shoreline.edu/apply-and-aid/cashiering/residency-policy.aspx)

Students are initially classified as "resident" or "non-resident" based on their application for admission to Shoreline Community College and in compliance with state residency laws in Washington State.

## Changes to Residency Classification

Students can submit a Residency Questionnaire with supporting documentation to [residency@shoreline.edu](mailto:residency@shoreline.edu) before registration or within 30 days of the quarter's start to apply for a change in their residency classification.

## Requirements for Residency Status

Students must provide documentation that shows they meet the following guidelines to establish residency in Washington State.

- they did not come to Washington State primarily for educational purposes.
- they have lived in Washington State for at least 12 consecutive months as legal residents.
- they have established legal ties such as bank accounts, a driver's license/State ID, or employment.
- they are financially independent for both the current and the previous calendar years. However, their residency status is based on whether their parent(s) or legal guardian(s) meet all residency requirements if they are not financially independent.

## Other Conditions for Residency Status

Students can also qualify for residency status under the following conditions.

- they are members or dependents of the US Military or Washington National Guard.
- they are members of certain Native American Tribes as outlined in the Revised Code of Washington 28B.15.0131.
- they are non-citizens of the U.S. without permanent resident status who attended high school in Washington State for at least three years, graduated, and are eligible for Senate Bill 5194.

# Holds on Student Accounts

Students who have holds placed on their accounts are prevented from enrolling in courses or paying for tuition. It may take up to 24 hours for the Enrollment Services Department to process the release of a hold on a student's account.

Shoreline Community College may place holds on students' accounts for the following reasons:

- students under 16 will have a hold on their account until they meet with our Enrollment Services Department.
- students with unpaid debts to the College, such as parking or library fines, will have a hold on their account until their debt is paid.
- students placed on academic intervention or restriction will have a hold on their account until they

meet with an advisor and meet requirements for the expected quarterly Grade Point Average (GPA) and earned credits.

- students involved in conduct or disciplinary issues will have a hold on their account per the guidelines set by the Conduct Officer.

# Tuition Refund Policies

[shoreline.edu/apply-and-aid/cashiering/refunds.aspx](http://shoreline.edu/apply-and-aid/cashiering/refunds.aspx)

Students who have paid tuition and withdraw from all or some of their courses during the first three weeks of the quarter (or summer equivalent) may be owed a refund. However, students who withdraw without complying with the official withdrawal process, and students who are asked to withdraw by the College, do not receive a refund of fees. Additionally, recipients of financial aid may be required to repay some or all financial aid after withdrawal depending on the type of aid received, the documented last day of attendance, and applicable rules and regulations governing financial aid.

- payments made in full with a credit card will be refunded to the card that was originally used (unless paid with a payment plan).
- payments made with a payment plan will be refunded by check payable to the student.
- payments by cash or check will be refunded in the form of a check payable to the student.

# Tuition Refund Schedule

- **Through the First Week of the Quarter:** 100% refund except for fees listed as non-refundable; there will be no record of the course on the student's transcript.
- **Second Week of the Quarter:** 50% refund except for fees listed as non-refundable; there will be no record of the course on the student's transcript.
- **Third Week of the Quarter:** 50% refund except for fees listed as non-refundable; the instructor's approval is required to withdraw and the course will appear on the student's transcript as a 'W' Grade.
- **After the Third Week of the Quarter:** no refund will be issued.

# Student Records

(206) 546-4611 • [enrollmentservices@shoreline.edu](mailto:enrollmentservices@shoreline.edu) • 5000 Building (FOSS), Room 5200  
[shoreline.edu/apply-and-aid](http://shoreline.edu/apply-and-aid)

# Confidentiality

Shoreline Community College protects student privacy as required by the Family Educational Rights and Privacy Act (FERPA) of 1974. Students can request that all personal information be kept confidential by contacting our Enrollment Services Department.

# Name Changes

[shoreline.edu/apply-and-aid/name-change.aspx](http://shoreline.edu/apply-and-aid/name-change.aspx)

Students are required to submit legal documentation for a change of name on their official record at Shoreline Community College. Acceptable documentation includes a marriage certificate, court order, divorce decree with name change, or legal photo ID. Students can submit the Student Information Update Form to our Enrollment Services Department to complete a legal name change.

Shoreline Community College also recognizes that students may want to use a preferred name. Students can set a preferred name in ctcLink which will also be automatically updated in Canvas. They can also contact our Enrollment Services Department to have their preferred name changed across all systems at Shoreline Community College.

## Student ctcLink Identification Number

[shoreline.edu/ctclink/ctclink-students.aspx](http://shoreline.edu/ctclink/ctclink-students.aspx)

Students receive a randomly assigned student identification number (called a "ctcLink ID") after they are admitted to a member college of the State Board for Community & Technical Colleges (SBCTC). If the student applies to another member college, the same ctcLink ID will be used at the new college. Students can use their ctcLink ID to manage admissions, enrollment in courses, financial aid, personal information, academic records, and more.

**Note:** Shoreline Community College does not require students to disclose their Social Security Number. However, some students may be asked to provide their Social Security Number for financial aid, the Federal American Opportunity Tax Credit, employment in any position at Shoreline Community College including work-study, and workforce and employment security reporting. Social Security Numbers are kept confidential and protected under the Family Educational Rights and Privacy Act (FERPA) of 1974.

## Student Identification Cards

[shoreline.edu/apply-and-aid/registration/sid-pin.aspx](http://shoreline.edu/apply-and-aid/registration/sid-pin.aspx)

Student ID Cards are important because they prove a student is enrolled at Shoreline Community College. They can also give students discounts at many businesses and organizations. Student ID Cards are required for current students who attend class on campus but are optional for online students.

Students can get a Student ID Card at the Enrollment Services Department in the 5000 Building (FOSS), Room 5200, Monday - Thursday from 9:00 - 11:00am and 2:00 - 4:00pm. They will need their ctcLink ID, a copy of their current class schedule, and a valid, government-issued photo ID.

A student's first Student ID Card is free and will work as long as they are enrolled at Shoreline Community College. Replacement cards can be purchased for \$10.

## Transcript Requests

(206) 546-4614 • [transcripts@shoreline.edu](mailto:transcripts@shoreline.edu) • 5000 Building (FOSS), Room 5200

[shoreline.edu/apply-and-aid/transcript-requests.aspx](http://shoreline.edu/apply-and-aid/transcript-requests.aspx)

Transcripts list a student's coursework and grades to date.

### Unofficial Transcripts

Unofficial Transcripts allow students to view their current academic progress. Students can view their Unofficial Transcripts in ctcLink at no cost.

### Official Transcripts

Official Transcripts may be needed to support an application to another college or university; they include the signature of Shoreline Community College's Registrar and the College's official seal. Students can request Official Transcripts online through Parchment or submit a Transcript Request Form in person or by mail at no cost.

Requests for transcripts are typically processed within 3-5 business days. Same-day transcripts can be requested by mail, email, or in person for an additional fee of \$20.00.

### GED Transcripts & Exam Results

Students can review their General Educational Development (GED) transcripts and exam results at [ged.com](http://ged.com).



# Student Services

## Advising

(206) 546-4559 • [advising@shoreline.edu](mailto:advising@shoreline.edu) • 5000 Building (FOSS), Room 5229  
[shoreline.edu/advising](http://shoreline.edu/advising)

Advising at Shoreline Community College starts before students enroll in classes and continues until they complete their educational goals. It is a partnership between students and advisors to help clarify personal and career goals, create educational plans, make good academic decisions, and track progress. We encourage all new students at Shoreline Community College to meet with an advisor for an Entry Advising Appointment before registering for their first-quarter classes.

Advisors can help students in the following ways.

- access transfer, course equivalency, and planning guides
- develop strategies and an educational plan to achieve goals
- explain the College's policies and procedures
- provide information about admissions and registration, class placement and selection, transcript evaluation, graduation requirements, and transfer to a college or university
- identify educational and career goals
- locate campus resources
- understand the prerequisites for different programs

Students can receive advising from advisors in the Advising Center, faculty in the instructional divisions, or virtually. Students can:

- schedule appointments with advisors in the Advising Center with Starfish or by phone. Drop-in Advising is also available daily between 10:00am - 2:30pm in person or by phone.
- connect with faculty in the instructional divisions during their posted office hours or by appointment.

## New Student Onboarding

(206) 546-5862 • [navigate@shoreline.edu](mailto:navigate@shoreline.edu)  
[shoreline.edu/advising/new-student-onboarding.aspx](http://shoreline.edu/advising/new-student-onboarding.aspx)

Shoreline Community College's New Student Onboarding has two parts.

- Students will first complete the Onboarding Canvas Experience for Admitted New Students (OCEANS). This short online course can be done at your own pace and covers degree options, campus resources, and how to enroll in classes. OCEANS also includes a survey that helps our advisors learn more about you, your background, and your program plan, which they use to prepare for your Entry Advising Appointment.

- Students will then meet with an advisor to sign up for courses. You will also be invited to join College Orienting Resources and Learning (CORAL), an open-house event where you can learn about campus life, financial services, online tools, and more!

## Assessment & Testing Center

(206) 546-4608 • [testcenter@shoreline.edu](mailto:testcenter@shoreline.edu) • 5000 Building (FOSS), Room 5100  
[shoreline.edu/testingcenter](http://shoreline.edu/testingcenter)

Shoreline Community College's Assessment & Testing Center offers various placement and testing services for current, new, and returning students, as well as for students from other colleges who need proctoring services or are taking the General Educational Development (GED) exam. Assessment results are available right away and should be brought to orientation and advising appointments.

You can be placed into courses through a review of transcripts, previous exam scores, an assessment test, or informed self-placement. Contact an academic advisor to find out which method is best for the courses or program you want.

Students who speak English as a foreign language and have been in the United States for less than four years should have their English skills assessed according to the policies and procedures of the College's English as a Second Language (ESL) Program.

## Career Center

(206) 533-6655 • [careercenter@shoreline.edu](mailto:careercenter@shoreline.edu) • 9000 Building (PUB), Room 9203  
[shoreline.edu/job-career-services/career-center](http://shoreline.edu/job-career-services/career-center)

Shoreline Community College's Career Center helps all current and former students, as well as community members, with career exploration and job preparation.

The Career Center can help students in the following ways.

- align interests with occupations they want to pursue.
- explore degrees and certificates to help them reach their goals.
- find internships and jobs.
- prepare resumes, cover letters, and job applications.
- prepare and practice for interviews.
- and more!

## Community Employment Program (CEP)

(206) 546-5823 • [cep@shoreline.edu](mailto:cep@shoreline.edu) • 2900 Building, Room 2910  
[shoreline.edu/oss/cip.aspx](http://shoreline.edu/oss/cip.aspx)

The Community Employment Program (CEP) at Shoreline Community College is funded by a grant and mainly helps adults with developmental disabilities. It offers personalized services to support them in finding jobs in the community. We believe that everyone, no matter their ability, has the right to choose their own path to employment.

Students can receive support from the CEP through the State of Washington's Developmental Disabilities Administration, the Division of Vocational Rehabilitation, or private pay (in which they pay quarterly for a pre-determined amount of service hours).

## Counseling

(206) 546-4594 • 5000 Building (FOSS), Room 5251  
shoreline.edu/counseling-center

Shoreline Community College's Counseling Center provides free, confidential, and professional counseling services, resources, and referrals to support the academic and personal success, health, and well-being of our students and the campus community.

Students often visit the Counseling Center to discuss a wide variety of topics: anxiety, depression, relationship concerns, and stress management; indecision about major or career path; and academic concerns such as failing grades, struggling with a subject, or managing a learning disability. The Counseling Center also supports students who may be feeling suicidal or in crisis.

- Counselors provide consultation to faculty, staff, parents, or friends who may be concerned about a student and facilitate guided referrals to campus and community resources.
- The Counseling Center offers a variety of workshops, presentations, and activities that support wellness and health promotion.
- Counselors also teach courses in Human Development that focus on personal growth, development, and success.

## Gender Equity Center

(206) 546-4715 • [genderequity@shoreline.edu](mailto:genderequity@shoreline.edu) • 9000 Building (PUB), Room 9202  
shoreline.edu/gender-equity-center

Shoreline Community College's Gender Equity Center (GEC) is a friendly, supportive environment for people of all gender identities to explore, celebrate, and educate the campus community about gender issues, including Title IX, LGBTQ+, and women's rights. The GEC works to disrupt cycles of oppression and break down gender-based barriers through education, leadership development, and advocacy.

The space promotes dialogue by offering a variety of year-round programming and support services and is open to everyone at Shoreline Community College regardless of gender. It also provides leadership and direction to the Benefits Hub to promote and provide resources to students in partnership with United Way of King County and the Shoreline Community College Foundation.

## International Education

(206) 546-4697 • [international@shoreline.edu](mailto:international@shoreline.edu) • 9000 Building (PUB), Room 9302  
shoreline.edu/international

Shoreline Community College is dedicated to global education and welcomes international students from all over the world to study in our university transfer, professional-technical, and English as a Second Language (ESL) programs.

The International Education (IE) Department helps international students with admissions, immigration, college orientation, cultural adaptation, academic advising, and social and leadership activities. It also works with local, national, and international partners to promote global awareness, understanding, and cultural exchange.

## Study Abroad

Shoreline Community College's study abroad and study away programs provide opportunities for students to learn about the culture in the place of study while encouraging self-discovery and shaping the role students will play in their future communities.

## Library and Learning

### Commons

(206) 533-2548 • [library@shoreline.edu](mailto:library@shoreline.edu) • 4000 Building (LIBRARY)  
library.shoreline.edu

The Ray W. Howard Library and Learning Commons has various study areas for individuals and groups. It features modern classrooms and labs for research, as well as computers available for everyone to use.

- The first floor houses the Technology Support Services (TSS) Department in Room 4122, The Honors College's Student Lounge in Room 4106, as well as faculty offices for the Performing Arts and Digital Film Department and a Black Box Theater that serves as the department's rehearsal and performance space.
- The second and third floors house eLearning Services in Room 4228, the Student Learning (Tutoring) Center in Room 4213, a classroom, computers for student use, and group study rooms. Physical collections, such as graphic novels, zines, board games, and other resources are also available to students, faculty, and staff, as well as laptops and other equipment for checkout.

Librarians and staff are available throughout the library to help students with whatever they need. They can provide general guidance, help with specific subjects, and teach research skills.

Students can access digital resources like books, encyclopedias, journals, newspapers, and streaming media, as well as research help, tutorials, and other resources, on the library's website.

## Multicultural Center

(206) 533-6618 • 9000 Building (PUB), Room 9201  
shoreline.edu/multicultural

Shoreline Community College's Multicultural Center (MC) is a place for people to meet, explore their cultural origins, and work toward understanding, respect, and appreciation of the diversity within our campus community and society.

The MC provides information and services that support students' academic, personal, and professional success. Students may explore strategies for reaching their educational goals and receive information about college and community resources. Students are encouraged to share life experiences and learn from each other during social and cultural gatherings.

The MC also offers opportunities for skill and leadership development through workshops, conferences, and community service, and sponsors presentations and performances that highlight aspects of diversity.

## Parent Child Center

(206) 546-4690 • 1900 Building  
shoreline.edu/parentchildcenter

Shoreline Community College's Parent Child Center (PCC) collaborates with faculty members in the Parenting Education Program to provide childcare and early learning services for the children of students, college employees, and community members between the ages of six weeks and five years. The PCC provides breakfast, lunch, and two afternoon snacks which are prepared on-site.

Children of students and employees receive priority enrollment status based on space availability and students are eligible for discounted rates. The PCC accepts subsidies from Working Connections Child Care and is supported by funds from the Associated Student Government (ASG).

The PCC is licensed by the Washington State's Department of Children, Youth, and Families, and participates in the Early Achievers Quality Rating and Improvement System (QRIS).

We are closed on federal and state holidays, one week in August, Opening Week in late September, and several Friday afternoons throughout the year for professional development and training of staff.

## Parenting Education Program

(206) 533-6798  
shoreline.edu/parenting-education

Shoreline Community College's Parenting Education Program (PEP) combines a child-centered preschool laboratory setting with classes and discussions for parents. This helps parents learn positive guidance skills and form their own ideas about family relationships. Parents enroll in college courses for credit, where they study child development, parenting roles, and family communication in a supportive setting.

Our network of seven cooperative preschools features experienced faculty who create and facilitate valuable learning experiences. These experiences empower parents and help them become active partners in their children's education. Each cooperative preschool acts as a separate non-profit institution and is responsible for managing its finances and daily operations.

## Student Accessibility Services

(206) 546-4545 • sas@shoreline.edu • 5000 Building (FOSS), Room 5226  
shoreline.edu/oss/students-with-disabilities

Federal, state, and local laws, as well as Shoreline Community College's policy, prohibit discrimination based on learning, physical, and psychiatric disabilities.

Shoreline Community College's Student Accessibility Services (SAS) Department provides support and reasonable accommodations for students with visible and invisible disabilities who attend classes both on campus and online. We work one-on-one with students to meet their academic and personal needs and help them achieve their educational goals.

Students can use the AIM Student Portal to request accommodations or assistance from the SAS Department for a disability as defined by Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Amendments Act of 2008, the Washington Core Services Bill (RCW 28B.10.912), or the Washington State Law Against Discrimination (RCW 49.60.030).

Students are not required to submit proof of diagnosis to receive academic accommodations, but providing this information may be helpful. Requests for new accommodations are approved through the sixth week of the quarter.

We offer the following accommodations (and more) to students:

- assistance with campus access.
- assistance with notetaking in the classroom.
- audio and video captioning and alternative text formats.
- early registration for classes.
- extra testing time and quiet rooms to help focus on exams.
- housing accommodations.
- sign language interpreters.

## Tutoring Services

### The Student Learning Center

(206) 546-4776 • slc@shoreline.edu • 4000 Building (LIBRARY), Room 4213  
shoreline.edu/apply-and-aid/learning-support-centers

The Student Learning Center (SLC) offers free in-person and online tutoring for most courses at Shoreline Community College. Whether students need help with specific assignments or concepts, are preparing for exams, or want a positive study environment, the SLC is here to help.

Students can schedule an appointment with a tutor in Starfish for both in-person and virtual sessions. Students can also visit one of our Learning Centers during open hours for in-person tutoring and meet with a tutor on Zoom during open hours for virtual tutoring.

## Math and Sciences Learning Center

(206) 546-4776 • slc@shoreline.edu • 4000 Building (LIBRARY), Room 4213  
shoreline.edu/math-learning-center

The Math and Sciences Learning Center (MSLC) offers free in-person and online tutoring for most math and science courses at Shoreline Community College. Our tutors use a student-centered approach, engaging students directly in the learning process to enhance understanding and independent problem-solving skills. Students can also use the space to work on math and science coursework individually or in groups.

Students can schedule an appointment with a tutor in Starfish for both in-person and virtual sessions. Students can also visit Room 4213 during open hours for in-person tutoring and meet with a tutor on Zoom during open hours for virtual tutoring.

## The Writing Studio

(206) 546-7663 • writelearnstudio@shoreline.edu • 4000 Building (LIBRARY), Room 4301  
shoreline.edu/twls

The Writing Studio (WS) offers a friendly, lab-like environment for students to improve their writing, reading, and study skills. We provide instructional handouts, books on writing, reading, vocabulary development, and study strategies. The WS features eight computers and offers free tutoring for reading, writing across the curriculum (e.g., essays, reports, research papers), and personal writing (e.g., personal statements, resumes).

Students can schedule an appointment with a tutor in Starfish for both in-person and virtual sessions. Students can also visit Room 4301 during open hours for in-person tutoring and meet with a tutor on Zoom during open hours for virtual tutoring.

## Transitional Studies Learning Center

(206) 705-8725 • tstudies@shoreline.edu • 5000 Building (FOSS), Room 5205  
shoreline.edu/transitional-studies

The Transitional Studies Learning Center (TSLC) supports students enrolled in our Adult Basic Education (ABE), English as a Second Language (ESL), General Educational Development (GED), and Integrated Basic Education and Skills Training (I-BEST) programs. It provides assistance in language skills, basic math, and digital literacy for academic, professional, and personal growth. The TSLC offers computers, training modules, and

workshops to help students transition to college-level classes and achieve career goals

Students are supported by staff, tutors, and volunteers and can visit in-person and online during open hours.

## eTutoring

etutoringonline.org

Students can access free online tutoring through the Western eTutoring Consortium (WeTC). They can interact with tutors in an online chatroom, submit questions (e.g., difficulty with a math problem), or submit essays and other pieces of writing to the online writing lab (and receive a response within 2 to 48 hours).

## Veteran & Military Student Services (VMSS)

militaryservices@shoreline.edu • 5000 Building (FOSS), Room 5226  
shoreline.edu/oss/veterans

Shoreline Community College has long supported the success of its veteran and military-connected students. Our Veteran & Military Student Services (VMSS) Department strives to support veteran and military-connected students and help them achieve their goals by providing innovative resources and services. Students do not need to be eligible for VA Education Benefits to access services from the Veteran & Military Student Services (VMSS) Department, and all veteran and military-connected students (including dependents) are encouraged to visit our Veterans Resource Center (VRC).

We offer the following services to veteran and military-connected students:

- access to an on-site representative from Vet Corps for assistance navigating community resources.
- access to our Veterans Resource Center (VRC).
- connection with the campus Veterans Engaged for Tomorrow at Shoreline (VETS) Club.
- evaluation of military transcripts.
- referrals for on-campus disability resources, mental health, & wellness counseling.
- support with accessing and understanding GI Bill Education Benefits.
- support with determining tuition discount eligibility.
- veteran-specific orientation and an academic advisor.

Shoreline Community College proudly adheres to the Department of Defense (DOD) Voluntary Education Partnership Memorandum of Understanding, Principles of Excellence, and 8 Keys to Veteran Success.

We follow the American Council on Education (ACE) guidelines to evaluate military training and education records. Veteran and military-connected students working on a transfer degree can usually earn up to 15 credits in restricted electives for their military training and service. Students working on professional-technical degrees should meet with their advisor to evaluate their

military credits. It may be possible to earn credit for military service that directly applies to their chosen professional-technical degree.

Active duty, reserve members, veterans, and eligible family members receive priority enrollment in courses. Military-connected students and student veterans may be eligible for a tuition waiver based on Revised Code of Washington (RCW) 28B.15.621. A tuition waiver is also offered to eligible dependents and spouses based on (RCW) 28B.15.621. Please see the "Veteran/Dependent Waiver" section under the Types of Aid section in the Information about Enrollment section of this catalog.

"I, Derek Levy, Dean of Student Support & Success, do hereby certify that Shoreline Community College does not provide any commission, bonus, or other incentive payment based directly or indirectly on success in securing enrollments or financial aid to any persons or entities engaged in any student recruiting or admission activities or in making decisions about the award of student financial assistance.

The information contained in this catalog is true and correct in content and policy, and I am aware that Shoreline Community College must comply with applicable statutes and regulations and that failure to comply may lead to suspension or withdrawal of programs by the Washington Student Achievement Council (WSAC), State Approving Agency (SAA), and/or Department of Veteran Affairs (DVA)."

## VA Pending Payment Compliance

**Facility Name/Address:** Shoreline Community College / 16101 Greenwood Ave N, Shoreline 98133

**DVA Facility Code:** 14913447

**Person / Title Completing Addendum:** Joshua Salois, Program Specialist 3/School Certifying Official

Shoreline Community College adopts the following additional provisions for any students using benefits from the U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill (Ch. 33) or Veteran Readiness and Employment (Ch. 31) while payment to Shoreline Community College is pending from the VA per Title 38 US Code 3679 subsection (e).

- we will not assess a late penalty fee.
- we will not deny students access to any resources (e.g., courses, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.
- we will not prevent these students from enrolling in courses.
- we will not require these students to secure alternative or additional funding.

However, these students may be required to take the following steps to qualify for this provision:

- produce their Certificate of Eligibility by the first day of class.

- provide a written request to be certified.
- provide additional information needed to properly certify the enrollment as described in other institutional policies.

"I, Joshua Salois, Program Specialist 3/School Certifying Official, do hereby certify this addendum to be true and correct in content and policy."

## Veterans Resource Center (VRC)

206-533-6674 • 5000 Building (FOSS), Room 5225A  
shoreline.edu/oss/veterans/vrc.aspx

Shoreline Community College's Veteran's Resource Center (VRC) is a community of student veterans, military-connected students, and dependents who understand that transitioning from military life to campus life can be difficult. The VRC provides a safe place for students to collaborate academically, share information and resources, and mentor and support one another as they take on the challenges of adjusting from military to student life. The VRC is staffed by work-study student veterans who are readily available to answer questions about the College's policies and procedures and provide basic information on regulations and eligibility related to the VA.

## Technology Support

### Classroom Support Services

(206) 546-6966 • media@shoreline.edu • 1000 Building (ADMIN), Room 1002

Classroom Support Services (CSS) assists students and instructors with classroom audio-visual technology systems, online video conference services, and media tools.

### eLearning Services

(206) 546-6966 • elearning@shoreline.edu • 4000 Building (LIBRARY), Room 4228  
shoreline.edu/elearning-services

eLearning Services offers support to all students enrolled in courses at Shoreline Community College. Technology guidance, success coaching, and peer mentors are just a few of the many resources we offer!

We are available both in-person and virtually to assist with various online learning tools, including Canvas, Panopto, and Zoom. We have partnered with Shoreline Community College's Library to provide laptops for students to check out on a first-come, first-served basis.

eLearning Services also encourages all students to take advantage of the "Online Learning Resources for Students" course in Canvas. This course offers various educational and personal support resources and training modules tailored to your specific needs and interests.

# Technology Support Services

(206) 546-5872 • [tss@shoreline.edu](mailto:tss@shoreline.edu) • 4000 Building (LIBRARY), Room 4122  
[shoreline.edu/tss](http://shoreline.edu/tss)

Technology Support Services (TSS) offers comprehensive support to students, faculty, and staff. We offer help desk support, install hardware and software, support network and Wi-Fi issues, and assist with buying technology.

TSS also services different computer labs on campus for students and gives both students and staff access to video courses taught by industry experts on software, creative skills, and business skills through LinkedIn Learning.

# United Way Benefits Hub

(206) 546-5845 • [benefitshub@shoreline.edu](mailto:benefitshub@shoreline.edu) • 9000 Building (PUB), Room 9102  
[shoreline.edu/apply-and-aid/financial-aid/benefits-hub](http://shoreline.edu/apply-and-aid/financial-aid/benefits-hub)

Balancing work, life, and college isn't easy. That's why the Benefits Hub offers full-service financial assistance and help with resources. Our team is here to help you get connected to:

- **Financial Coaching:** build a personal savings and spending plan, and get assistance with understanding your credit, debt management, banking options, and much more.
- **Paying for College:** apply for and understand FAFSA/WASFA, scholarships, and other funding resources.
- **Housing Support:** access funds, navigate emergency housing, and receive other supports like rent and utility assistance.
- **Benefits Access:** get help signing up for public benefits like a reduced transit fare (ORCA LIFT), food resources including Basic Food (SNAP/EBT/Food Stamps), health insurance, and more.
- **Food Access:** access our open food pantry.
- **Emergency Funds:** receive money to help with unexpected costs including transportation, medical, family/household emergencies, food, and childcare expenses.

# WAVES Center

(206) 533-6661 • Building 1300, Room 1305  
[shoreline.edu/asian-and-pacific-islander-student-center](http://shoreline.edu/asian-and-pacific-islander-student-center)

The mission of Shoreline Community College's WAVES (Worthy of Achievement, Validation, Empowerment, and Success) Center is to remove barriers and promote educational justice for domestic students who identify as Asian American, Native Hawaiian, or Pacific Islander (AANHPI). Our work is rooted in the belief that we are enough and that our ancestors have equipped us with the tools to rise in academic and career achievements.

The WAVES Center guides domestic AANHPI students on a clear pathway to success, empowerment, and identity development with the following services and benefits.

- **AANHPI Cohort:** participate in a combination of classes (AES 102, COL 101, ENGL 101, MCS 105) taught by AANHPI faculty and staff in the first quarter.
- **Application Assistance:** get help with admission and financial aid applications, and access to AANHPI-focused scholarships through APIA Scholars.
- **College Success Course:** a course tailored for domestic AANHPI students focusing on non-traditional strategies for college success.
- **Community Building:** opportunities to build a support network within the AANHPI community on campus.
- **Cultural Library:** access to books available for checkout.
- **Dedicated Support:** full-time staff and Peer Mentors offer guidance on academics, financial aid, and campus life.
- **Hangout Space:** a welcoming area to meet friends, eat, and use computers.
- **Resource Navigation:** support and referrals for navigating Shoreline Community College resources, as well as trauma and mental health services.
- **Service-Learning Projects:** engage in projects that connect students to volunteer and career opportunities with community partners.
- **Workshops and Events:** participate in quarterly informative and cultural workshops, socials, and events.

Students can schedule appointments with WAVES Support Staff with Starfish.

# WorkSource Job Connections Center

(206) 546-5882 • workforce@shoreline.edu • 5000 Building,  
Room 5101  
shoreline.edu/workforce/worksource

WorkSource partners are equal-opportunity employers and offer job and training services to everyone. Additional support is available for people with disabilities through Washington Telecommunication Relay Services (WATRS).

Shoreline Community College is a WorkSource Connections site. We work with King County to help community members find jobs and get the training they need.

## **We offer the following services.**

- access to computers, phones, copiers, faxes, and onsite job boards.
- connections to community resources (e.g., childcare, foodbank, healthcare).
- information about paying for education.
- access to an onsite representative from the Employment Security Department who can help with finding employment, resumes, cover letters, & interview skills as well as completing paperwork for Unemployment Benefits.

# Other College Services

## Campus Bookstore

(206) 546-4732 • 2187mgr@follett.com • 9000 Building (PUB), Room 9114  
shorelinebookstore.com

Shoreline Community College's Campus Bookstore offers textbooks, as well as materials, supplies, branded t-shirts and sweatshirts, snacks, gifts, and more to support the diverse needs of students, staff, and community members.

## Finding and Buying Textbooks for Students

- students can find and buy their textbooks on the Campus Bookstore's website.
- students can also sell their textbooks back to the Campus Bookstore at the end of each quarter.

### Submitting Textbooks Orders for Faculty Members

- faculty members can submit textbook orders for courses they will teach on the Online Adoption to Order Course Materials.

## Campus Safety & Security

(206) 546-4633 • safetyandsecurity@shoreline.edu • 5000 Building (FOSS), Room 5102  
shoreline.edu/safetyandsecurity

The mission of Shoreline Community College's Campus Safety and Security Department is to promote a safe and welcoming environment to improve the quality of campus life for everyone learning and working at Shoreline Community College. We provide professional and effective campus safety services such as traffic safety, parking, emergency preparedness and response, and crime prevention by working in partnership with the campus community and the Shoreline Fire and Police Departments.

A security officer is on duty 24 hours a day, 7 days a week for emergencies. You do not need to dial a number or extension at one of our 15 emergency (blue light) telephones.

- Call (206) 235-5860
- Call 911 if you cannot reach the officer on duty

## Dental Hygiene Clinic

(206) 546-4711 • dentalhygiene@shoreline.edu • University of Washington, Montlake Campus  
shoreline.edu/dental-hygiene-dept/dental-services

Shoreline Community College's Dental Hygiene Clinic is a non-profit clinic run in partnership with the University of Washington School of Dentistry. Our partnership allows students to expand their skills and offer additional dental services, all while providing quality patient-centered care.

Our advanced students provide quality care, such as x-rays, deep cleanings, sealants, and fillings, with direct supervision from registered dental hygienists and licensed dentists, and offer a range of services at reduced cost.

## Dining on Campus

(206) 546-6918 • 9000 Building (PUB)

Food service needs for persons with disabilities should be directed to the Student Accessibility Services Department in the 5000 Building (FOSS), Room 5226.

## Avanti Market

The Avanti Market provides quick and easy access to healthy and convenient food options including fresh fruits, salads, and sandwiches as well as a variety of snacks, beverages, and hot entrees. Food is restocked regularly and is responsive to demand.

Payment options include cash, credit card, and mobile pay via the provided kiosks, the Avanti Mobile App, as well as re-loadable market cards, and fingerprint scanning.

## From Bean to Cup

Three hot beverage stations located inside the lobby of the 9000 Building (PUB) provide quick and easy on-the-go options including coffee, hot chocolate, and tea.

Payment options include cash, credit card, and mobile pay via the provided kiosks.



## Food Trucks

SeattleFoodTruck.com offers additional hot food entrees via mobile vendors located in the courtyard just outside the 9000 Building (PUB) to supplement the self-service fresh market choices offered by Avanti. Different cuisines are rotated and offered twice a week on Tuesdays and Thursdays between 11:00am - 2:00pm.

Payment options include cash, credit card, or mobile pay.

## International Student Medical Insurance

[shoreline.edu/international/admission/medical-insurance.aspx](http://shoreline.edu/international/admission/medical-insurance.aspx)

Federal and Washington State laws require international students to maintain adequate health insurance while attending Shoreline Community College. Additionally, Shoreline Community College requires that all international students with an F-1 Visa carry insurance issued through the College; the cost of medical insurance is automatically included in their tuition and fees.

Students are responsible for their healthcare expenses in the United States, and a single day of hospitalization can cost thousands of dollars. We contract with LewerMark Student Insurance to provide international students with access to excellent medical facilities and protection against the substantial costs of health care in the United States.

## Parking and Transportation

(206) 546-4633 • [safetyandsecurity@shoreline.edu](mailto:safetyandsecurity@shoreline.edu) • 5000 Building (FOSS), Room 5102  
[shoreline.edu/safetyandsecurity/parking.aspx](http://shoreline.edu/safetyandsecurity/parking.aspx)

The Campus Safety and Security Department at Shoreline Community College manages the rules and regulations for pedestrian, vehicular, and non-vehicular traffic on campus. RCW 28B.50.140 (10) grants these rules and regulations to the College to ensure fair and uniform enforcement. Violations may result in fines and violations of the Student Conduct Code.

## General Parking

General parking on campus requires a permit. Daily permits can be purchased at pay stations for \$3.00 (2 hours), \$5.00 (4 hours), or \$7.50 (all day). Quarterly permits are available for \$45 plus tax at the Cashier's Office in the 5000 FOSS Building, Room 5227. Permits must be displayed on the vehicle's rearview mirror and do not guarantee a parking spot.

Free parking is available after 4:00pm Monday through Friday, and all day on weekends, holidays, and during campus closures. Students may park in staff and visitor lots during these times.

## Motorcycle and Bicycle Parking

Motorcycles and bicycles have designated areas for parking and do not require permits. Bicycles must be locked to bike racks only. Those locked in non-designated areas may have their locks cut and be impounded by Campus Security.

## Disabled and Carpool Parking

Disabled parking requires a valid Washington State Disabled Parking Permit.

Carpool parking permits are free for vehicles with two or more students. You can obtain these permits from the Campus Safety & Security Department.

## Parking Violations and Fines

[shoreline.edu/safetyandsecurity/appealcitation.aspx](http://shoreline.edu/safetyandsecurity/appealcitation.aspx)

Parking in prohibited areas or illegally can lead to fines or vehicle impoundment; multiple unpaid violations may also result in impoundment. Prohibited areas include bus zones, fire lanes, landscaped areas, loading zones, "no parking" areas, red-zoned curbs, roadways, service driveways, walkways, and pedestrian paths. Additional violations include blocking a fire hydrant, blocking another car, double parking, outstanding unpaid citations, or parking in tow-away zones.

Fines can be paid at the Cashier's Office. Appeals must be submitted to the Safety & Security Office within five business days of the citation date; after this period, the right to appeal is waived.

## Student Housing

(206) 737-0712 • [hello@7000campusliving.com](mailto:hello@7000campusliving.com) • 9000 Building (PUB), Room 9301  
[shoreline.edu/housing](http://shoreline.edu/housing)

Our 7000 Residence Hall opened in Fall 2019 and features 68 units that house approximately 230 students in studios and 2- & 4-bedroom apartments. All units include full kitchens, bathrooms, high-speed internet, and basic utilities. The Residence Hall also features onsite laundry facilities, indoor/outdoor community spaces, and staff support available 24 hours a day, 7 days a week.

Students can apply for housing online. 9 & 12-month leases are available.

# Student Life

## Student Life

(206) 546-5862 • studentlife@shoreline.edu • 9000 Building (PUB), Room 9301  
shoreline.edu/campus-life/student-life

The student life experience at Shoreline Community College extends beyond the classroom, welcoming students from all backgrounds and fields of study.

Our Student Life Department offers opportunities to explore new interests and develop personal, leadership, and life skills by engaging with the campus community. Students can attend educational programs and events outside the classroom, join clubs and organizations, participate in intramural or intercollegiate sports, and collaborate with peers, faculty, and staff involved in these activities. Our Student Life Department also organizes major campus events like Welcome Week and Commencement.

Students who participate in extracurricular activities can learn valuable skills, build a strong sense of community and lifelong connections, and grow as leaders by taking on leadership roles.

## Student Government

shoreline.edu/campus-life/student-life/student-government

Our Associated Student Government (ASG) is the representative voice for all students at Shoreline Community College. It is comprised of 9 student officers who offer valuable perspectives to the College. These student officers engage with our college's Board of Trustees, faculty, staff, and governance committees to enhance the learning environment, policies and procedures, and guide the overall direction and priorities of the College. Our ASG also facilitates different activities and platforms to provide all students with opportunities to voice concerns about issues important to them.

Our ASG oversees the Services and Activities (S&A) Fee, the Student Technology Fee, and the Sustainability & Commuter Options Fee (SCOF). It allocates these funds and provides advocacy and support to various campus programs, clubs, and organizations.

Our ASG has also led and influenced many campus initiatives, including creating the Multicultural Center, implementing the Student Technology and SCOF fees, expanding the shuttle service, and adding water bottle filling stations and all-gender restrooms.

## Arts & Entertainment Board

shoreline.edu/campus-life/student-life/arts-entertainment-board.aspx

Shoreline Community College's Arts and Entertainment (A&E) Board includes student event coordinators, graphic designers, and media technicians who support clubs and programs at Shoreline Community College throughout the academic year. These paid positions help students gain experience while providing services to all clubs and programs funded by the Services & Activities Fee, including Welcome Week and Sun Fest. Our A&E Board also creates and distributes the College's annual Survival Guide to provide valuable resources and important dates to promote student success.

All events organized by our A&E Board are free and open to current students at Shoreline Community College.

## Intercollegiate Athletics

(206) 546-4745 • athletics@shoreline.edu • 3000 Building (GYM), Room 3024  
shoreline.edu/athletics

Shoreline Community College's Athletics

Department offers student-athletes the opportunity to compete in Men's and Women's Basketball, Men's and Women's Soccer, Women's Volleyball, Men's Baseball, and Women's Softball. Our teams are aligned with the Northern Region of the Northwest Athletic Conference (NWAC) which includes community colleges in the Greater Seattle Area as well as West and North of the city into British Columbia, Canada. They routinely travel to Eastern Washington, Oregon, and other national and regional areas for non-regional play.

Academics are important to our Athletics Department, and each quarter several student-athletes are showcased on the department's academic wall. The department is committed to helping student-athletes complete their degrees or certificates and become eligible to compete at four-year colleges. Additionally, we can cover up to 65% of tuition per quarter for some student-athletes according to the rules of NWAC. Partial scholarships and athletic-funded jobs are also available for student-athletes.

Our facilities include a fitness center, batting cages, an academic center for student-athletes, and a gymnasium. The gym offers basketball courts, a weight room, and locker facilities for use by students, faculty, and staff.

# Intramural & Wellness Activities

(206) 546-6994 • 3000 Building (GYM), Room 3204

[shoreline.edu/athletics/intramurals.aspx](http://shoreline.edu/athletics/intramurals.aspx)

Shoreline Community College's Intramurals Department invites all students to participate in a variety of free intramural activities, including badminton, basketball, personal training, pickleball, soccer, volleyball, and yoga. These activities and related tournaments are offered to both teams and individuals. We welcome participants of all ages and skill levels to participate in their favorite activities as individual events or all year-long.

Our Athletics, Physical Education, and Intramurals Department is dedicated to offering activities and programs that support the interests of students at Shoreline Community College. We encourage students to suggest new activities and programs to the Department's Director.

# Policies for Students

## Summary of Student Rights

[shoreline.edu/about-shoreline/policies-procedures](http://shoreline.edu/about-shoreline/policies-procedures)

Student Rights and Responsibilities are protected through policies and procedures adopted by Shoreline Community College's Board of Trustees.

## Title IX

(206) 533-6746 • [titleixcoordinator@shoreline.edu](mailto:titleixcoordinator@shoreline.edu) • 1000 Building (Admin), Room 1016  
[shoreline.edu/title-ix](http://shoreline.edu/title-ix)

Shoreline Community College complies with Title IX of the Educational Amendments of 1972 which prevents discrimination based on sex and protects students from sexual harassment in all programs and activities at our college. This includes academics, extracurricular activities, athletics, and other programs. Sexual harassment, which is unwelcome conduct of a sexual nature and includes sexual violence, is considered sex discrimination and is against Title VII of the Civil Rights Act of 1964.

We offer all educational programs and services without discrimination based on race, creed, disability, religion, color, national origin, age, marital status, gender, sexual orientation, or status as a Vietnam-era or disabled veteran in compliance with Title VI of the Civil Rights Act of 1964.

We also make sure that all educational programs are accessible to all people no matter their physical status in compliance with Section 504 of the Rehabilitation Act of 1973. No student with a disability who is otherwise qualified and can perform adequately in an academic environment will be excluded, denied benefits, or subjected to discrimination in any program, activity, or service at Shoreline Community College. All campus facilities and programs will be accessible to people with disabilities. We will provide reasonable accommodations unless doing so would cause our college too much difficulty ("undue hardship").

## Freedom from Discrimination

Shoreline Community College does not allow any kind of illegal discrimination, including sexual harassment, by or towards any student, instructor, administrator, or staff member. You are encouraged to contact the Title IX Coordinator or the Vice President of Instruction if you believe you have been harassed or discriminated against because of your race, ethnicity, gender, age, or marital status.

(See Policy 4111 - Affirmative Action/Equal Opportunity and Policy 4113 - Discrimination, Harassment and Title IX).

## Academic Credit by Prior Learning Assessment

[shoreline.edu/apply-and-aid/registration/credit-for-prior-learning](http://shoreline.edu/apply-and-aid/registration/credit-for-prior-learning)

Students can earn academic credit for prior learning by demonstrating that their experience meets the outcomes of college classes. Shoreline Community College acknowledges that students may have gained college-level knowledge and skills through employment, military service, internships, independent research, volunteer work, and previous classwork. We have an assessment process to award credit for prior learning which can help students to minimize the loss of credit and avoid repeating educational achievements.

Credit for prior learning needs to align with current theories, practices, and content in the specific academic field, as evaluated by faculty with expertise in that field. The evidence of learning should be thorough, verifiable, real, and up-to-date. High academic standards will be used, and modern methods for assessment will be applied. This might include portfolio reviews, standardized tests, demonstrations, projects, interviews, or other methods chosen by the faculty. The outcomes from prior learning need to match all the goals of the college coursework to qualify for credit, and not all classes are eligible for credit through prior learning. Additionally, some colleges and universities may not accept these credits for transfer.

Students interested in earning academic credit for prior learning should meet with faculty advisors to discuss the feasibility, available options, petition process (if applicable), and required documentation. They can contact the program or division for a list of classes eligible for Academic Credit through Prior Learning Assessment. Students are also encouraged to challenge classes by submitting a Petition for Course Challenge if available for a specific class.

(See College Policy 5164)

## Prior Experiential Learning (PEL)

Prior Experiential Learning (PEL) refers to knowledge and skills gained through prior experience and assessed by faculty through an evaluation of compiled work. Credits awarded from PEL cannot exceed 25% of the total credits required for any program, certificate, or degree, and may not be available for all classes.

- credits from PEL will not be awarded if a Course Challenge Exam is available for a class. Students should instead navigate the Course Challenge process in these situations.
- students need to demonstrate experiential learning for both prerequisite and petitioned class outcomes.
- students will pay a fee for each class petitioned whether or not a credit is awarded.

## Extra-Institutional Learning (EIL)

Extra-Institutional Learning refers to knowledge and skills gained outside Shoreline Community College that are verified through third-party certifications or industry-recognized tests or training. We have evaluated certain professional programs that are regionally or nationally recognized and have set clear criteria for awarding credits for these programs.

Students can request a review for credit for certificates or professional training experiences for which clear criteria do not exist by submitting a Petition for Credit by Extra-Institutional Learning or Course Challenge.

## Credit by Testing: Advanced Placement (AP) and International Baccalaureate (IB)

Students who complete college-level coursework in high school can receive appropriate credit and/or placement based on their performance on the Advanced Placement (AP) or International Baccalaureate (IB) exams.

- visit [shoreline.edu/placement](http://shoreline.edu/placement) for a complete list of AP and IB test scores that can be used for credit
- visit [collegeboard.org](http://collegeboard.org) to request AP test scores be sent to Shoreline Community College
- visit [ibo.org/en/programmes](http://ibo.org/en/programmes) to request IB Diploma Programme transcripts be sent to Shoreline Community College

**Note:** Shoreline Community College generally does not award credit for the College Level Examination Program (CLEP) but exceptions can be made by the appropriate division dean. Relevant courses will be listed with a P Grade on your transcript for no fee.

## Course Challenge

Students enrolled at Shoreline Community College can earn credit for certain classes by successfully passing Course Challenge Exams. These exams are thorough and ensure that students have the same knowledge and skills as those who successfully complete the course. Students should have prior training, private study, work experience, or other relevant qualifications showing they know as much as someone who finished the course.

Course Challenge Exams can only be taken once per class, and students cannot take a Course Challenge Exam for a class they have previously audited or failed. Students cannot retake the exam but may choose to enroll in the course after a decision has been made. Not all courses offer Course Challenge Exams. The process is explained in the Petition for Credit by Course Challenge Form.

## Community Standard

"Injustice anywhere is a threat to justice everywhere. We are caught in an inescapable network of mutuality, tied in a single garment of destiny. Whatever affects one directly, affects all indirectly..."

Rev. Dr. Martin Luther King, Jr.

Shoreline Community College is a place for students, employees, and the community to pursue excellence in education in an environment dedicated to equity, inclusiveness, and self-reflection. We value respectful, dynamic interactions and lively discussion and strive to create an environment where everyone is supported and valued. Shoreline Community College does not tolerate hateful, violent, or discriminatory actions that target any person or group based on their beliefs, customs, identity, or affiliations. When one of us is diminished, all of us are diminished.

It is Shoreline Community College's policy that all students, employees, vendors, and visitors are expected to treat all students, employees, vendors, and visitors with dignity and respect in their behavior and their communications when they are on campus or involved in a college activity; accept responsibility for the appropriateness of their conduct; and comply with all laws and contract requirements applicable to workplace and academic behavior.

Students who experience or observe a violation of our community standard are encouraged to:

- contact the Campus Safety & Security Department (or law enforcement)
- report the incident via the Bias Incident Intake Form
- share the incident with an instructor or administrator

Students who engage in behavior that violates the community standard are subject to disciplinary action under the Student Conduct Code.

(See Policy 5030 - Student Conduct Policy)

## Expressive Activities

Shoreline Community College is a place for students, employees, and the community to pursue excellence in education in an environment dedicated to equity, inclusiveness, and self-reflection. We are required to provide all members of our community with their right to free speech as a public institution of Washington State. However, we also maintain the right to enforce requirements related to the time, place, and manner in which free speech occurs on campus.

Any recognized student group or organization at Shoreline Community College, with their advisor's permission, can invite any speaker they want to our campus. The advisor ensures the talk is educational, but the speaker can choose what to say and how to say it, as long as they follow federal and state laws.

Expressive activities must not seriously disrupt educational activities inside or outside of buildings or prevent Shoreline Community College from fulfilling its mission and achieving its primary purpose of providing an education to its students. These activities must also not substantially infringe on the rights and privileges of students, employees, or visitors at the College.

Views expressed by individuals and groups that make use of the Shoreline Community College's limited public forum do not necessarily represent the views endorsed by the College. We value respectful, dynamic interactions, and are dedicated to continually refining our process and engaging in conversations that enhance the security and safety of our entire campus community.

(See Policy 1005 - Use of College Facilities for Expressive Activities)

## Use of Human Subjects

Shoreline Community College's policy on the use of human subjects established by its Board of Trustees aims to protect individuals' rights, well-being, and privacy, ensure a supportive environment for skill development and academic research, and protect the interests of the College. This policy addresses classroom, laboratory, or clinical activities in which learning by students requires the use of human subjects as part of the training procedures, demonstrations, and/or experiments.

(See Policy 5329 - Use of Human Subjects)

## Reasonable Accommodation of Students with Disabilities

(206) 546-4545 • sas@shoreline.edu • 5000 Building (FOSS), Room 5226  
shoreline.edu/oss/students-with-disabilities

Students with disabilities have the right to request and receive reasonable accommodations to ensure equal access to programs, facilities, and the 7000 Residence Hall at Shoreline Community College. They should contact Student Accessibility Services (SAS) to request these accommodations. Medical documentation is usually not required.

Reasonable accommodations can include the following:

- ergonomic furniture
- extended testing time
- interpreters for American Sign Language
- notetaking software

(See Policy 5114 - Reasonable Accommodation of Students with Disabilities)

## Student Conduct

(206) 546-4641 • 5000 Building (FOSS), Room 5202

The freedom to learn flourishes in a supportive classroom, campus, and community. Everyone at Shoreline Community College is responsible for creating and maintaining this environment. We guarantee students academic freedom and fair treatment to support their educational goals within the guidelines of the law and college policies. We encourage students to use these freedoms and rights responsibly.

- We can discipline students who commit or help someone commit any of the following acts of misconduct: academic dishonesty; other dishonesty; alcohol, drug, and tobacco violations; assault; intimidation; harassment; cyber-misconduct; discriminatory conduct; ethical violation; failure to comply with directives; hazing; lewd conduct; misuse of electronic resources; obstructive or disruptive conduct; property violation; retaliation; safety violations; sexual misconduct; unauthorized access; violation of other laws or policies; or weapons (except under certain circumstances).
- We can take several actions against students who break the Student Conduct Code. These actions can include a written reprimand, disciplinary probation, suspension, warning, or dismissal.
- We can add certain terms and conditions along with disciplinary actions such as: restitution, professional evaluation, no-contact order, or not being in good standing.

(See Policy 5030 - Student Conduct)

## Student Grievance

Students can appeal decisions about their grades through a step-by-step process. Our Student Life Department is available to support students with this process.

- **Step 1:** the student talks to the instructor, explains the issue, and tries to mutually resolve it.
- **Step 2:** the student can ask to meet with the division dean If the issue isn't resolved. This meeting needs to happen by the 20th day of instruction in the next regular academic quarter, excluding the summer quarter.
- **Step 3:** the dean will arrange a meeting with the student and the instructor if the meeting with the dean doesn't resolve the problem.
- **Step 4:** the student can take the complaint to the Committee for Resolution of Academic Grievances (CRAG) if there's still no resolution. The CRAG includes four faculty members, two students, one administrator, and the Vice President of Instruction.

Grades will be changed only under the following circumstances:

- the grading policy for the course was unclear or confusing.
- the instructor acted dishonestly or unfairly.
- the instructor did not follow the grading policy in the course syllabus or applied it unfairly.
- there was a mistake in calculating the grade.

(See Policy 5035 - Student Grievances - Academic Evaluation)

## Title IV Student Complaint Process

[studentcomplaint.sbctc.edu/about](http://studentcomplaint.sbctc.edu/about)

The Higher Education Act (HEA) prevents colleges and universities from giving false information about their programs, costs, or graduates' job prospects. Every state is required to have a process to review and handle complaints about their colleges and universities and enforce state laws.

- The State Board for Community and Technical Colleges (SBCTC) investigates complaints from students at community and technical colleges in Washington State.
- Students can visit [sbctc.edu/colleges-staff/programs-services/student-services](http://sbctc.edu/colleges-staff/programs-services/student-services) for more information.

## Dishonesty in Academics

Students at Shoreline Community College are expected to demonstrate academic integrity. We do not permit any form of academic dishonesty, such as cheating, fabrication, or plagiarism.

- **Cheating** includes trying to give or get help with the completion of an academic assignment without permission.
- **Fabrication** includes falsifying data, information, or citations in completing an academic assignment and also includes giving false or misleading information to an instructor about finishing an assignment.
- **Plagiarism** includes taking and using another person's ideas, writings, or work as their own without giving proper credit in an academic assignment, such as copying text directly without quotation marks, paraphrasing without acknowledgment, or presenting someone else's research findings as your own, as well as the submission of academic work that has already been submitted for credit in a different course.

The consequences of breaking academic rules should be clearly explained in the course syllabus or program handbook. These consequences can include losing credit, getting a lower grade, failing the assignment or course, being removed from the program, or other smaller penalties. Cases of cheating may be reported to the Vice President of Student Services for further discipline.

(See Policy 5030) - Student Conduct)

## Student Records and Rights to Privacy

[shoreline.edu/advising/ferpa.aspx](http://shoreline.edu/advising/ferpa.aspx)

All students and their educational records at Shoreline Community College are protected by the Family Educational Rights and Privacy Act (FERPA) of 1974 which allows only people with a valid reason to access their records.

However, FERPA also lets Shoreline Community College share directory information unless our Enrollment Services Department receives a written request from a student not to share any information. Directory information includes attendance dates, graduation dates, degrees and certificates earned, enrollment status, honors, major or field of study, student name, and weight of student-athletes. This is to help Shoreline Community College do important tasks, like checking information for auditors or helping students transfer to new schools, without causing delays.

Students at Shoreline Community College have the following rights to keep their educational records private and secure:

- the right to see and review their student education records within 45 days of making a request. Students should submit a request that identifies the records they want to inspect to the Enrollment Services Department.
- the right to ask for corrections to their education records if they believe there are mistakes.
- the right to decide who can see their personal information except when FERPA allows Shoreline Community College to share it without permission.
- the right to file a complaint with the U.S. Department of Education if they believe Shoreline Community College is not following the requirements of FERPA.

Family Policy Compliance Office  
1 (800) 872-5327  
US Department of Education  
400 Maryland Avenue Southwest  
Washington DC, 20202-4605

# Academic Standards

[shoreline.edu/advising/low-gpa.aspx](http://shoreline.edu/advising/low-gpa.aspx)

Students at Shoreline Community College need to maintain a GPA of 2.0 or higher each quarter and pass at least half of their classes. Some academic programs may also have additional requirements and procedures for their students. We will offer support and notify students by email if they do not meet these academic standards.

- **Exceptions:** Students enrolled only in basic skills classes may be exempt from this policy. The instructors of those courses will decide the academic standards and support needed. (See Classification of Instructional Program Code 32)

(See Policy 5032 and Procedures 5032 - Academic Standards)

## Reasonable Accommodations for Religion/Conscience

Students who will miss class activities for reasons of faith or conscience can request accommodations so their grades are not affected. They must fill out and submit the Faith and Conscience Absence Form within the first two weeks of each quarter.



# Academic Regulations

## Grading

shoreline.edu/advising/grades.aspx

## Guidelines

### 1. Timeline for Assignment of Possible Grades in the Fall, Winter, and Spring Quarters

Week(s)	Possible Grades
1 - 2	None
3 - First Day of Seventh Week	N or W
7 - Last Day of Instruction	I, NP, P, or Z
Final Exam Week	4.0 - 0.7, 0.0, H, I, NP, P, or Z

### 2. Timeline for Assignment of Grades in the Summer Quarter

Our Enrollment Services Department publishes the timeline for the Summer Quarter. (See Academic Calendar.)

### 3. Grading System

Grade Given	Description of Grade
4.0	A
3.0	B
2.0	C
1.0	D
0.7 - 0.9	credit can be earned but the course will not transfer
0.0	did not meet the minimum requirements to earn credit
H	the course is in progress (no impact on GPA)
I	incomplete (no impact on GPA)
N	audit (no credit, no impact on GPA)
NP	not pass (no credit, no impact on GPA)
P	pass (credit, no impact on GPA)
W	an official withdrawal (no impact on GPA)
Z	a hardship withdrawal (no impact on GPA)
*	pending submission of final grade from the instructor

Shoreline Community College uses the numeric grading system and grade-point values, outlined in the Grading System Table

above, for reporting and recording academic achievement in most courses.

Grades of 0.7 or above earn credits. Students need to receive a minimum Grade Point Average (GPA) of 1.0 to transfer any credit to four-year colleges or universities that accept the Associate of Arts - Direct Transfer Agreement (AA-DTA) in Washington State.

Some programs and purposes may have different minimum requirements for GPA. These include technical courses, general education requirements, progression in a sequence of classes, and to meet a prerequisite.

#### H: Hold Grade

Hold Grades mean that a course is still in progress and a student is working on the required assignments. It is used for courses that end after the official end date of the quarter. Instructors will issue final grades to replace the Hold Grade on student transcripts after the course ends.

Hold Grades are not included in Grade Point Average (GPA) calculations.

#### I: Incomplete Grade

Incomplete Grades mean that a student needs to submit additional coursework to complete the course successfully. Instructors may give Incomplete Grades on or after the second day of the seventh week of a regular quarter (or Summer Quarter equivalent) only after a student requests it.

Incomplete Grades are not included in the Grade Point Average (GPA) calculations.

#### N: Audit Grade

Audit Grades let students participate in a course without getting credit or a grade but they still must enroll in the course and pay the regular tuition and fees. They can change their status to or from "audit" with their instructor's permission by submitting an Audit Request to our Enrollment Services Department by the first day of the seventh week of the quarter (or the equivalent in the Summer Quarter).

Audit Grades are not included in Grade Point Average (GPA) calculations.

#### P/NP: Pass/Not Pass Grade

Pass/Not Pass (P/NP) Grades can only be given for courses that offer this option. P Grades mean students received a grade of at least 2.0 which counts for course credit and affects Grade Point Average (GPA) calculations. NP Grades mean students did not receive at least a 2.0 GPA which does not affect Grade Point Average (GPA) calculations. However, some degrees and programs require all grades to be decimal-graded. Degrees and programs that allow P/NP allow no more than 30 credits to be applied as P/NP.

Students can request P/NP grading by submitting a Student Option Grading Form signed by their instructor to our Enrollment Services Department by the mid-point of the course for college-level classes (numbered 100 and higher) or by the last day of instruction for pre-college level classes (numbered 99 and below).

#### **W: Official Withdrawal Grade**

Official Withdrawal Grades mean that a student officially withdrew from a course within the quarterly withdrawal period. They can only be given if a student submits a request to our Enrollment Services Department. Students can not withdraw from a course to avoid the consequences of cheating, plagiarism, or other intellectual dishonesty.

Official Withdrawal Grades do not count for course credit and do not affect Grade Point Average (GPA) calculations.

#### **Z: Hardship Withdrawal Grade**

Hardship Withdrawal Grades mean that, after the end of the quarterly withdrawal period, an unforeseen crisis and/or unusual, extreme circumstance happened that affected a student's ability to attend class and continue to complete coursework at a passing level.

Hardship Withdrawal Grades can be given on or after the second day of the seventh week of a regular quarter (or Summer Quarter equivalent) only if a student submits a request to our Enrollment Services Department. Students can not withdraw from a class to avoid the consequences of cheating, plagiarism, or other intellectual dishonesty.

Hardship Withdrawal Grades do not count for course credit and do not affect Grade Point Average (GPA) calculations.

## 4. Dropping or Withdrawing from a Class

#### **Dropping Classes Before the Withdrawal Period**

Students can withdraw from or drop classes on or before the tenth day of class in a regular quarter (or Summer Quarter equivalent) in ctcLink or by contacting our Enrollment Services Department. They will not receive credit for classes dropped before the withdrawal period, and no record of enrollment in those classes will be listed on their transcript.

#### **Withdrawing Classes During the Withdrawal Period**

Students can withdraw from classes during the withdrawal period by following processes established by our Enrollment Services Department. Students will not receive credit for classes dropped during the withdrawal period. However, a Withdrawal Grade will be listed on their transcript, which does not affect Grade Point Average (GPA) calculations.

#### **Withdrawing Classes After the Withdrawal Period**

Students who experience an unexpected crisis and/or unusual, extreme circumstance that interferes with or disrupts their ability to attend class and continue completing passing coursework after the withdrawal period ends may request a Hardship

Withdrawal. Students will not receive credit for classes dropped after the withdrawal period. However, a Hardship Withdrawal Grade will be listed on their transcript, which does not affect Grade Point Average (GPA) calculations.

## 5. Repeating a Course

Students can repeat courses up to two times to improve their grades which means they can take the same class two more times after the first time. Students can only receive credit once for a repeated course. The highest grade earned for the repeated course will be used to calculate the Grade Point Average (GPA) at Shoreline Community College. Other colleges and universities might have different rules for repeated courses, and they may handle the grades differently if they accept the course for transfer.

"Repeat - Excluded" will be listed on the student's transcript next to the lowest grade(s) for the course. "Repeat - Included" will be listed on their transcript next to the highest grade for the course.

Students will need to enroll in the class again, pay all the required fees, and submit a Repeat Course Notice Request Form to our Enrollment Services Department to repeat the course.

Some performance-based degrees and programs may allow certain courses to be repeated for credit.

## 6. Calculation of Grade Point Average (GPA)

We calculate Grade Point Average (GPA) by following the steps below:

- multiply the grade earned in a course by the number of credits for the course to get your grade points.
- add up all the grade points from all the courses.
- divide the total number of grade points by the number of credits earned and round to the nearest hundredth.

H, I, N, NP, P, W, and Z Grades are not assigned "weights" and do not affect GPA calculations.

## 7. Grading Systems

Courses at Shoreline Community College can use one or more of the following grading systems.

- BEdA (Basic Education for Adults)
- Graded
- Pass/Not Pass
- Student Option

Grading systems available for each course are listed in the quarterly class schedule (and a grading system is not available for a specific course if it is not listed). Each instructor can decide which grading system to use for their courses. They will report any changes in grading systems to planning councils and the College's Curriculum Committee.

#### **BEdA (Basic Education for Adults)**

Most courses labeled as BEdA (Basic Education for Adults) use the Pass/Not Pass (P/NP) grading system. Instructors of these

courses can give grades of P/NP or give other grades like H, I, N, W, or Z, as described above.

Some courses labeled as BEdA may also be labeled "Student Option Grading" in the course description. Instructors of these courses can give grades from 4.0 to 0.7 in 0.1 increments, or 0.0, give grades of P/NP, or give grades H, I, N, W, or Z as defined above.

### **Graded**

Instructors of courses labeled as Graded can give decimal grades from 4.0 to 0.7 in 0.1 increments, or 0.0, or give grades H, I, N, W, or Z as defined above.

### **Pass/Not Pass**

Instructors of courses labeled as Pass/Not Pass (P/NP) can give grades of P/NP or give grades H, I, N, W, or Z as defined above.

### **Student Option**

Courses labeled as Student Option use Graded as the default grading system and the instructor will give decimal grades from 4.0 to 0.7 in 0.1 increments, or 0.0, or use grades like H, I, N, W, or Z.

However, students enrolled in these courses can choose to either receive a decimal or Pass/Not Pass (P/NP) grade. Students can request P/NP Grades by submitting a Student Option Grading Form signed by their instructor to our Enrollment Services Department by the mid-point of the course for college-level classes (numbered 100 and higher) or by the last day of instruction for pre-college level classes (numbered 99 and below).

## **Grade Reports**

Students can view their grades and unofficial transcripts anytime in ctcLink at no cost. We do not mail grade reports.

## **Grade Changes**

Instructors can request a change to a student's final grade for up to one calendar year after the end of a quarter. They might do this if they made a mistake calculating the grade or if a student completed the work needed to change an Incomplete Grade to a final grade.

## **High Scholarship**

Shoreline Community College's Faculty Senate Council and leadership team determine who is eligible for these lists. The eligibility rules can be periodically reviewed and changed.

## **President's List**

Students have their names listed on the President's List if they are enrolled at Shoreline Community College full-time (taking at least 12 credits), have earned at least 30 credits that count towards their Grade Point Average (GPA), and have earned a

cumulative GPA of 3.9 or higher. Students with a GPA between 3.9 to 4.0 are listed as President's Scholars at graduation.

Courses that receive a Pass/Not Pass Grade do not count towards this requirement.

## **Vice President's List**

Students have their names listed on the Vice President's List if they are enrolled at Shoreline Community College full-time (taking at least 12 credits), have earned at least 30 credits that count towards their Grade Point Average (GPA), and have earned a quarterly GPA of 3.9 or higher. These students are listed as Vice President's Scholars at graduation.

Courses that receive a Pass/Not Pass Grade do not count towards this requirement.

## **Honors List**

Students have their names listed on the Honors List if they are enrolled at Shoreline Community College full-time (taking at least 12 credits), have earned at least 30 credits that count towards their Grade Point Average (GPA), and have earned a quarterly GPA between 3.6 to 3.89. These students are listed as Honors Graduates at graduation.

Courses that receive a Pass/Not Pass Grade do not count towards this requirement.

## **Phi Theta Kappa (PTK)**

[shoreline.edu/honors/phi-theta-kappa.aspx](http://shoreline.edu/honors/phi-theta-kappa.aspx)

Phi Theta Kappa (PTK) is a national honor society for two-year colleges in the United States. PTK recognizes students for their hard work and achievements, and membership is an indicator to employers and universities of a student's dedication and academic accomplishments. Students who have earned 12 college-level credits at Shoreline Community College with a Grade Point Average (GPA) of 3.5 or higher are eligible to join.

- Members of PTK are eligible for exclusive scholarships listed in an online database.
- Additional benefits of membership include recognition, career training, leadership opportunities, assistance for successful transfer to a four-year college or university, and more.

Students who are eligible can become members by submitting a Phi Theta Kappa Membership Application and a local Pi Iota Chapter Application, and paying a \$75 fee.

## **Academic Standards**

[shoreline.edu/advising/low-gpa.aspx](http://shoreline.edu/advising/low-gpa.aspx)

Shoreline Community College is committed to helping students successfully complete their academic goals through resources such as Academic Advising, the Counseling Center, and the Student Learning Centers.

## Academic Notice

Students who have earned a quarterly Grade Point Average (GPA) of less than 2.0, or who do not earn at least half of their attempted credits, for **one quarter** are notified that they have not met Academic Standards. Students are encouraged to use college resources and meet with an advisor.

## Academic Intervention

Students who have earned a quarterly GPA of less than 2.0, or who do not earn at least half of their attempted credits, for **two consecutive quarters** are placed on Academic Intervention. Students on Academic Intervention are notified that a hold will be placed on their student account which prevents them from enrolling in additional courses until they meet with an advisor and submit an Academic Self-Assessment.

Students will develop steps for success and learn about support services.

## Academic Restriction

Students who have earned a quarterly GPA of less than 2.0, or do not earn at least half of their attempted credits, for **three consecutive quarters** are placed on Academic Restriction. Students on Academic Restriction are notified that a hold will be placed on their student account which prevents them from enrolling in additional courses until they meet with an advisor and submit an Academic Self-Assessment.

Students will have the opportunity to explain their circumstances, further develop steps for success, and learn about support services.

## Fresh Start

[shoreline.edu/apply-and-aid/registration/documents/freshstart.pdf](http://shoreline.edu/apply-and-aid/registration/documents/freshstart.pdf)

Students who have not attended Shoreline Community College or any college or university for 18 months can request the elimination of their previous credits and Grade Point Average (GPA) earned at Shoreline Community College. They can request this fresh start by submitting a completed Fresh Start Form.

Students who receive a fresh start will still have the previous courses and grades earned listed on their transcripts but the grades for those previous courses will not be used in the calculation of their GPA, and those previous credits earned may not be used to satisfy graduation requirements. Students who have received a fresh start and plan to transfer to another college or university may have their credits accepted and their GPA recalculated according to the policies of the receiving college or university.

## Credit Information

## Credit and Credit Loads

The academic year at Shoreline Community College has three quarters: Fall, Winter, and Spring. Each quarter is 11 weeks long. We also have an eight-week Summer Quarter.

Generally, classes that meet for one hour a week offer 1 credit hour per quarter, and classes that meet for five hours a week offer 5 credit hours. Laboratories and some other classes may have a different credit structure.

## Awarding Academic Credit by Prior Learning Assessment

See Policies for Students for more information.

## Placement Reciprocity

[shoreline.edu/placement](http://shoreline.edu/placement)

Students placed into pre-college and college-level English and Math courses at other community and technical colleges in Washington State can request the same placement at Shoreline Community College. The recommendation for placement needs to have been made within the last 2 years.

## Common Course Numbering

[ccn.sbctc.edu](http://ccn.sbctc.edu)

Common Course Numbering (CCN) helps students identify which courses can easily transfer between community and technical colleges in Washington State because equivalent courses have the same labels at all colleges. Courses labeled with an ampersand ('&'), like ACCT& 201, have a CCN and are easily transferable.

## Attendance

Students are expected to attend all their classes and follow the requirements of their instructor(s).

Students who know they will miss class for religious holidays should notify their instructor(s) in writing during the first two weeks of the quarter. Their notification should include the specific date(s) they will be absent. Their instructor(s) will then work with the student to reschedule any exams or activities they will miss.

## Student Classification

Students are considered freshmen until they have completed 45 credits, at which time they become sophomores.

## Final Examinations

[shoreline.edu/apply-and-aid/registration/final-exams.aspx](http://shoreline.edu/apply-and-aid/registration/final-exams.aspx)

We generally hold final examinations at the end of each quarter and on the last day of class for the summer quarter. Students need to take their final exam(s) at the specified time and date to get credit for the course.

Students who have three or more final exams on the same day, and cannot arrange a new schedule with their instructors, can submit a written petition to the department's or program's dean at least two weeks before their final exams start. The dean will discuss the petition with the relevant instructor(s) before making a decision.

## Official Transcripts

[shoreline.edu/apply-and-aid/transcript-requests.aspx](http://shoreline.edu/apply-and-aid/transcript-requests.aspx)

An official transcript is a record of the student's academic grades. It shows courses taken, credits earned, grades received, transfer credits accepted, and degrees or certificates received at Shoreline Community College.

Official Transcripts may be needed to support an application to another college or university. They include the signature of Shoreline Community College's Registrar and the College's official seal. Students can request Official Transcripts online through Parchment or by submitting a Transcript Request Form in person or by mail at no cost.

Requests for transcripts are typically processed within 3-5 business days. Same-day transcripts can be requested by mail, email, or in person for an additional fee of \$20.00.

## Graduation Regulations

[shoreline.edu/apply-and-aid/graduation/graduation-application.aspx](http://shoreline.edu/apply-and-aid/graduation/graduation-application.aspx)

Students can officially graduate when they have completed all the requirements for their degree or certificate. They need to apply to graduate and have met all the specific program and general college requirements.

Students can choose to graduate under the degree or certificate requirements listed in the catalog from when they first enrolled at Shoreline Community College if they remain enrolled and finish within five years, or choose to graduate under the degree or certificate requirements listed in the current catalog when they finish their studies. Those who enroll in at least two quarters each academic year are considered to be continuously enrolled. Students who take an extended break from their studies will graduate under the degree or certificate requirements listed in the current catalog when they re-enroll.

### General Graduation Requirements

- maintain a cumulative Grade Point Average (GPA) of 2.0 for all college-level courses (numbered 100 and higher).
- earn at least 25 credits or 25% of the credits for the degree or certificate (whichever is lower) from Shoreline Community College.
- meet all specific degree or certificate requirements.
- meet all general and specific college requirements.

- submit all required documents like official transcripts from other colleges and proof of prior learning if applicable.
- pay all financial obligations to Shoreline Community College.

### Program-Specific Requirements

- some programs at Shoreline Community College require a separate application to enroll and may have different requirements for GPA or graduation.
- students can choose to meet the requirements of these programs from when they started or when they completed their studies.

### Application for Graduation

- students need to complete an Application for a Degree or a Certificate of Proficiency one quarter before finishing their program or degree of study.
- degrees are awarded quarterly, and certificates of less than 45 credits are automatically awarded and will appear in the student's academic record.
- students do not need to be physically present at Shoreline Community College to apply for graduation.

### Transferring Credits

- colleges or universities to which students transfer after completing their associate degree at Shoreline Community College may calculate the Grade Point Average (GPA) differently and may have higher requirements for GPA.
- students who transfer to a four-year college or university before completing their associate degree but after completing 60 credits or more of transferable coursework at Shoreline Community College can transfer credits back to Shoreline Community College to use toward completion of a two-year academic transfer degree.

# Graduation Ceremony (Commencement)

- [shoreline.edu/apply-and-aid/graduation/commencement.aspx](http://shoreline.edu/apply-and-aid/graduation/commencement.aspx)
- Commencement is an opportunity for students at Shoreline Community College who have completed their studies in fall, winter, or spring quarters (or will be completing their studies in summer quarter) to celebrate their accomplishments with families, friends, faculty, and staff in a formal ceremony at the end of the academic year.
- Students should first submit a Graduation Application and make sure they have met all program-specific and general college requirements to participate. Diplomas are mailed to students around eight to twelve weeks after the end of the quarter their degree is earned.

# Washington 45

The Washington 45 Agreement includes courses from the general education categories listed below at community and technical colleges in Washington State. These courses can count for up to one year (45 credits) of general education or can be transferred to any other public and most private colleges or universities in the state. However, earning these credits does not guarantee you will be admitted to a four-year college or university, and many private non-profit colleges and universities have distinct general education requirements.

You need to have a grade of 2.0 or above in each course to transfer these credits. You should also confirm that you meet your new college's or university's admission requirements and complete all their general education, major, minor, and professional program requirements even after transferring these courses.

The Washington 45 Agreement is different from, and does not replace, the Associate of Arts - Direct Transfer Agreement (AA-DTA), Associate of Science (AS-T), or any Major-Related Program Agreements.

## General Education Requirements • 45 Credits

Disciplines (also called subjects) are identified by a prefix like PHIL for Philosophy and POLS for Political Science.

### Humanities • 10 credits

- ART& 100, CMST& 101, CMST& 220, DRMA& 101, ENGL& 111, HUM& 101, MUSC& 105, PHIL& 101.
- Any 100-level Common Course Numbered World Language Course offered by a college like ASL& 121-123, CHIN& 121-123, JAPN& 121-123, SPAN& 121-123.
- Some colleges count History as a Humanities: HIST& 126, HIST& 127, HIST& 128, HIST& 136, HIST& 137, HIST& 146, HIST& 147, HIST& 148, HIST& 214, HIST& 215, HIST& 219, HIST& 220.

### Natural Sciences • 10 credits

- BIOL& 100, BIOL& 160 with lab, BIOL& 211-213, BIOL& 221-223, ASTR& 100, ASTR& 101 with lab, CHEM& 105, CHEM& 110 with lab, CHEM& 121 with lab, CHEM& 161-163, ENVS& 100, ENVS& 101, PHYS& 100,

PHYS& 110, PHYS& 114-116, NUTR& 101, GEOL& 101 with lab.

## Quantitative & Symbolic Reasoning • 5 credits

- MATH& 107, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, PHIL& 120.
- Students who plan to transfer to the University of Washington should contact Math Advising at mathadvising@shoreline.edu.

## Social Sciences • 10 credits

- ANTH& 100, ANTH& 106, ECON& 201, ECON& 202, PSYC& 100, POLS& 101, POLS& 202, SOC& 101.
- Some colleges count History as a Social Sciences: HIST& 126, HIST& 127, HIST& 128, HIST& 136, HIST& 137, HIST& 146, HIST& 147, HIST& 148, HIST& 214, HIST& 215, HIST& 219, HIST& 220.

## Written Communication • 5 credits

- ENGL& 101, ENGL& 102, ENGL& 230, ENGL& 235.

## Additional Credits

You can take an extra 5 credits from a different subject in any of the categories listed above. Courses listed under specific categories might count for a different category at the college or university you transfer to.

# Distribution Requirements

The following is a list of classes that satisfy Shoreline's 2024-2025 AA-DTA degree requirements. Credits for a specific course may be used only once and may not be applied toward more than one distribution area. Course numbers with an "&" are common course numbers with content that is consistent across Washington state community and technical colleges.

## I. GENERAL EDUCATION CORE REQUIREMENTS | 20 CREDITS

### COMMUNICATIONS — 10 Credits

English &101  
English &102

### MULTICULTURAL UNDERSTANDING — 5 Credits

American Ethnic Studies 101, 270, 284  
Communication Studies 203, 285  
Gender and Women's Studies 284  
History &220, 245  
Humanities 105  
Multicultural Studies 105  
Psychology 230  
Sociology 270

### QUANTITATIVE / SYMBOLIC REASONING — 5 Credits

Math &107\*, 111, &141, &142, &146\*, &148, &151, &152, &163, 207, 208, 211, &264  
Philosophy &120\*

\* Students planning to transfer to the University of Washington must consult Math Advising, [mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu)

## II. DISTRIBUTION AREA REQUIREMENTS | 45 CREDITS

### HUMANITIES — 15 Credits

Select from at least two different disciplines (e.g., Art and Drama). Maximum of 5 credits allowed in Performance/Skills. No more than 5 credits in a world language at the 100 level.

#### General Humanities

American Ethnic Studies 106, 215  
American Sign Language &121-&123  
Art &100, 234  
Art History 204, 210, 224-226, 273  
Chinese &121-&123  
Cinema 201  
Communication Studies &101, &102, 203, &210, &220, 285  
Drama &101  
English &111-&113, 154, 200, 207, &220, &226-&228, 229, &244-&246, 247, 248, 257, 265, 271, 272, 281, 282, 287-289  
French &121-&123  
Honors 200  
Humanities 105, 111-113, 140, 275  
Japanese &121-&123, &221-&223  
Music 100, &105, 106, 108, 109, &141-&143, 150, 206, 224, &241-&243  
Philosophy &101, 102, &115, 210, 240, 248, 267  
Spanish &121-&123, &221-&223  
**Performance Skills /Applied Theory — 5 Credits Max.**  
Art 109, 110, 121-123, 131-134, 144-146, 251-256, 260-262, 271-273  
Communication Studies 140, &230, 244, 245, 247, 292-294  
Drama 144-146, 155-157, 171, 207-209, 224-226, 234, 235, 244, 246, 255, 293  
English &230, 279  
Film 255-258, 266, 285, 286, 290, 292-295  
Music 114, 115, 118-120, 135, 136, 140, 144, 146, 147, 151-156, 161-167, 170, 175, 180, 184, 196, 204, 205, 207, 210-212, 225, 226, 251-253, 264, 268, 270, 280, 284, 296  
VCT 267

### NATURAL SCIENCES — 15 Credits

Select from at least two different disciplines (e.g. Biology and Physics). At least 10 credits required in Physical, Earth, and/or Biological Sciences, including at least 5 credits of lab science. Maximum 5 credits from Other Science courses.

#### Physical, Earth, Biological Sciences — 10 Credits

##### Laboratory Sciences -5 Credits Min.

Anthropology 270  
Astronomy &101  
Biology 107, 124, 126, 144, &211-&213, &231, &232, &241, &242, 244, 249, &260, 272, 274, 275, 277  
Chemistry &110, &121, &131, 171/181, 172/182, 173/183, &241/271, &242/272, &243/273  
Environmental Science &101, 202  
Geology &101, &110, &115, &208  
Oceanography &101  
Physics 110, &114-&116, &221-&223

##### Non-Laboratory Sciences

Anthropology &205  
Biology 110, 150, &170, 270, 276  
Chemistry 255  
Environmental Science &100  
Geology 107  
Psychology 202

##### Other Science Courses

5 Credits Max.  
Engineering 205, 206  
Math &107, 111, &141, &142, &146, &148, &151, &152, &163, &171, 207, 208, 211, &264  
Nutrition &101  
Philosophy &120

### SOCIAL SCIENCES — 15 Credits

Select from at least two different disciplines (e.g., Psychology and History).

American Ethnic Studies 101, 102, 103, 104, 106, 119, 270, 284  
Anthropology &100, 130, 140, 150, &204, &206, &207, 215  
Business &101  
Child Advocacy Studies 102, 202, 285  
Communication Studies &102  
East Asia 216, 218  
Economics 100, &201, &202, 291-295  
Gender and Women's Studies 205, 215, 284-286, 288  
History &116-&118, &136, &137, &146-&148, 207, &214, &215, 218, &219, &220, 234-238, 245-247, 275, 295  
Honors 200  
International Studies 101, 123, 200, 201, 205, 292, 295  
Multicultural Studies 105, 205, 210, 238, 250  
Philosophy &101, 102, &115, 210, 240, 248, 265, 267, 295  
Political Science &101, &201- &203, 221, 222, 291-295  
Psychology &100, &200, 208-210, &220, 225, 230, 236, 245, 295  
Sociology &101, 102, 112, 135, 136, 137, &201, 202, 250, 270, 288, 295

## III. GENERAL ELECTIVES | 25 CREDITS

A minimum of 25 additional college-level credits numbered 100 or above is required for electives. Developmental courses and courses numbered below 100 may not be used. Electives may include any course listed in the distribution areas or in the Elective Courses section of the 2023-24 catalog. A maximum of 15 credits from the Restricted Electives course list in the catalog may be included and a maximum of 3 credits in Physical Education.



# University Transfer - General

## Associate in Arts, AA-DTA Planning Guide

### Direct Transfer Agreement

The AA-DTA, known as the direct transfer degree, is an agreement between Washington state community colleges and baccalaureate institutions. The credits earned in the AA-DTA transfer as a package to most baccalaureate colleges and universities in Washington, generally satisfying all of the lower division general education requirements and granting junior standing; it does not guarantee admission.

### Requirements

The AA-DTA requires a minimum of 90 quarter credits in college level courses numbered 100 or above with a cumulative college level GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0. There are three categories of requirements: 20 credits of general education core requirements, 45 credits of discipline-specific distribution requirements, and 25 credits of electives. You should select courses to explore your academic interests and begin preparing for an academic major within the AA-DTA degree guidelines.

### Where do I Start?

**Talk with an advisor at Shoreline.** Shoreline advisors can provide guidance about which courses to take and how to prepare for different majors.

**Understand the AA-DTA requirements.** Review this Degree Planning Guide and make sure you understand what it takes to complete your degree at Shoreline. (AA-DTA Degree Planning Guide )

**Prepare for a major.** When you transfer, you will likely enter as a junior. You should consider what major you would like to prepare for there while you are here. Use Shoreline's Major Preparation Sheets to learn more about different majors and which courses will prepare you for those majors.

**Understand admissions requirements.** School admission requirements, deadlines, and application details vary. Check the website of your chosen school or schools and search for "Transfer admissions" to find their specific requirements. At many schools, you must apply to the school and then apply separately to the major.

**Understand graduation requirements.** All four-year programs have specific requirements to graduate and some schools require up to two years of a world language to graduate. Once you have decided

upon a major or majors, visit the website of the departments where you will be applying; contact advisors at the four-year school to learn more.

### What do I need to take?

Below is a summary of the categories of required courses for the AA-DTA. In selecting your classes, consult your Major Planning Sheet for recommendations related to pursuing a particular major.

#### General Education - 20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

#### Communication (10 Credits)

- ENGL& 101 English Composition I **Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Units: 5**

#### Multicultural Understanding (5 Credits)

Choose *one* of the following courses: CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following classes:

MATH& 107, MATH 111, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH 207, MATH 208, MATH 211, MATH& 264, PHIL& 120

\* Students planning to transfer to the University of Washington must consult Math Advising, [mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu).

#### Distribution Requirements - 45 Credits

See Courses That Meet Transfer Degree Requirements

#### Humanities (15 Credits)

Select from at least two different disciplines (e.g., Art and Drama) in Humanities. Maximum of 5 credits allowed in Performance/Skills courses. No more than 5 credits in a world language at the 100 level.

#### Natural Sciences (15 Credits)

Select from at least two different disciplines (e.g. Biology and Physics) in Natural Sciences. At least 10 credits required in

Physical, Earth, and/or Biological Sciences, including at least 5 credits of lab science. Maximum 5 credits from Other Science courses.

## Social Sciences (15 Credits)

Select from at least two different disciplines (e.g., Psychology and History) in Social Sciences.

## General Electives - Minimum 25 Credits

Consists of other college-level courses or unrestricted courses. A maximum of 15 credits allowed for restricted/vocational courses, and a maximum of 3 credits allowed in Physical Education. Please see the lists of Restricted Electives and Elective Courses (Non-restricted).

## Where can I Transfer?

The AA-DTA makes it possible for students to transfer to a number of public and private colleges and universities in the U.S. with junior standing. Washington State institutions that subscribe to the Direct Transfer Agreement are listed below.

### Public Institutions

Central Washington University  
Eastern Washington University  
The Evergreen State College  
University of Washington  
Washington State University  
Western Washington University

### Private Institutions

Bastyr University  
City University  
Cornish College of the Arts  
Gonzaga University  
Heritage College  
Northwest University  
Pacific Lutheran University  
Saint Martin's University  
Seattle Pacific University  
Seattle University  
Walla Walla University  
Western Governors University  
Whitworth University

# Associate in Science - Track 1, AS-T1 Planning Guide

## Transferring with an AS-T Track 1

The AS-T degree transfers as a package to most baccalaureate colleges and universities in Washington state, satisfying most pre-major requirements and some general education courses for junior standing. In the AS-T you will take many science and math courses during your two years at Shoreline, and take most of your distribution requirements in humanities and social sciences after you transfer. Completing the AS-T degree will prepare you for the pathways listed below (for other science and engineering majors, see Associate in Science - Track 2, AS-T2 Planning Guide).

## Requirements

The AS-T degree requires a minimum of 90 quarter credits in courses numbered 100 or above and a cumulative college-level GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0. Students granted the degree are normally awarded junior status and in most cases will be able to complete their Bachelor's in two additional years of full-time study. Completion of the AS-T degree does not guarantee admission.

## Majors/Pathways

Biological Sciences  
Chemistry/Biochemistry  
Environmental Health  
Environmental Sciences  
Geology and Earth Sciences  
Medical Technology  
Oceanography and Marine Sciences  
Pharmacy  
Veterinary Medicine  
Dentistry

## Where do I Start?

**Talk with an advisor at Shoreline.** Shoreline advisors can provide guidance about which courses to take and how to prepare for different majors.

**Understand the AS-T Track 1 requirements.** Review this Degree Planning Guide and make sure you understand what it takes to complete your degree at Shoreline. Note that many courses listed have pre-requisites, so be sure to consult the course catalog during planning.

**Prepare for a major or pathway.** Because you will enter as a junior, you will need to consider what major you would like to prepare for. Use Shoreline's Major Preparation Sheets to learn more about different majors and which courses will prepare you for those majors.

**Understand admissions requirements.** School admission requirements, deadlines, and application details vary. Check the web site of your chosen school or schools and search for "Transfer admissions" to find their specific requirements. At many schools, you must apply to the school and then apply separately to the major.

**Understand graduation requirements.** All four-year programs have specific requirements to graduate and some schools require up to two years of a world language to graduate. Once you have decided upon a major or majors, visit the web site of the departments where you will be applying; contact advisors at the four-year school to learn more.

## What do I need to take?

Below is a summary of the categories of required courses for the AS-T Track 1. In selecting your classes, consult your **Major or Pathway Planning Sheet** for recommendations related to pursuing a particular major or pathway. See below for available courses in each category.

### General Education - 18-20 Credits

#### Communication (8-10 Credits)

Take ENGL& 101 and either ENGL& 102, ENGL& 230, or CMST& 101.

#### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Units: 5**

### Humanities and Social Sciences - 15 Credits

Select one course from the Humanities course list, one course from the Social Sciences course list, and a third course from either list.

## Pre-Major Program - 55-57 Credits

### Science (19.5 Credits)

- CHEM 171 General-Inorganic Chemistry I **Units: 4**
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Units: 2.5**
- CHEM 172 General-Inorganic Chemistry II **Units: 4**
- CHEM 182 General-Inorganic Chemistry II (Lecture-Lab) **Units: 2.5**
- CHEM 173 General-Inorganic Chemistry III **Units: 4**
- CHEM 183 General-Inorganic Chemistry III (Lecture-Lab) **Units: 2.5**

### Additional Math (10 Credits)

Take MATH& 152, and either MATH& 163 or MATH 211 or MATH& 146\*.

\*MATH 211 and MATH& 146 are both statistics courses. Consult your advisor before choosing MATH& 146 as it may limit transfer options.

### Science Sequence (15-16.5 Credits)

**Select one of the following sequences.** Sequences should not be broken up between institutions (for example, the three-quarter physics sequence should be taken entirely at Shoreline or entirely at another school).

Consult an advisor and your major or pathway planning sheet to choose.

Biology: BIOL& 211, BIOL& 212, BIOL& 213

Algebra-based Physics: PHYS& 114, PHYS& 115, PHYS& 116

Calculus-based Physics: PHYS& 221, PHYS& 222, PHYS& 223

### Major Sequence and/or Supporting Credits (10-15 Credits)

Sequences should not be broken up between institutions (for example, the three-quarter physics sequence should be taken entirely at Shoreline or entirely at another school).

Consult an advisor and your major or pathway planning sheet to choose.

CHEM& 241/CHEM 271, CHEM& 242/CHEM 272, CHEM& 243/CHEM 273

BIOL 100 or 200 level\*

ENVS& 101, ENVS 202

GEOL& 101, GEOL& 115, GEOL& 208

MATH 207, MATH 208, MATH& 146†, MATH 211†, MATH& 264

OCEA& 101

PHYS& 114/PHYS& 115/PHYS& 116\*

PHYS& 221/PHYS& 222/PHYS& 223\*

\* If not already used as a science sequence or general education requirement.

† If not already used as an additional math requirement.

## Where can I Transfer?

The AS-T, Track 1 makes it possible for students to transfer to a number of public and private colleges and universities in the U.S. with junior standing. Washington state institutions that accept the AS-T Track 1 are listed below.

### Public Institutions

Central Washington University  
Eastern Washington University  
The Evergreen State College  
University of Washington  
Washington State University  
Western Washington University

### Private Institutions

Bastyr University  
City University  
Cornish College of the Arts  
Gonzaga University  
Heritage College  
Northwest University  
Pacific Lutheran University  
Saint Martin's University  
Seattle Pacific University  
Seattle University  
Trinity Lutheran College  
Whitworth University

# Associate in Science - Track 2, AS-T2 Planning Guide

## Transferring with an AS-T Track 2

The AS-T degree transfers as a package to most baccalaureate colleges and universities in Washington state, satisfying most pre-major requirements and some general education courses for junior standing. In the AS-T you will take many science and math courses during your two years at Shoreline, and take most of your distribution requirements in humanities and social sciences after you transfer. Completing the AS-T degree will prepare you for the pathways listed below (for other science and engineering majors, see AS-T Track 1).

## Majors/Pathways

Aeronautical, Civil, Industrial, Materials Science and Mechanical Engineering (MRP)\*  
Astronomy and Atmospheric Sciences  
Bioengineering and Chemical Engineering (MRP)\*  
Computer and Electrical Engineering (MRP)\*  
Engineering, General  
Physics

## Requirements

The AS-T degree requires a minimum of 90 quarter credits in courses numbered 100 or above and a cumulative college-level GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0. Students granted the degree are normally awarded junior status and in most cases will be able to complete their Bachelor's in two additional years of full-time study.

*\* A Major Related Program (MRP) is a type of AS-T that prepares students for entrance into select majors at particular four-year schools. These programs have specific **required classes** within the AS-T degree, and will be shown on your transcript as a different type of degree than the general AS-T. Consult the relevant MRP Degree Planning Guide for more information.*

## Where Do I Start?

**Talk with an advisor at Shoreline.** Shoreline advisors can provide guidance about which courses to take and how to prepare for different majors.

**Understand the AS-T Track 2 requirements.** Review this Degree Planning Guide and make sure you understand what it takes to complete your degree at Shoreline.

**Prepare for a major or pathway.** Because you will enter as a junior, you will need to consider what major you would like to prepare for. Use Shoreline's **Major Preparation Sheets** to learn more about different majors and which courses will prepare you for those majors.

**Understand admissions requirements.** School admission requirements, deadlines, and application details vary. Check the web site of your chosen school or schools and search for "Transfer admissions" to find their specific requirements. At many schools, you must apply to the school and then apply separately to the major.

**Understand graduation requirements.** All four-year programs have specific requirements to graduate and some schools require up to two years of a world language to graduate. Once you have decided upon a major or majors, visit the web site of the departments where you will be applying; contact advisors at the four-year school to learn more.

## What do I need to take?

Below is a summary of the categories of required courses for the AS-T Track 2. In selecting your classes, consult your **Major Planning Sheet** for recommendations related to pursuing a particular major or pathway. See below for available courses in each category. Note that a Major Related Program (MRP) includes additional requirements.

*Planning guides are intended to guide students toward completing degree requirements. They are not intended to communicate admissions requirements of 4-year institutions. Students are strongly urged to consult with an advisor, college/university admissions staff, and the catalog of the 4-year institution to which they plan to transfer. Other conditions and restrictions may also apply.*

## General Education - 18-20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

## Communication (8-10 Credits)

Take ENGL& 101 and either ENGL& 102, ENGL& 230, or CMST& 101.

## Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

## Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Units: 5**

## Distribution Requirements - 10 Credits

See Courses That Meet Transfer Degree Requirements

### Humanities (5 Credits)

Choose one course from the Humanities course list.

### Social Sciences (5 Credits)

Choose one course from the Social Sciences course list.

## Pre-Major Program - 30-32.5 Credits

### Physics Sequence (15-16.5 Credits)

Sequences should not be broken up between institutions (for example, the three-quarter physics sequence should be taken entirely at Shoreline or entirely at another school).

PHYS& 114, PHYS& 115, PHYS& 116 (15 credits) is allowed for the degree, but will meet major requirements for very few students (some computer studies, some engineering technology programs).

- PHYS& 221 Engineering Physics I w/Lab: Mechanics  
**Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light  
**Units: 5.5**

### Additional Math (10 Credits)

Take MATH& 152 and either MATH& 163 or MATH 211.

### Additional Science (5-6 Credits)

See courses listed under "Additional Science" in the online course catalog. At least 5 credits of Chemistry with lab is required for engineering majors.

## Program Specific Courses (27.5-32 Credits to reach 90 total)

The AS-T degree allows a maximum of 5 credits for restricted/vocational course work and a maximum of 3 Physical Education credits.

For Program Specific Courses, students can take additional pre-requisite courses needed to enter their major's junior year, additional general education, and/or elective courses. Required and recommended courses vary, so please consult:

1. the appropriate Major Preparation Sheet
2. a Shoreline advisor for the subject area; and
3. the department at your chosen colleges/universities.

## Where Can I Transfer?

The AS-T Track 2 makes it possible for students to transfer to a number of public and private colleges and universities in the U.S. with junior standing. Washington state institutions that accept the AS-T Track 2 are listed below.

### Public Institutions

Eastern Washington University  
University of Washington  
Washington State University

### Private Institutions

Gonzaga University  
Saint Martin's University  
Seattle Pacific University  
Seattle University  
Walla Walla University

# Associate in Arts, Individual Plan, AA-IP Planning Guide

The AA-IP allows students to design an individualized academic program. To earn an AA-IP degree, students must complete a total of 90 credits: 15 credits of General Education Core requirements listed below plus 75 additional transferable credits and a cumulative GPA of 2.0 or higher. This degree is a transfer Associates degree, but NOT part of the Direct Transfer Agreement (DTA) with Washington state colleges and universities.

## What do I need to take?

### General Education - 15 Credits

Courses used in Gen Ed Core may not be used for Distribution.

#### Communication (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following classes:

MATH& 107, MATH 111, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH 207, MATH 208, MATH 211, MATH& 264, PHIL& 120

\* Students planning to transfer to the University of Washington must consult Math Advising, [mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu).

#### Electives (75 Credits)

Physical Education: 3 credits maximum regardless of course's status

The remaining 75 credits can be made of transferable elective credits, with only 15 credits from restricted electives (see Shoreline Community College Catalog for a list of these courses). Students pursuing the AA-IP **are strongly encouraged to consult with an advisor** in choosing their courses. With your advisor, you will consider the following questions:

- What colleges/universities are you considering?
- What are the application requirements of these schools?
- What are the general education requirements?
- Is there a composition requirement beyond ENGL& 101?
- Is there a world language requirement?
- Are there distribution requirements? In what areas?

- What major(s) are you considering?
- What courses are required for the major(s)?
- What Shoreline courses correspond to requirements at your chosen four-year school(s)?

## Is the AA-IP right for me?

For many students, **the Associate in Arts (AA-DTA) or the Associate in Science (AS-T) degrees are recommended** because they are a part of the Washington State Transfer Agreements. The AA-Individual Plan is a good fit for students who are ...

- planning to transfer to a specific university and want to follow the general education requirements of that school
- planning to transfer into a specific major with many prerequisites that are required for admission
- entering Shoreline with a lot of college credits and want to graduate in a timely manner
- planning to transfer to an out-of-state college or university with no direct transfer agreement

When planning your academic program, please keep in mind:

- Students must meet the admission requirements of the colleges/universities for which they are applying.
- This AA Individual Plan (AA-IP) degree does not guarantee admission into any university, program, or major.
- Students are responsible for completing all General Education and other program requirements of the baccalaureate institution to graduate

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559 [advising@shoreline.edu](mailto:advising@shoreline.edu) [www.shoreline.edu/advising](http://www.shoreline.edu/advising)

### International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697 [ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu) [www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

# Associate in Fine Arts, Foundation Studio Art, AFA Planning Guide

You will complete an Associate in Fine Arts (AFA) at Shoreline. Review the requirements in this planning guide to understand your path in this program.

Once you complete your Shoreline degree, you can choose to transfer to a four-year school to earn a Bachelor's degree or continue to develop as an artist without pursuing a four-year degree.

## About the Associate in Fine Arts

The Associate in Fine Arts - Foundation Studio Art degree is designed to meet the general education and Associate in Arts, Direct Transfer Agreement (AA-DTA) at Washington state four-year institutions (for more information, see the AA-DTA Degree Planning Guide). This pathway prepares students for baccalaureate majors in Painting, Drawing, Printmaking, Graphic Design, Illustration, Photography, Ceramics, Sculpture and Industrial Design. Portfolio presentation is a key factor in acceptance/placement in a Fine Arts Major, which is strongly developed and emphasized in this degree. This degree also provides a solid foundation for further artistic development and direction for the student who does not plan on transferring for further academic study.

## What can I do with an Associate in Fine Arts in Studio Art?

Art students, having focused on creative problem solving and visual thinking, are well-prepared to pursue occupations both within visual arts and in other disciplines. Art-specific opportunities include: exhibiting artist, curatorial work, art educators, designers, industrial design, fashion design, jewelry design, sketch artists, illustrators, photographer, potters and many others.

## What do I need to take?

Below is a summary of the categories of required courses for the AFA, which also meet the requirements of the Associate in Arts - Direct Transfer Agreement (AA-DTA).

## General Education - 20 Credits

### Communication (10 Credits)

- ENGL& 101 English Composition I **Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Units: 5**

### Multicultural Understanding (5 Credits)

Choose one of the following courses: CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270. Recommended: HUM 105.

### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following classes:

MATH& 107, MATH 111, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH 207, MATH 208, MATH 211, MATH& 264, PHIL& 120

\* Students planning to transfer to the University of Washington must consult Math Advising, [mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu).

## Distribution Requirements - 30 Credits

### Humanities

Included in Studio Arts Requirements

### Natural Sciences (15 Credits)

Select from at least two different disciplines (e.g. Biology and Physics) in Natural Sciences. At least 10 credits required in Physical, Earth, and/or Biological Sciences, including at least 5 credits of lab science. Maximum 5 credits from Other Science courses.

### Social Sciences (15 Credits)

Select from at least two different disciplines (e.g., Psychology and History) in Social Sciences.

## Foundation Studio Art Core Requirements (52-55 Credits)

### Fine Arts Core (30 Credits)

- ART 131 Drawing 1 **Units: 5**
- ART 132 Drawing 2 **Units: 5**
- ART 133 Drawing 3 **Units: 5**
- ART 109 Two-Dimensional Design **Units: 5**
- ART 110 Three-Dimensional Design **Units: 5**
- ART 290 AFA Portfolio **Units: 5**



## Art History Requirements (10 Credits)

10 credits of Art History are required for the Foundation Studio Art Core. Take ARTH 226 and one of the following courses: ARTH 204, ARTH 210, ARTH 224, ARTH 225.

## Concentration Area (12-15 Credits)

2D or 3D Studio (Choose One) 12-15 Credits either in 2D or 3D concentration below, or customized with Art Faculty approval.

### 2D Studio Concentration (12-15 Credits)

Choose any three courses below

#### Animation

- ART 134 Drawing for Animation **Units: 5**
- ART 234 History of Animation **Units: 5**

#### Graphic Design

- VCT 101 Graphic Design 1: Typography **Units: 5**
- VCT 102 Graphic Design II: Identity and Logo Design **Units: 5**
- VCT 103 Graphic Design 3: Identity & Branding **Units: 5**

#### Painting and Drawing

- ART 251 Painting 1 **Units: 5**
- ART 252 Painting 2 **Units: 5**
- ART 253 Painting 3 **Units: 5**

#### Photography

- ART 144 Photography 1 **Units: 5**
- ART 145 Photography 2 **Units: 5**
- ART 146 Photography 3 **Units: 5**
- ART 244 Studio Photography **Units: 5**
- ART 246 Documentary Photography **Units: 5**

#### Printmaking

- ART 261 Printmaking 1 **Units: 5**
- ART 262 Printmaking 2 **Units: 5**

## 3D Studio Concentration (12-15 Credits)

Choose any three courses below

#### Ceramics

- ART 121 Ceramic Art 1 **Units: 5**
- ART 122 Ceramic Art 2 **Units: 5**
- ART 123 Ceramic Art 3 **Units: 5**

#### Design and Materials

- ART 254 Wood Art & Design **Units: 5**
- ART 255 Glass Art and Design **Units: 5**
- ART 256 Fiber Art & Design **Units: 5**

#### Sculpture

- ART 271 Sculpture 1 **Units: 5**
- ART 272 Sculpture 2 **Units: 5**
- ART 273 Sculpture 3 **Units: 5**

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559 [advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

### International Advising

9000 Building, Rm. 9302 206-546-4697 [ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu)  
[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

### Faculty Advisors

**Matt Allison** 206-533-6792 [mallison@shoreline.edu](mailto:mallison@shoreline.edu) Rm 2053  
**Zach Mazur** 206-546-5822 [zmazur@shoreline.edu](mailto:zmazur@shoreline.edu) Rm 2052  
**Alicia Zweifach** 206-533-6639 [azweifac@shoreline.edu](mailto:azweifac@shoreline.edu) Rm 5324

## Where can I transfer?

The AFA degree makes it possible for students to transfer as art majors with advanced placement to a number of public and private colleges and universities in the U.S. Washington state institutions are listed below.

### Public Institutions

Central Washington University  
Eastern Washington University  
The Evergreen State College  
University of Washington  
Washington State University  
Western Washington University

## Private Institutions

Cornish School of the Arts  
Gonzaga University  
Heritage University  
NW College of Art & Design  
Pacific Lutheran University  
Seattle Pacific University  
Seattle University  
Walla Walla University

## Selected Washington Program Information

Before choosing classes, become familiar with the four-year program where you want to apply: visit the website, email the department, and/or speak with a Shoreline advisor. Schools each have different admissions and graduation requirements. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.)

### University of Washington

**Degrees:** B.A and B.F.A. in Painting & Drawing ; B.F.A. in 3D4M & Photomedia; B.A. in IVA

### Central Washington University

**Degrees:** B.A. in Art; B.F.A. in Art–Studio Art; B.F.A. in Art-Graphic Design

Areas of Concentration: Ceramics, Jewelry / Metal, Painting / Drawing, Photography & Digital Imaging, Sculpture, Glass, Wood Design

### Washington State University - Pullman

**Degrees:** B.A. and B.F.A. in Art; (B.A and B.F.A. in Fine Arts

Areas of Concentration: Ceramics, Digital media, Drawing, Painting, Photography, Printmaking, Sculpture

### Seattle University

**Degrees:** B.A. and B.F.A. in Visual Art; (B.A. in Interdisciplinary Arts Areas of Concentration: Studio Art, Photography, Digital Art & Design

### Pacific Lutheran University

**Degrees:** B.A. and B.F.A. in Art–Studio Arts

Areas of Concentration: Ceramics, Graphic Design, Painting, Photography, Printmaking, Sculpture

### Western Washington University

**Degrees:** B.A. and B.F.A. in Art; B.A. in Art-Design; B.A.E. in Art-P-12 & Elementary

# Associate in Fine Arts, Photography, AFA Planning Guide

You will complete an Associate in Fine Arts (AFA) at Shoreline. Review the requirements in this planning guide to understand your path in this program.

Once you complete your Shoreline degree, you can choose to transfer to a four-year school to earn a Bachelor's degree or continue to develop as an artist without pursuing a four-year degree.

## About the Associate in Fine Arts

The **Associate in Fine Arts - Photography** degree is designed to meet the general education requirements at Washington state four-year institutions and to prepare students for baccalaureate majors in Photography. Portfolio presentation is often a determining factor in acceptance and placement in a Fine Arts Major, and this degree includes a strong emphasis on portfolio development. This degree also provides a solid foundation for further artistic development and direction for the student who does not plan on transferring for further academic study.

## What do I need to take?

Below is a summary of the categories of required courses for the AFA, which also meet the requirements of the Associate in Arts - Direct Transfer Agreement (AA-DTA)

### General Education - 20 Credits

#### Communication (10 Credits)

- ENGL& 101 English Composition I **Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Units: 5**

#### Multicultural Understanding (5 Credits)

Choose *one* of the following courses: CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270. Recommended: HUM 105.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following classes:

MATH& 107, MATH 111, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH 207, MATH 208, MATH 211, MATH& 264, PHIL& 120

\* Students planning to transfer to the University of Washington must consult Math Advising, [mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu).

### Distribution Requirements (30 Credits)

#### Humanities

Included in Photography Core Requirements

#### Natural Sciences (15 Credits)

Select from at least two different disciplines (e.g. Biology and Physics) in Natural Sciences. At least 10 credits required in Physical, Earth, and/or Biological Sciences, including at least 5 credits of lab science. Maximum 5 credits from Other Science courses.

#### Social Sciences (15 Credits)

Select from at least two different disciplines (e.g., Psychology and History) in Social Sciences.

### Photography Core Requirements (50 Credits)

- VCT 124 Basic Mac & PC Systems **Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**
- ART 109 Two-Dimensional Design **Units: 5**
- ART 131 Drawing 1 **Units: 5**
- ART 144 Photography 1 **Units: 5**
- ART 145 Photography 2 **Units: 5**
- ART 146 Photography 3 **Units: 5**
- ART 244 Studio Photography **Units: 5**
- ART 246 Documentary Photography **Units: 5**
- ART 290 AFA Portfolio **Units: 5**

### Art History Requirements (10 Credits)

10 credits of Art History are required for the Foundation Studio Art Core. Take ARTH 226 and one of the following courses: ARTH 204, ARTH 210, ARTH 224, ARTH 225.

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559 [advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

### International Advising

9000 Building, Rm. 9302 206-546-4697 [ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu)  
[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

## Faculty Advisors

**Matt Allison** 206-533-6792 mallison@shoreline.edu Rm 2053

**Zach Mazur** 206-546-5822 zmazur@shoreline.edu Rm 2052

**Alicia Zweifach** 206-533-6639 azweifac@shoreline.edu Rm 2069

## Where can I transfer?

The AFA degree makes it possible for students to transfer as art majors with advanced placement to a number of public and private colleges and universities in the U.S. Washington state institutions are listed below.

### Public Institutions

Central Washington University  
Eastern Washington University  
The Evergreen State College  
University of Washington  
Washington State University  
Western Washington University

### Private Institutions

Cornish School of the Arts  
Gonzaga University  
Heritage University  
NW College of Art & Design  
Pacific Lutheran University  
Seattle Pacific University  
Seattle University  
Walla Walla University

## Selected Washington Program Information

Before choosing classes, become familiar with the four-year program where you want to apply: visit the website, email the department, and/or speak with a Shoreline advisor. Schools each have different admissions and graduation requirements. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.)

### University of Washington

**Degree:** B.F.A in Art-Photomedia

### Central Washington University

**Degrees:** B.A. in Art-Photography & Digital Imaging  
B.F.A. in Studio Art-Photography & Digital Imaging

### Washington State University - Pullman

**Degree:** B.F.A. in Fine Art: Photography

### Seattle University

**Degrees:** B.F.A. in Photography  
B.A. in Interdisciplinary Arts-Photography Emphasis

### Pacific Lutheran University

**Degrees:** B.A. and B.F.A. in Studio Arts -Photography

### Western Washington University

**Degrees:** B.A. and B.F.A. in Art - Photography Concentration

# Associate in Music, Classical Piano, AM Planning Guide

## Program Description:

The **Associate in Music** degree in **Classical Piano** requires 93 quarter credits in courses numbered 100 or above and a cumulative grade point average of 2.0 or higher. This degree is suitable for students interested in entering a conservatory or seeking a terminal degree at Shoreline Community College with a music emphasis. For students planning to transfer to a baccalaureate college or university in Washington State, the AA-DTA Music transfer degree is the more appropriate degree option.

**Students interested in pursuing the Associate in Music degree should contact a music advisor at the beginning of their program of study.**

## What do I need to take?

### General Education - 15 Credits

Courses used in Gen Ed Core may not be used for Distribution.

#### Communication (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose *one* of the following classes:

MATH& 107, MATH 111, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH 207, MATH 208, MATH 211, MATH& 264, PHIL& 120

\* Students planning to transfer to the University of Washington must consult Math Advising, mathadvising@shoreline.edu.

## Foundation Music Requirements - 68 Credits

### Music Theory (30 Credits)

- MUSC& 141 Music Theory I: First-Year Music Theory **Units: 5**
- MUSC& 142 Music Theory II: First-Year Music Theory **Units: 5**
- MUSC& 143 Music Theory III: First-Year Music Theory **Units: 5**
- MUSC& 241 Second-Year Music Theory **Units: 5**
- MUSC& 242 Second-Year Music Theory **Units: 5**
- MUSC& 243 Second-Year Music Theory **Units: 5**

### Piano (12 Credits)

- MUSC 151 Class Piano for Music Theory I Students **Units: 2** or Test Out
- MUSC 152 Class Piano for Music Theory II Students **Units: 2** or Test Out
- MUSC 153 Class Piano for Music Theory III Students **Units: 2** or Test Out
- MUSC 251 Class Piano for Music Theory IV Students **Units: 2**
- MUSC 252 Class Piano for Music Theory V Students **Units: 2**
- MUSC 253 Class Piano for Music Theory VI Students **Units: 2**

### Major and Small Ensembles (12 Credits)

Choose from the following for a total of 12 credits: These courses may be repeated.

- MUSC 135 Shoreline Singers **Units: 2**
- MUSC 136 Jazz Ensemble **Units: 1**
- MUSC 140 Concert Band **Units: 2**
- MUSC 144 Funk & Groove **Units: 2**
- MUSC 146 Orchestra **Units: 2**
- MUSC 147 Small Ensemble Performance **Units: 1**
- MUSC 175 Chamber Chorale **Units: 1**

### Private Piano Lessons (6 Credits)

- MUSC 180 Individual Instruction - Classical Piano I **Units: 1 (3)**
- MUSC 280 Individual Instruction - Classical Piano II **Units: 1 (3)**

## Core Piano Courses (6 Credits)

- MUSC 224 Survey of Piano Literature **Units: 2**
- MUSC 225 Collaborative Piano **Units: 2**
- MUSC 226 Piano Pedagogy **Units: 2**

## Graduating Recital (2 Credits)

*\*Concurrent enrollment in MUSC 280 required*

- MUSC 298 Individual Project in Music **Units: 2** \*

## Electives - 10 Credits

A minimum of 10 additional college-level credits numbered 100 or above are required for electives. Developmental courses and courses numbered below 100 may not be used.

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559 [advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

### International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697 [ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu)  
[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

### Music Advisors:

**Helena Azevedo** 206-533-6608 [hazevedo@shoreline.edu](mailto:hazevedo@shoreline.edu) Rm 816  
**Jensina Oliver** 206-546-4618 [jbyingto@shoreline.edu](mailto:jbyingto@shoreline.edu) Rm 817

# Associate in Music, Classical Voice, AM Planning Guide

## Program Description:

The **Associate in Music** degree in **Classical Voice** requires 99 quarter credits in courses numbered 100 or above and a cumulative grade point average of 2.0 or higher. This degree is suitable for students interested in entering a conservatory or seeking a terminal degree at Shoreline Community College with a music emphasis. For students planning to transfer to a baccalaureate college or university in Washington State, the AA-DTA Music transfer degree is the more appropriate degree option.

**Students interested in pursuing the Associate in Music degree should contact a music advisor at the beginning of their program of study.**

## What do I need to take?

### General Education - 15 Credits

Courses used in Gen Ed Core may not be used for Distribution.

#### Communication (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following classes:

MATH& 107, MATH 111, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH 207, MATH 208, MATH 211, MATH& 264, PHIL& 120

\* Students planning to transfer to the University of Washington must consult Math Advising, [mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu).

## Foundation Music Requirements - 78 Credits

### Music Theory (30 Credits)

- MUSC& 141 Music Theory I: First-Year Music Theory **Units: 5**
- MUSC& 142 Music Theory II: First-Year Music Theory **Units: 5**
- MUSC& 143 Music Theory III: First-Year Music Theory **Units: 5**
- MUSC& 241 Second-Year Music Theory **Units: 5**
- MUSC& 242 Second-Year Music Theory **Units: 5**
- MUSC& 243 Second-Year Music Theory **Units: 5**

### Piano (12 Credits)

- MUSC 151 Class Piano for Music Theory I Students **Units: 2** or Test Out
- MUSC 152 Class Piano for Music Theory II Students **Units: 2** or Test Out
- MUSC 153 Class Piano for Music Theory III Students **Units: 2** or Test Out
- MUSC 251 Class Piano for Music Theory IV Students **Units: 2**
- MUSC 252 Class Piano for Music Theory V Students **Units: 2**
- MUSC 253 Class Piano for Music Theory VI Students **Units: 2**

### Major Ensemble (12 Credits)

- MUSC 175 Chamber Chorale **Units: 1** (This course may be repeated)

### Private Lessons (6 Credits)

- MUSC 170 Private Instruction - Classical Voice 1 **Units: 1 (3)**
- MUSC 270 Private Instruction - Classical Voice 2 **Units: 1 (3)**

### Diction (6 Credits)

- MUSC 211 Diction for Singers-Italian/German **Units: 3**
- MUSC 212 Diction for Singers-French/English **Units: 3**

## Graduating Recital (2 Credits)

*\*Graduating Recital (MUSC 298) - concurrent enrollment with MUSC 270 required*

- MUSC 298 Individual Project in Music **Units: 2**

## Voice Dance (4 Credits)

- MUSC 167 Voice-Dance Performance Techniques 1  
**Units: 2**
- MUSC 268 Voice-Dance Performance Techniques 2  
**Units: 2**

## Electives - 6 Credits

*Choose from the following - these may be repeated: MUSC& 105, MUSC 135, MUSC 147, MUSC 155, MUSC 156, MUSC 162, MUSC 163, MUSC 165, MUSC 166, MUSC 264*

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559 [advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

### International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697 [ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu)  
[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

### Music Advisor:

**Meg Stecker-Thorsen** [mstecker@shoreline.edu](mailto:mstecker@shoreline.edu) Rm 808



# Associate in Music, Instrumental Music, AM Planning Guide

## Program Description:

The **Associate in Music** degree in **Instrumental Music** requires 103 quarter credits in courses numbered 100 or above and a cumulative grade point average of 2.0 or higher. This degree is suitable for students interested in entering a conservatory or seeking a terminal degree at Shoreline Community College with a music emphasis. For students planning to transfer to a baccalaureate college or university in Washington state, the AA-DTA Music transfer degree is the more appropriate degree option.

**Students interested in pursuing the Associate in Music degree should contact a music advisor at the beginning of their program of study.**

## What do I need to take?

### General Education - 15 Credits

Courses used in Gen Ed Core may not be used for Distribution.

#### Communication (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following classes:

MATH& 107, MATH 111, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH 207, MATH 208, MATH 211, MATH& 264, PHIL& 120

\* Students planning to transfer to the University of Washington must consult Math Advising, mathadvising@shoreline.edu.

### Foundation Music Requirements (78 Credits)

#### Music Theory (30 Credits)

- MUSC& 141 Music Theory I: First-Year Music Theory **Units: 5**

- MUSC& 142 Music Theory II: First-Year Music Theory **Units: 5**
- MUSC& 143 Music Theory III: First-Year Music Theory **Units: 5**
- MUSC& 241 Second-Year Music Theory **Units: 5**
- MUSC& 242 Second-Year Music Theory **Units: 5**
- MUSC& 243 Second-Year Music Theory **Units: 5**

#### Piano (12 Credits)

- MUSC 151 Class Piano for Music Theory I Students **Units: 2** or Test Out
- MUSC 152 Class Piano for Music Theory II Students **Units: 2** or Test Out
- MUSC 153 Class Piano for Music Theory III Students **Units: 2** or Test Out
- MUSC 251 Class Piano for Music Theory IV Students **Units: 2**
- MUSC 252 Class Piano for Music Theory V Students **Units: 2**
- MUSC 253 Class Piano for Music Theory VI Students **Units: 2**

#### Major and Small Ensembles (18 Credits)

Choose from the following for a total of 18 credits: These courses may be repeated.

- MUSC 136 Jazz Ensemble **Units: 1**
- MUSC 140 Concert Band **Units: 2**
- MUSC 144 Funk & Groove **Units: 2**
- MUSC 146 Orchestra **Units: 2**
- MUSC 147 Small Ensemble Performance **Units: 1**
- MUSC 175 Chamber Chorale **Units: 1**

#### Private Lessons (6 Credits)

- MUSC 196 Individual Instruction Instrumental **Units: 1 (3)**
- MUSC 296 Private Instruction Instrumental **Units: 1 \* (3)**

#### Graduating Recital (2 Credits)

\*Concurrent enrollment in MUSC 296 required

- MUSC 298 Individual Project in Music **Units: 2 \***

#### Electives (10 Credits)

A minimum of 10 additional college-level credits numbered 100 or above are required for electives. Developmental courses and courses numbered below 100 may not be used.

## Where can I go for Help?

## General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559 [advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

## International Student Academic Advising

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[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

## Music Advisors:

**Jeffrey Kashiwa** 206-533-6770 [jkashiwa@shoreline.edu](mailto:jkashiwa@shoreline.edu) Rm 808

# Associate in Business, DTA/MRP Planning Guide

You will complete an Associate in Business - Direct Transfer Agreement Major Related Program (MRP) at Shoreline, which is a pathway for students planning to prepare for various business majors at universities in Washington state.

Once you complete your Shoreline degree, you can transfer to a four-year school to earn a baccalaureate degree in Business Administration, Business Management, Accounting, or Management Information Systems.

## About the AA-DTA MRP in Business

The AA-DTA, known as the direct transfer degree, is an agreement between Washington state community colleges and baccalaureate institutions. The credits earned in the AA-DTA transfer as a package to most baccalaureate colleges and universities in Washington, satisfying most, if not all, of the lower division general education requirements and granting junior standing; it does not guarantee admission. The AA-DTA requires 90 quarter credits in college-level courses numbered 100 or above with a cumulative GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0. The AA-DTA Major Related Program (MRP) prepares students for entrance into business majors at particular four-year schools. The MRP requires specific courses, and will be shown on your transcript as a different type of completion than the general AA-DTA.

## What do I need to take?

Below is a summary of the categories of required courses for the AA-DTA. Courses listed are required for the Business MRP. See below for available courses in each category.

### General Education - 25 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

#### Communication Skills (10 Credits)

- ENGL& 101 English Composition I **Units: 5**
- ENGL& 102 Composition II:  
Reasoning/Research/Writing **Units: 5**

#### Multicultural Studies (5 Credits)

Select *one* of the following courses:

HUM 105, CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, AES 101, PSYC 230, SOC 270.

#### Quantitative Reasoning (10 Credits)

*Note: Business MRP requires 10 credits in Quant. & Sym. Reasoning. The AA-DTA requires only 5.*

For the first five credits, take one of the following classes: MATH 111 (required for WSU), MATH& 141, MATH& 142, MATH& 152, MATH& 163.

For the second five credits, take either MATH& 148 (preferred) or MATH& 151.

## Distribution Requirements - 45 Credits

See Courses That Meet Transfer Degree Requirements

### Humanities (15 Credits)

Select from at least two different disciplines (e.g., Art and Drama) in Humanities . Maximum of 5 credits allowed in Performance/Skills courses. No more than 5 credits in a world language at the 100 level.

*Recommended: CMST& 101, CMST& 220, World Language if required by four-year program.*

### Natural Sciences (15 Credits)

Select from at least two different disciplines in Natural Sciences. At least 10 credits required in Physical, Earth, and/or Biological Sciences, including at least 5 credits of lab science. Maximum 5 credits from "Other Science" courses.

Take either MATH& 146 or MATH 211 (preferred).

### Social Sciences (15 Credits)

Select a third course from a disciplines other than Economics.  
*Recommended: BUS& 101 or one course in Political Science, Sociology or Psychology*

- ECON& 201 Micro Economics **Units: 5**
- ECON& 202 Macro Economics **Units: 5**

### Business - 20 Credits

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 202 Principles of Accounting II **Units: 5**
- ACCT& 203 Principles of Accounting III **Units: 5**
- BUS& 201 Business Law **Units: 5**

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229  
206-546-4559 [advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

## International Advising

9000 Building, Rm. 9302 206-546-4697  
ieadvisors@shoreline.edu  
www.shoreline.edu/international/advising/

## Business Faculty Advisors

businessprograms@shoreline.edu

## Where can I transfer?

The AA-DTA MRP in Business makes it possible for students to transfer to a number of public and private colleges and universities with junior standing. Below are Washington state institutions that recognize the AA-DTA MRP in Business.

### Public Institutions

Central Washington University  
Eastern Washington University  
The Evergreen State College  
University of Washington - Bothell, Seattle, Tacoma  
Washington State University - Pullman, Tri-Cities, Vancouver  
Western Washington University

### Private Institutions

Gonzaga University  
Heritage University  
Pacific Lutheran University  
Saint Martin's University  
Seattle Pacific University  
Seattle University  
Walla Walla University  
Whitworth University

## Transfer Notes:

1. Please consult with an advisor and your chosen business bachelor degree program. Program and admissions requirements vary and may change without notice. Learn more about where you would like to transfer: visit the website, email the department, or speak with a Shoreline advisor.
2. Students intending to pursue the manufacturing management major at **WWU** should consult **WWU** regarding the selection of natural science courses required for admission to the major.
3. Students intending to pursue the international business major should consult their potential transfer institutions regarding the level of world language required for admission to the major. Five credits in world language may apply to the Humanities requirement.

4. Students are encouraged to include a speech or oral communication course (not small group communication).
5. **WSU** (all campuses), **Gonzaga**, **PLU**, **SPU**, and **Western Washington University** have requirements for admission to the major that go beyond those specified in the Associate in Business, DTA/MRP: **WSU (all campuses)**: Management Information Systems (MIS 250); **Gonzaga**: Management Information Systems (BMIS 235); **PLU**: Computer Applications (CSCE 120) or equivalent course or skills test; **SPU**: Spreadsheet (BUS 1700) or equivalent course or skills test; **Western Washington University**: Introduction to Business Computer Systems MIS 220.
6. The following institutions do not require a lower division Business Law course and agree to accept the course taken as part of this degree as a lower division elective, but generally not as an equivalent to the course required at the upper division: Heritage, PLU, SU, and Walla Walla University.
7. International students who completed a business law course specific to their home country must take a business law course at a U.S. institution in order to demonstrate proficiency in U.S. Business Law.
8. **University of Washington Seattle**: The statistics course must have a minimum pre-requisite of Calculus or be equivalent to UW's Quantitative Methods (QMETH) 201 or Statistics (STAT) 311.
9. **EWU**: The second English Composition course must be equivalent to EWU's English 201 - College Composition: Analysis, Research and Documentation.

# Associate in Pre-Nursing, AA-DTA/MRP Planning Guide

You will complete an Associate in Pre-Nursing Direct Transfer Agreement (DTA) Major Related Program (MRP) at Shoreline.

Once you complete your Shoreline degree, you can transfer to a four-year school to earn a baccalaureate degree in nursing.

An alternate pathway is an Associate Degree in Nursing at a community college, including Shoreline CC. Such programs require very similar nursing specific pre-requisite courses, but do not require the full AA-DTA degree.

Both pathways lead to eligibility for the national exam (NCLEX) and earn the Registered Nursing license.

## About the AA-DTA MRP in Pre-Nursing

This 90 credit transfer degree is part of the Washington State Pre-Nursing Direct Transfer Agreement/Major Related Program and is intended as preparation for a major in nursing at a Baccalaureate College/University. Nursing is also an excellent major for graduate studies in Nursing, Physician Assistant, and some Health Science programs. Students are encouraged to check exact pre-requisites and application procedures for each nursing program. These programs are highly competitive and cannot admit all qualified applicants. The AA-DTA requires 90 quarter credits in college-level courses numbered 100 or above with a cumulative GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0. The Pre-Nursing MRP also requires specific courses to take within the degree to help students prepare for entrance into baccalaureate majors in Nursing.

## What do I need to take?

Below is a summary of the categories and specific courses required for the AA-DTA Pre-Nursing MRP. See below for available courses in the Multicultural Understanding and Humanities categories.

## General Education Courses - 20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

### Communication (10 Credits)

- ENGL& 101 English Composition I **Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Units: 5**

### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

HUM 105, CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, AES 101, PSYC 230, SOC 270.

### Quantitative/Symbolic Reasoning (5 Credits)

Take *either* MATH& 146 or MATH 211.

## Distribution Requirements - 65 Credits

See Courses That Meet Transfer Degree Requirements

### Humanities (15 Credits)

Select from at least two different disciplines. Maximum of 5 credits allowed in Performance/Skills courses. No more than 5 credits in a world language at the 100 level.

**Recommended:** CMST& 101; Art, Drama or Music Appreciation; World language may be required for university admission.

- CMST& 220 Public Speaking **Units: 5**

### Social Sciences (15 Credits)

Take PSYC& 100, PSYC& 200 and one Sociology course.

## Pre-Nursing/Natural Sciences (35 Credits)

CHEM& 121 is a prerequisite for BIOL& 211 and BIOL& 211 is a pre-requisite for other BIOL& courses.

- CHEM& 121 Intro to Chemistry **Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Units: 5**
- BIOL& 211 Majors Cellular: Biology **Units: 5**
- NUTR& 101 Nutrition **Units: 5**
- BIOL& 241 Human Anatomy & Physiology I **Units: 5**
- BIOL& 242 Human Anatomy and Physiology II **Units: 5**
- BIOL& 260 Microbiology **Units: 5**

## Electives - Minimum 5 Credits

A maximum of 5 credits allowed for restricted/vocational courses, and a maximum of 3 credits allowed in Physical Education.

*Courses and experience contributing to an understanding of and sensitivity to human diversity is considered important by all programs.*

## Where can I transfer?

The AA-DTA MRP in Pre-Nursing makes it possible for students to transfer to a number of public and private colleges and

universities with junior standing. Below are Washington state institutions that offer a Bachelor's Degree in Nursing.

Gonzaga University  
Heritage University  
Northwest University  
University of Washington - Seattle  
Washington State University (Spokane, Tri-Cities, Yakima)  
Pacific Lutheran University  
Seattle Pacific University  
Seattle University  
Walla Walla University (Portland, OR)

## What does your chosen four-year school require?

When choosing classes, learn about the four-year program where you want to apply: visit the website, email the department, or speak with a Shoreline advisor. Check whether the school has an overall minimum GPA, a higher GPA in selected sets of courses, or specific minimum grades in one or more courses. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.) Relevant health care experience as a volunteer or through work is important and many schools have a minimum requirement. Below are notes about admissions and graduation requirements from selected Washington schools offering a B.S. in Nursing. Many schools application dates are in December, January or February (for a Fall qtr start), but dates and procedures vary by school. Most schools allow for a few courses to be in progress at the time of application. Read the web sites carefully for this and other information.

### Washington State University

**Requirements/Notes:** This is available in Spokane, Tri-Cities, Walla Walla, Vancouver, and Yakima. Admission happens twice a year for fall and spring semesters.

### Northwest University

**Requirements/Notes:** Courses required: In addition to the core nursing requirements, Northwest requires ANTH& 206. NW University also requires 2 credits in Genetics and Old and New Testament courses which can be taken the summer prior to beginning the nursing program. Application is through Nursing CAS.

### Pacific Lutheran University

**Requirements/Notes:** PLU's Nursing program starts in the second/sophomore year. An AA degree is not required. Prerequisite courses are:

- CHEM& 121 Intro to Chemistry **Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Units: 5**
- BIOL& 211 Majors Cellular: Biology **Units: 5**

- BIOL& 241 Human Anatomy & Physiology I **Units: 5**
- BIOL& 242 Human Anatomy and Physiology II **Units: 5**
- PSYC& 100 General Psychology **Units: 5**

### Seattle University

**Requirements/Notes:** In addition to MATH 211 or MATH& 146, Seattle University requires MATH& 141 or MATH 111 or higher level course.

### Seattle Pacific University

**Requirements/Notes:** Nursing prerequisite course GPA must be 3.5 or higher.

### University of Washington

**Requirements/Notes:** UW Nursing requires one additional course from this list. Students transferring to the UW must also meet high school core admission requirements.

- MATH& 107 Math in Society **Units: 5**
- MATH 111 Elements of Pre-Calculus **Units: 5**
- MATH& 141 Precalculus I **Units: 5**
- PHIL& 120 Symbolic Logic **Units: 5**

## Where can I go for help?

For course questions and entry codes:

- biologyadvising@shoreline.edu
- chemistryadvising@shoreline.edu
- mathadvising@shoreline.edu.

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559,  
advising@shoreline.edu www.shoreline.edu/advising

**Joyce Fagel** 206-546-6984 jfagel@shoreline.edu Rm 5229

### International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697  
ieadvisors@shoreline.edu  
www.shoreline.edu/international/advising/

### Faculty Advisors

**Sarah Leyden** 206-546-5819 sleyden@shoreline.edu Rm 5357  
**Steven Bogart** 206-546-6986 sbogart@shoreline.edu Rm 5333  
**Kira Wennstrom** 206-546-4578 kwennstrom@shoreline.edu Rm 2816  
**Leonard Gines** 206-546-4543 lgines@shoreline.edu Rm 2815

**Kristine Petesch** 206-546-4738 kpetesch@shoreline.edu Rm  
2820

# Associate in Computer Science, DTA/MRP Planning Guide

There are two paths to transfer for this major depending on your personal preferences:

- A) A highly prescribed degree plan using Associate in Computer Science, DTA/MRP Planning Guide.
- B) A more general Associate degree using the Computer Science and Software Systems Pre-Major, AA-DTA Planning Guide and the AA-DTA Degree Planning Guide.

Use the information below to understand the requirements for graduation with an Associate in Computer Science.

Once you complete your Shoreline degree, you can transfer to a four-year school to earn a baccalaureate degree in Computer Science, Software Engineering, or a related field.

## About the AA-DTA MRP in Computer Science

The AA-DTA, known as the direct transfer degree, is an agreement between Washington State community colleges and baccalaureate institutions. The credits earned in the AA-DTA transfer as a package to most baccalaureate colleges and universities in Washington, satisfying most, if not all, of the lower division general education requirements and granting junior standing; it does not guarantee admission. The Computer Science AA-DTA requires 90.5 - 91.5 quarter credits in college-level courses numbered 100 or above with a cumulative GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0. The AA-DTA Major Related Program (MRP) prepares students for entrance into computer science majors at particular four-year schools. The MRP requires specific courses and will be shown on your transcript as a different type of completion than the general AA-DTA.

## What do I need to take?

Below is a summary of the categories of required courses for the AA-DTA. Courses listed are required for the Computer Science MRP. See below for available courses in each category.

### General Education - 20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

#### Communication Skills (10 Credits)

- ENGL& 101 English Composition I Units: 5

- ENGL& 102 Composition II: Reasoning/Research/Writing Units: 5

#### Multicultural Studies (5 Credits)

Select one of the following courses: CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I Units: 5

## Distribution Requirements - 45.5-46 Credits

See *Courses which meet Distribution Area Requirements*.

#### Humanities (15 Credits)

Select from at least two different disciplines (e.g., Art and Drama) in Humanities. Maximum of 5 credits allowed in Performance/Skills courses. No more than 5 credits in a world language at the 100 level.

#### Natural Sciences (15.5-16 Credits)

Select from at least two different disciplines in Natural Sciences. At least 10 credits required in Physical, Earth, and/or Biological Sciences, including at least 5 credits of lab science. Maximum 5 credits from "Other Science" courses.

##### Option 1:

- PHYS& 221 Engineering Physics I w/Lab: Mechanics Units: 5.5
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism Units: 5.5
- MATH& 152 Calculus II Units: 5

##### Option 2:

- PHYS& 221 Engineering Physics I w/Lab: Mechanics Units: 5.5
- 5-credit or greater lab science (PHYS& 222 strongly recommended)
- MATH& 146, MATH& 152, or MATH 211 (MATH& 152 strongly recommended)

Depending on transfer destination, additional science and math may be required. PHYS& 223, MATH& 146 or MATH 211, MATH& 163 and/or other upper level math may be required.

#### Social Sciences (15 Credits)

Select from at least two different disciplines (e.g., Psychology and History) in Social Sciences.



## Computer Science - 10-13 Credits

CS& 141 and CS 143 required, CS 151 recommended for students bound for 4-year programs requiring C++.

## General Electives - 11.5-16 Credits

Comprised of other college-level courses or unrestricted courses. A maximum of 15 credits allowed for restricted/vocational courses, and a maximum of 3 credits allowed in Physical Education. Please see the lists of Restricted Electives and Elective Courses (Non-restricted).

Check with your transfer institution for specific requirements for your Computer Science program. Requirements vary widely among 4-year programs.

Typical electives include: CS 121, CS 211, MATH& 163, MATH& 146, MATH 207, MATH 208, MATH 211, MATH& 264, PHYS& 223, BIOL& 211, GEOL& 101, ENV& 101.

Check with an advisor before making class selection.

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559  
advising@shoreline.edu  
<http://www.shoreline.edu/advising>

**Tiff Meier** 206-546-4559 tmeier@shoreline.edu Rm 5233

### International Advising

9000 Building, Rm. 9302 206-546-4697  
ieadvisors@shoreline.edu  
<http://www.shoreline.edu/international/advising/>

### Computer Science Faculty Advisors

**Crystal Hess** 206-546-7626 chess@shoreline.edu Rm 2813  
**Alison Armstrong** 206-546-4698 Alison.armstrong@shoreline.edu Rm 2810

## Where can I transfer?

The AA-DTA MRP in Computer Science makes it possible for students to transfer to a number of public and private colleges and universities with junior standing. Below are Washington State institutions that recognize the AA-DTA MRP in Computer Science.

#### List of Public Universities:

Central Washington University  
Eastern Washington University  
The Evergreen State College  
University of Washington Seattle  
University of Washington Bothell  
University of Washington Tacoma

Washington State University  
Western Washington University

#### List of Private Universities:

Gonzaga University  
Heritage University  
Pacific Lutheran University  
Seattle Pacific University  
Seattle University  
Whitworth University

## Transfer Notes:

**University of Washington Seattle:** MATH& 151, MATH& 152, MATH& 163, CS& 141, CS 143 and either PHYS& 221 OR CHEM 171/CHEM 181 . Students will need a second quarter of science for graduation so they should take it at Shoreline.

**University of Washington Bothell:** CS& 141, CS 143, MATH& 151, MATH& 152, and statistics required.

**Seattle University:** CS& 141, CS 143, MATH& 151, MATH& 152, (MATH& 163 and MATH 208 highly recommended) PHYS& 221, PHYS& 222, PHYS& 223.

**Central Washington University:** MATH& 151, CS& 141, CS 143.

**Washington State University Pullman:** CS& 141, CS 143, MATH& 151, MATH& 152, MATH& 163, MATH 208, MATH& 264, PHYS& 221, PHYS& 222, PHYS& 223 (requirements vary at other WSU campuses).

**Seattle Pacific University:** Two bachelor's degree options are available. Bachelor of Science: CS& 141, CS 143, MATH& 151, MATH& 152, MATH& 163, PHYS& 221, PHYS& 222, PHYS& 223, recommended MATH& 146 or MATH 211 and MATH 208; Bachelor of Arts: CS& 141, CS 143, MATH& 146 or MATH 211, MATH& 151.

**Bellevue College:** CS& 141, CS 143, MATH& 151, MATH& 152, one lab science from PHYS& 221, CHEM 171/CHEM 181 , or BIOL& 211.

# Associate in Construction Management, AA-DTA/MRP Planning Guide

You will complete an Associate in Construction Management Direct Transfer Agreement (DTA) Major Related Program (MRP) at Shoreline. The Associate degree requires a minimum of 90 quarter credits in college-level courses numbered 100 or above with a cumulative GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0.

Once you complete your Shoreline degree, you can transfer to a four-year school to earn a baccalaureate degree in Construction Management. Entry into Construction Management majors is selective. Students typically require higher minimum overall GPA than the minimum 2.0 for the general DTA. Each four-year college establishes minimum GPA requirements for the overall degree and for the specified course. Students need to check criteria for selection by checking with the institution.

## About the AA-DTA MRP in Construction Management

The AA-DTA, known as the direct transfer degree, is an agreement between Washington state community colleges and baccalaureate institutions. The credits earned in the AA-DTA transfer as a package to most baccalaureate colleges and universities in Washington, satisfying most, if not all, of the lower division general education requirements and granting junior standing; it does not guarantee admission. The AA-DTA Major Related Program (MRP) prepares students for entrance into construction management majors at particular four-year schools. The MRP requires specific courses, and will be shown on your transcript as a different type of degree than the general AA-DTA.

## What do I need to take?

Below is a summary of the categories of required courses for the AA-DTA. Courses listed are required for the Construction Management MRP. See below for available courses.

**This unofficial guide is intended to support you as you prepare for your major. Please consult with an advisor and your chosen four-year school(s), as program and admissions requirements vary and may change without notice.**

## General Education - 20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

### Communication (10 Credits)

- ENGL& 101 English Composition I **Units: 5**

- ENGL& 102 Composition II: Reasoning/Research/Writing **Units: 5**

### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

HUM 105, CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, AES 101, PSYC 230, SOC 270.

### Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Units: 5**

## Distribution Requirements - 45 Credits

See Courses That Meet Transfer Degree Requirements

### Humanities (15 Credits)

Select from at least two different disciplines (e.g., Art and Drama) in Humanities. Maximum of 5 credits allowed in Performance/Skills courses. No more than 5 credits in a world language at the 100 level.

- CMST& 220 Public Speaking **Units: 5**

### Natural Sciences (15 Credits)

Select from at least two different disciplines. At least 10 credits required in Physical, Earth, and/or Biological Sciences, including at least 5 credits of lab science. Maximum 5 credits from "Other Science" courses.

*Also recommended: MATH& 146 or MATH& 152, PHYS& 115 or PHYS& 222 or CHEM 171/CHEM 181; additional natural science for electives*

- GEOL& 101 Introduction to Physical Geology **Units: 5**
- PHYS& 114 General Phys I w/Lab **Units: 5**
- or
- PHYS& 221 Engineering Physics I w/Lab: Mechanics **Units: 5.5**

## Social Sciences (15 Credits)

Select from at least two different disciplines (e.g., Psychology and History).

- BUS& 201 Business Law **Units: 5**
  - ECON& 201 Micro Economics **Units: 5**
- or
- ECON& 202 Macro Economics **Units: 5**

## General Electives - Minimum 25 Credits

Comprised of other college-level courses or unrestricted courses. A maximum of 15 credits allowed for restricted/vocational courses, and a maximum of 3 credits allowed in Physical Education. Please see the lists of Restricted Electives and Elective Courses (Non-restricted).

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 202 Principles of Accounting II **Units: 5**

## Where can I go for help?

### General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559  
advising@shoreline.edu  
www.shoreline.edu/advising

**Tiff Meier** 206-546-6953 tmeier@shoreline.edu Rm 5231

### International Advising

9000 Building, Rm. 9302 206-546-4697  
ieadvisors@shoreline.edu  
www.shoreline.edu/international/advising/

## Where can I transfer?

The AA-DTA MRP in Construction Management makes it possible for students to transfer to a number of public and private colleges and universities with junior standing. Below are Washington state institutions that recognize the AA-DTA MRP in Construction Management.

Central Washington University  
Eastern Washington University  
University of Washington  
Washington State University

# Bioengineering and Chemical Engineering, AS-T/MRP Planning Guide

The Associate in Science Transfer (AS-T) Track 2, Major Related Program is designed to prepare students entrance into a Bachelor of Science (B.S.) program in Bioengineering or Chemical Engineering. The MRP details the required foundation courses for students to be prepared for junior standing at baccalaureate institutions. Students will be required to take additional general education courses after transfer. Engineering is also an excellent major for graduate studies in Environmental Sciences, Law, Medicine, Business and Education.

## What do I need to take?

Below are the requirements for the AS-T Track 2 and the Major Related Program (MRP) in Bioengineering and Chemical Engineering.

### General Education - 18-20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

#### Communication (8-10 Credits)

Take ENGL& 101 and either ENGL& 102, ENGL& 230, or CMST& 101.

#### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Units: 5**

### Distribution Requirements - 10 Credits

#### Humanities (5 Credits)

Take one course from the Humanities course list.

#### Social Sciences (5 Credits)

Take one course from the Social Sciences course list.  
Recommended: ECON& 201.

### Pre-Major Program - 78-80 Credits

### Physics (16.5 Credits)

- PHYS& 221 Engineering Physics I w/Lab: Mechanics **Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light **Units: 5.5**

### Chemistry (26.5 Credits)

- CHEM 171 General-Inorganic Chemistry I **Units: 4**
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Units: 2.5**
- CHEM 172 General-Inorganic Chemistry II **Units: 4**
- CHEM 182 General-Inorganic Chemistry II (Lecture-Lab) **Units: 2.5**
- CHEM 173 General-Inorganic Chemistry III **Units: 4**
- CHEM 183 General-Inorganic Chemistry III (Lecture-Lab) **Units: 2.5**
- CHEM& 241 Organic Chemistry I **Units: 4**
- CHEM 271 Organic Chemistry I Lab **Units: 3**

### Additional CHEM/BIOL (5-7 Credits)

Take either CHEM& 242/CHEM 272 or BIOL& 211.

### Mathematics (15 Credits)

- MATH& 152 Calculus II **Units: 5**
- MATH& 163 Calculus 3 **Units: 5**
- MATH 207 Elements of Differential Equations **Units: 5**

### Major Elective Courses (15 Credits)

Choose from the following courses: BIOL& 211 (if not taken above), BIOL& 212, CHEM& 242/CHEM 272 (if not taken above), CS& 141, ENGL& 230, ENGR& 204, ENGR& 214, ENGR 240, MATH 208, MATH& 264.

## What does your chosen four-year school require?

Before choosing classes, become familiar with the four-year program where you want to apply: visit the website, email the department, and/or speak with a Shoreline advisor. Below are examples from Washington schools with different admissions and graduation requirements. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.)

### University of Washington

**Degrees:** B.S. in Bioengineering; Chemical Engineering with an option in Nanoscience, Molecular Engineering; and Bioresource Science and Engineering.

**Requirements:** Note that UW Departments of Bioengineering and Chemical Engineering admit only once a year for Spring Quarter and that admission is very competitive.  
<https://www.engr.washington.edu/admission/department/prereqs-by-major>

## Walla Walla University

**Degrees:** B.S. in Bioengineering.

**Requirements:** Walla Walla University is a private university affiliated with the Seventh Day Adventists. Students will be required to take religious studies courses after transfer.  
<https://www.wallawalla.edu/academics/areas-of-study/engineering/academic-programs/>

## Washington State University

**Degrees:** B.S. in Bioengineering; Chemical Engineering (Pullman)

**Requirements:** In addition to core math, science and engineering courses, WSU requires ECON& 201 to graduate. A 2.0 or better grade in all engineering and major prerequisite courses is required. <http://tinyurl.com/n3etplc>

## Where can I go for help?

For course information and entry codes, contact:

[engineeringadvising@shoreline.edu](mailto:engineeringadvising@shoreline.edu)  
[chemistryadvising@shoreline.edu](mailto:chemistryadvising@shoreline.edu)  
[mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu)  
[biologyadvising@shoreline.edu](mailto:biologyadvising@shoreline.edu)  
[computerscienceadvising@shoreline.edu](mailto:computerscienceadvising@shoreline.edu)

## General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559:  
[advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

**Tiff Meier** 206-546-6953 [tmeier@shoreline.edu](mailto:tmeier@shoreline.edu) Rm. 5233

## International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697  
[ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu)  
[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

## Instructional Faculty Advisors

**Alison Armstrong** 206-546-4698 [aarmstrong3@shoreline.edu](mailto:aarmstrong3@shoreline.edu)  
Rm. 2810  
**David Phippen** 206-546-4572 [dhippen@shoreline.edu](mailto:dhippen@shoreline.edu) Rm. 2817

## Where can I transfer?

The AS-T Track 2 MRP in Bioengineering and Chemical Engineering makes it possible for students to transfer to a number of public and private colleges and universities with junior standing. Below are Washington state institutions that recognize this MRP.

University of Washington (BE, CHE,)  
Washington State University (BE, CHE)  
Walla Walla University (BE)

\* Note: Engineering majors offered at Washington state universities are designated as follows: Bioengineering (BE) and Chemical Engineering (CHE)

# Computer and Electrical Engineering, AS-T/MRP Planning Guide

The Associate in Science Transfer (AS-T) degree is designed to prepare students entrance into a Bachelor of Science (B.S.) program in Computer Engineering or Electrical Engineering. This AS-T degree is a Major Related Program detailing university requirements in the sciences, mathematics, computer science, communications and engineering so students will be ready for junior standing. Students will be required to take additional courses after transfer to fulfill general university requirements. Computer and Electrical Engineering is also an excellent major for graduate studies in Computer Science, Engineering, Law, Business and Education.

## What do I need to take?

Below are the requirements for the AS-T Track 2 and the Major Related Program (MRP) in Computer and Electrical Engineering.

### General Education - 18-20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

### Communication (8-10 Credits)

Take ENGL& 101 and either ENGL& 102, ENGL& 230, or CMST& 101.

### Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

### Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Units: 5**

### Distribution Requirements - 10 Credits

#### Humanities (5 Credits)

Take one course from the Humanities course list.

#### Social Sciences (5 Credits)

Take one course from the Social Sciences course list.  
Recommended: ECON& 201.

## Pre-Major Program (75-79.5 Credits)

### Physics (16.5 Credits)

- PHYS& 221 Engineering Physics I w/Lab: Mechanics **Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light **Units: 5.5**

### Computing & Eng. (11 Credits)

- CS& 141 Computer Science I - Java **Units: 5**
- ENGR& 204 Electrical Circuits with AC Analysis and Lab **Units: 6**

### Chemistry (6.5 Credits)

- CHEM 171 General-Inorganic Chemistry I **Units: 4**
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Units: 2.5**

### Mathematics (20 Credits)

- MATH& 152 Calculus II **Units: 5**
- MATH& 163 Calculus 3 **Units: 5**
- MATH 207 Elements of Differential Equations **Units: 5**
- MATH 208 Linear Algebra **Units: 5**

### Major Electives (22-26.5 Credits)

Select from the following courses: BIOL& 211, CS 121 ,CS 143, CS 151, CHEM 172/CHEM 182, ENGL& 230 (if not used above), ENGR 100, ENGR 102, ENGR& 104, ENGR 202, ENGR& 214, ENGR& 215, ENGR 240, MATH& 264.

## Where can I go for help?

For course information and entry codes, contact:

mathadvising@shoreline.edu  
chemistryadvising@shoreline.edu  
computerscienceadvising@shoreline.edu  
engineeringadvising@shoreline.edu

## General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559  
advising@shoreline.edu  
www.shoreline.edu/advising

**Tiff Meier** 206-546-6953 tmeier@shoreline.edu Rm 5233

## International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697  
ieadvisors@shoreline.edu  
www.shoreline.edu/international/advising/

## Instructional Faculty Advisors

**Alison Armstrong** 206-546-4698 aarmstrong3@shoreline.edu Rm 2811

## Where can I transfer?

The AS-T Track 2 MRP in Computer and Electrical Engineering makes it possible for students to transfer to a number of public and private colleges and universities with junior standing. Below are Washington State institutions that recognize this MRP.

### Public Institutions

Central Washington University (CE Tech, EE Tech)  
Eastern Washington University-Spokane (CE)  
University of Washington-Seattle (CE, EE)  
University of Washington-Bothell (CE, EE)  
University of Washington-Tacoma (CE)  
Washington State University - Pullman (CE, EE)  
Washington State University - Everett (EE)  
Washington State University-Tri-Cities (EE)  
Washington State University-Vancouver (EE)  
Western Washington University (EE)

### Private Institutions

DigiPen Inst. of Tech (CE)  
Gonzaga University (EE, CE)  
Pacific Lutheran University (EE, CE)  
Seattle Pacific University (EE, CE)  
Seattle University (EE, CE)  
Walla Walla University (CE)

\* Note: Engineering Majors offered at Washington State Universities are designated as follows: Computer Engineering (CE) and Electrical Engineering (EE)

## What does your chosen four-year school require?

Before choosing classes, become familiar with the four-year program where you want to apply: visit the website, email the department, and/or speak with a Shoreline advisor. Below are examples from Washington schools with different admissions and graduation requirements. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.) University engineering programs require specific courses for each major. Not all majors/universities require all courses on this "Major Related

Program" planning guide. At many schools, admission to these majors is competitive. Students are encouraged to investigate the schools and departments to which they plan to apply. The "Engineering, General" Planning Guide shows the minimum requirements for the Associate in Science Transfer-Track 2 degree.

### University of Washington - Seattle

**Degrees:** B.S. in Computer Engineering and B.S. in Electrical Engineering

**Requirements:**

<http://www.washington.edu/students/genecat/academic/ee.html>  
<http://www.washington.edu/students/genecat/academic/cse.html>

### University of Washington - Bothell

**Degrees:** B.S. in Computer Engineering and B.S. in Electrical Engineering

**Requirements:**

<https://www.uwb.edu/bscompe/admissions/prerequisites>  
<https://www.uwb.edu/ee/prerequisites>

### University of Washington - Tacoma

**Degrees:** B.S. in Computer Engineering and Systems

**Requirements:** <https://www.tacoma.uw.edu/institute-technology/admission-requirements-bs-computer-engineering-systems>

### Washington State University

**Degrees:** B.S. in Computer Engineering and B.S. in Electrical Engineering

**Requirements:**

<https://admission.wsu.edu/academics/fos/Public/field.castle?id=7585>  
<https://admission.wsu.edu/academics/fos/Public/field.castle?id=1602>

### Seattle University

**Degrees:** B.S. in Electrical Engineering and Electrical Engineering w/ specialization in Comp. Eng.

**Requirements:**

<https://www.seattleu.edu/scieng/ece/programs-of-study>

# Civil and Mechanical Engineering, AS-T/MRP Planning Guide

The Associate in Science - Transfer degree requires a minimum of 90 quarter credits in courses numbered 100 or above and a cumulative GPA of 2.0 or higher. Each individual course must have a minimum grade of 1.0. Students granted the degree are normally awarded junior status. The AS-T Major Related Program (MRP) prepares students for entrance into certain majors at those schools. The MRP requires specific courses, and will be shown on your transcript as a different type of degree than the general AS-T.

## What do I need to take?

Below are the requirements for the AS-T Track 2 and the Major Related Program (MRP) in Civil and Mechanical Engineering.

### General Education - 18-20 Credits

Courses used in General Education (Gen Ed) Core may not be used for distribution.

#### Communication (8-10 Credits)

Take ENGL& 101 and either ENGL& 102, ENGL& 230, or CMST& 101.

#### Multicultural Understanding (5 Credits)

Select *one* of the following courses: CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Units: 5**

### Distribution Requirements - 10 Credits

See Courses That Meet Transfer Degree Requirements.

#### Humanities (5 Credits)

Choose one course from the Humanities course list.

#### Social Sciences (5 Credits)

Select one course from the Social Sciences course list.  
Recommended: ECON& 201.

## Pre-Major Program - 79-84.5 Credits

### Physics (16.5 Credits)

- PHYS& 221 Engineering Physics I w/Lab: Mechanics **Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light **Units: 5.5**

### Mathematics (20 Credits)

- MATH& 152 Calculus II **Units: 5**
- MATH& 163 Calculus 3 **Units: 5**
- MATH 207 Elements of Differential Equations **Units: 5**
- MATH 208 Linear Algebra **Units: 5**

### Chemistry (13 Credits)

- CHEM 171 General-Inorganic Chemistry I **Units: 4**
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Units: 2.5**
- CHEM 172 General-Inorganic Chemistry II **Units: 4**
- CHEM 182 General-Inorganic Chemistry II (Lecture-Lab) **Units: 2.5**

### Engineering (25 Credits)

- ENGR& 114 Engineering Graphics **Units: 5**
- ENGR 115 Intro to Engineering: Modeling and Analysis **Units: 5**
- ENGR& 214 Statics **Units: 5**
- ENGR& 215 Dynamics **Units: 5**
- ENGR& 225 Mechanics of Materials **Units: 5**

### Program Specific Courses (6-10 Credits)

Choose two of the following courses: CS 121, CS& 141, ENGR 100, ENGR 102, ENGR& 104, ENGR 202, ENGR& 204, ENGR 206, ENGR 240, MATH& 264.

## Where can I go for help?

For course information and entry codes, contact:

engineeringadvising@shoreline.edu  
chemistryadvising@shoreline.edu;  
computerscienceadvising@shoreline.edu  
mathadvising@shoreline.edu

## General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559  
advising@shoreline.edu  
www.shoreline.edu/advising

**Tiff Meier** 206-546-6953 tmeier@shoreline.edu Rm 5233



## International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697  
ieadvisors@shoreline.edu  
www.shoreline.edu/international/advising/

## Instructional Faculty Advisors

**Alison Armstrong** 206-546-4698 aarmstrong3@shoreline.edu Rm 2810

## Where can I transfer?

The AS-T Track 2 MRP Aeronautical, Civil, Industrial, Manufacturing, Materials Science, Mechanical Engineering, Plastics and Composites makes it possible for students to transfer to a number of public and private colleges and universities with junior standing. Below are Washington state institutions that recognize this MRP.

## Public Institutions

Central Washington University - Ellensburg (MET)  
Eastern Washington University - Cheney (ME, MET)  
University of Washington - Seattle (AE, CE, IE, MSE, ME )  
University of Washington - Bothell (ME)  
Washington State University - Pullman (CE, ME, MSE)  
Washington State University -Vancouver (ME)  
Washington State University - Tri-Cities (CE, ME)  
Washington State University - Everett (ME)  
Washington State University - Olympic College (ME)  
Western Washington University - Bellingham (ManE, PCE)

## Private Institutions

Gonzaga University (CE, ME)  
Saint Martin's University (CE, ME)  
Seattle Pacific University (ME)  
Seattle University (CE, ME)  
Walla Walla University (CE, ME)

\* Note: Engineering majors offered at Washington state universities are designated as follows: Aeronautical (AE), Civil (CE), Industrial (IE), Manufacturing (ManE), Industrial Technology (IT), Materials Science (MSE), Mechanical (ME), Mechanical Engineering Technology (MET), Plastics and Composites (PCE)

## What does your chosen four-year school require?

Before choosing classes, become familiar with the four-year program where you want to apply: visit the website, email the department, and/or speak with a Shoreline advisor. Below are examples from Washington schools with different admissions and graduation requirements. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.)

### Seattle Pacific University

**Degree:** B.S. in Engineering with Mechanical Engineering Concentration

**Requirement:** <http://www.spu.edu/depts/ee/>

### Seattle University

**Degrees:** B.S. in Civil Engineering or Civil Engineering with Environmental Specialty; B.S. in Mechanical Engineering

**Requirement:** <http://tinyurl.com/mswllle>

### University of Washington - Seattle, Bothell

**Degree:** B.S. in Aeronautical, Civil, Industrial, Materials Science and Mechanical Engineering

**Requirements:** (UW-Seattle)

<https://www.engr.washington.edu/admission/department/prereq-s-by-major>

(UW-Bothell)

<https://www.uwb.edu/mechanical/admissions/prerequisites>

### Washington State University

**Degrees:** Pullman Campus - B.S. in Civil, Materials Science and Mechanical Eng.; Tri-Cities Campus - B.S.in CE and ME; Vancouver Campus - B.S. in ME; Olympic College and Everett Community College Campuses - B.S. in ME

**Requirement:** <http://tinyurl.com/n3etplc>

### Western Washington University

**Degree:** B.S. in Electrical Engineering (EE), Manufacturing Engineering (ME), Plastics and Composites Engineering (PCE).

**Requirement:** <https://cse.wvu.edu/engineering-design/majors>

# Professional-Technical Degrees and Certificates

## Automotive

### Automotive Service Technician (AST), AAAS Degree Planning Guide

The Automotive Service Technician Associate in Applied Arts and Sciences Degree program is designed to prepare students for careers in the automotive service industry.

The AST-Degree builds on the GST I-BEST Certificate of Proficiency program by providing further instruction: Students will develop in-depth repair and diagnostic skills and earn certifications with our industry partners: Subaru University; Nissan Technical Training Academy; and NC3 (National Coalition of Certification Centers).

Students who apply and are accepted to Shoreline's Tesla training program may apply that course to completion of the AST-Degree.

Students will have an opportunity to earn an Associate in Applied Arts and Sciences Degree by completing four core general education courses.

### AAAS Degree (101-122 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Program Prerequisites:

CASAS test score of 220; ESL level 5 or higher; instructor interview; permission to register; valid driver's license; proof of insurability, i.e. Dept. of Licensing driving record; most employers require drug testing. Work with your advisor to determine English and Math placement.

### General Education Requirements - 15-20 Credits

#### Communication Skills (5 Credits)

Choose either ENGL& 101 or BTWRT 215.

#### Human Relations (2-5 Credits)

- BUS 104 Human Relations in Business **Units: 5**  
or
- BUS 105 Essentials of Human Relations **Units: 2**

#### Multicultural Understanding (3-5 Credits)

Choose either BUS 103, CMST 203, or AES 101.

#### Quantitative/Symbolic Reasoning (5 credits)

- BUS 102 Business Mathematics **Units: 5**  
or
- MATH 99 Intermediate Algebra **Units: 5**

### GST Core Courses - 86 Credits

- AUTOA 121 General Service Technician I **Units: 18**
- AUTOA 122 General Service Technician II **Units: 18**
- AUTOA 123 Automotive Service Technician 1 **Units: 17**
- AUTOA 124 Automotive Service Technician 2 **Units: 17**
- AUTOA 191 Automotive Service Technician Internship 1 **Units: 8**
  
- AUTOA 192 Automotive Service Technician Internship 2 **Units: 8**  
or
- AUTOA 141 Tesla START I **Units: 1-10**  
and
- AUTOA 142 Tesla START II **Units: 14**

### Program Advisor:

**Amber Avery** 206-546-4793 aavery@shoreline.edu Rm 2168

### Program Information:

**Length of Program:** 101-122 Credits

**Completion Award:** Associate in Applied Arts and Sciences (AAAS)  
**Approximate Quarterly Costs:** \$1700.00 (includes tuition, lab fee, parking and instructional fees)

**Website:** <http://www.shoreline.edu/programs/automotive/>

Plan code: AUMASAPT

# General Motors Automotive Service Educational Program (ASEP), AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills leading to an entry-level position as a General Motors Technician. Students interested in advancement are encouraged to pursue a four-year baccalaureate degree using the Associate in Science - Track 2, AS-T2 Planning Guide degree planning guide.

## AAAS Degree (125-130 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

## Program Prerequisites:

- A high school diploma or GED
- Instructor permission
- Automotive Skills Test
- Valid driver's license
- Proof of insurability
- All dealers require drug testing
- Instructor interview

## General Education Core Requirements (15-20 Credits)

### Communication Skills (5 Credits)

Choose either ENGL& 101 or BTWRT 215.

### Human Relations (2-5 Credits)

Choose one of the following courses: BUS 104, BUS 105, CMST& 101.

### Multicultural Understanding (3-5 Credits)

Choose either BUS 103 or AES 101.

### Quantitative/Symbolic Reasoning (5 credits)

- BUS 102 Business Mathematics **Units: 5**

## Automotive Core Requirements (110 Credits)

- AUTOG 170 Fundamentals of GM Auto Service Training **Units: 8**
- AUTOG 171 General Motors Engine Repair **Units: 8**
- AUTOG 172 GM Brake Systems **Units: 8**
- AUTOG 173 GM Steering & Suspension Systems **Units: 8**
- AUTOG 174 GM Manual Gear Trains and Transaxles **Units: 8**
- AUTOG 175 GM Engine Management and Emissions Systems **Units: 8**
- AUTOG 176 GM Electrical Systems **Units: 12**
- AUTOG 177 GM Automatic Transmissions/Transaxles **Units: 8**
- AUTOG 178 GM Heating and Air Conditioning **Units: 6**
- AUTOG 271 Applied Learning GM Engine Mechanical **Units: 6**
- AUTOG 272 Applied Learning GM Brake Systems **Units: 6**
- AUTOG 273 Applied Learning Steering & Suspension Systems **Units: 6**
- AUTOG 275 Applied Learning GM Engine Performance **Units: 6**
- AUTOG 276 Applied Learning GM Electrical Systems **Units: 6**
- AUTOG 278 Applied Learning GM Heating & Air Cond Systems **Units: 6**

## Program Advisor:

**Scott Main** 206-546-4784 smain@shoreline.edu Rm 2153

## Program Information:

**Length of Program:** 125-130 Credits, 4-6 Quarters

**Completion Award:** AAAS

**Enrollment:** Fall

**Approximate Quarterly Costs:** \$500.00

(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/automotive/>

Plan code: AUMGMAPT

# Honda Professional Automotive Career Training (PACT), AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills leading to an entry-level position as a Honda Technician. Students interested in advancement are encouraged to pursue a four-year baccalaureate degree using the Engineering-General Pre-Major, AS-T2 Planning Guide.

## AAAS Degree (125-130 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

## Program Prerequisites:

- A high school diploma or GED
- Instructor permission
- Automotive Skills Test
- Valid Washington State driver's license
- Proof of insurability
- Some dealers require drug testing
- Instructor interview

## General Education Core Requirements (15-20 Credits)

### Communication Skills (5 Credits)

Choose either ENGL& 101 or BTWRT 215.

### Human Relations (2-5 Credits)

Choose one of the following courses: BUS 104, BUS 105, CMST& 101.

### Multicultural Understanding (3-5 Credits)

Choose either BUS 103 or AES 101.

### Quantitative/Symbolic Reasoning (5 credits)

- BUS 102 Business Mathematics **Units: 5**

## Automotive Core Requirements (110 Credits)

- AUTOH 170 Fundamentals of Honda Auto Service Training **Units: 8**
- AUTOH 171 Honda Engine Repair **Units: 8**
- AUTOH 172 Honda Brake Systems **Units: 8**
- AUTOH 173 Honda Steering and Suspension Systems **Units: 8**
- AUTOH 174 Honda Manual Gear Trains and Transaxles **Units: 8**
- AUTOH 175 Honda Engine Management and Emissions Systems **Units: 8**
- AUTOH 176 Honda Electrical Systems **Units: 12**
- AUTOH 177 Honda Automatic Transmissions/Transaxles **Units: 8**
- AUTOH 178 Honda Heating and Air Conditioning **Units: 6**
- AUTOH 271 Applied Learning Engine Mechanical **Units: 6**
- AUTOH 272 Applied Learning Brake Systems **Units: 6**
- AUTOH 273 Applied Learning Steering & Suspension Systems **Units: 6**
- AUTOH 275 Applied Learning Engine Performance **Units: 6**
- AUTOH 276 Applied Learning Electrical Systems **Units: 6**
- AUTOH 278 Applied Learning Heating & Air Cond Systems **Units: 6**

## Program Advisor:

Rashawn Smith 206-546-6970 rsmith@shoreline.edu Rm 2151

## Program Information:

**Length of Program:** 125-130 Credits, 4 Quarters

**Completion Award:** AAAS

**Enrollment:** Fall

**Approximate Quarterly Costs:** \$500.00

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/automotive/>

Plan code: AUMHPAPT

# Mopar College Automotive Program, (MoparCAP), AAAS Planning Guide

The Associate in Applied Arts and Sciences (AAAS) degree is designed to provide students with the knowledge and skills leading to an entry-level position as a MoparCAP (Fiat Chrysler Automobiles) Technician.

## AAAS Degree (129-134 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

### Program Prerequisites:

- Instructor Interview and Permission
- Automotive Skills Test
- Valid Driver's License
- Proof of Insurability
- All dealers require drug testing
- Employment at an FCA dealership by no later than first month of program
- Students who have not yet earned a high school diploma or GED may start the program and must complete the diploma or GED prior to receiving the MOPAR-CAP AAAS degree

## General Education Core Requirements - 15-20 Credits

### Communication Skills (5 Credits)

Choose either ENGL& 101 or BTWRT 215.

### Human Relations (2-5 Credits)

Choose one of the following: BUS 104, BUS 105, BUS 250, or CMST& 101.

### Multicultural Understanding (3-5 Credits)

Choose one of the following: BUS 103, CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, AES 101, or PSYC 230.

### Quantitative/Symbolic Reasoning (5 credits)

- BUS 102 Business Mathematics **Units: 5**

## Automotive Core Requirements - 114 Credits

- AUTOC 170 Fundamentals of FCA Auto Service Training **Units: 3**
- AUTOC 171 M-CAP Engine Repair **Units: 8**
- AUTOC 172 M-CAP Brake Systems **Units: 8**
- AUTOC 173 M-CAP Steering & Suspension Systems **Units: 8**
- AUTOC 174 M-CAP Gear Trains and Transaxles **Units: 8**
- AUTOC 175 M-CAP Engine Management and Emissions Systems **Units: 8**
- AUTOC 176 M-CAP Electrical Systems **Units: 9**
- AUTOC 177 M-CAP Automatic Transmissions/Transaxles **Units: 8**
- AUTOC 178 M-CAP Heating and Air Conditioning **Units: 6**
- AUTOC 271 Applied Learning Engine Mechanical **Units: 6**
- AUTOC 272 Applied Learning Brake Systems **Units: 6**
- AUTOC 273 Applied Learning Steering & Suspension Systems **Units: 6**
- AUTOC 274 Applied Learning Manual Transmissions/Transaxles **Units: 6**
- AUTOC 275 Applied Learning Engine Performance **Units: 6**
- AUTOC 276 Applied Learning Electrical Systems **Units: 6**
- AUTOC 277 Applied Learning Auto Transmissions **Units: 6**
- AUTOC 278 Applied Learning Heating and Air Conditioning **Units: 6**

### Program Advisor:

**Rob Allred** 206-564-5844 rallred@shoreline.edu Rm 2157

### Program Information:

**Length of Program:** 129-134 Credits, 5 quarters

**Completion Award:** AAAS

**Enrollment:** Fall

**Approximate Quarterly Costs:**

*Uniform Fee \$50*

*Tools and Equipment (estimate, all quarters) \$4000*

*Additional Instructional Fees \$25-\$85*

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/automotive/>

Plan code: AUMMCAPT

# Toyota Technician Training and Education Network (T-TEN), AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills leading to an entry-level position as a Toyota Technician.

## AAAS Degree (139 - 144 credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better in each individual course in the program required.**

### Program Prerequisites:

- A high school diploma or GED
- Instructor interview
- Valid driver's license
- DMV Report/driving record
- Dealers require drug testing
- Dealership permission
- Instructor permission

## General Education Core Requirements (15-20 Credits)

### Communication Skills (5 Credits)

Choose either ENGL& 101 or BTWRT 215.

### Human Relations (2-5 Credits)

Choose from the following courses: BUS 105, BUS 250, CMST& 101.

### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: HUM 105, BUS 103, CMST 203, CMST 285, HIST 245, AES 101, GWS 284.

### Quantitative/Symbolic Reasoning (5 credits)

- BUS 102 Business Mathematics **Units: 5**

## Automotive Core Requirements (124 Credits)

- AUTOT 180 Fundamentals of Auto Service Training **Units: 6**
- AUTOT 181 Engine Repair **Units: 7**
- AUTOT 183 Brakes and Suspension **Units: 16**
- AUTOT 184 Manual Gear Trains and Transaxles **Units: 6**
- AUTOT 185 Engine Control Systems **Units: 12**
- AUTOT 186 Electrical Systems **Units: 16**
- AUTOT 187 Automatic Transmissions/Transaxles **Units: 9**
- AUTOT 188 Heating and Air Conditioning **Units: 6**
- AUTOT 189 Engine Emission Management Systems **Units: 6**
- AUTOT 281 T-TEN Cooperative Internship 1 **Units: 1-10**
- AUTOT 282 T-TEN Cooperative Internship 2 **Units: 1-10**
- AUTOT 283 T-TEN Cooperative Internship 3 **Units: 1-10**
- AUTOT 284 T-TEN Cooperative Internship 4 **Units: 1-10**

### Program Advisor:

**Jeff Cromwell** 206-533-6648 jcromwell@shoreline.edu Rm 2155

**Raphael Smither** 206-533-6793 rsmither@shoreline.edu Rm 2156

### Program Information:

**Length of Program:** 139-144 Credits, 8 Quarters

**Completion Award:** AAAS

**Enrollment:** Fall of odd years and Summer of even years

**Approximate Quarterly Costs:**

*Additional Instructional Fees \$150-\$350 per quarter (in addition to tuition, books ~\$250 and parking ~\$50)*

**Website:** <http://shoreline.edu/programs/automotive/>

Plan code: AUMTOAPT

# Automotive - Brakes

## Specialist Certificate of Completion Planning Guide

The Certificate of Completion as a Brakes Specialist is designed to prepare students for careers in the automotive service industry. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students must be accepted into the General Motors Automotive Service Educational Program (ASEP), Honda Professional Automotive Career Training (PACT), Fiat Chrysler Automobiles (FCA) Mopar College Automotive Program (MoparCAP), or Toyota Technician Training and Education Network (T-TEN) AAAS program.

## Certificate of Completion (31-32 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 required for each individual course.**

### Program Prerequisites:

- Placement into ENGL& 101
- Sponsorship by a Participating Approved Repair Facility
- Automotive Skills Test
- Valid Driver's License
- Proof of Insurability
- Some Dealers Require Drug Testing
- Instructor Interview

## Core Requirements (31-32 Credits)

Course requirements are specific to the industry-specific program. Courses coded with C=Mopar CAP, G=GM ASEP, H=Honda PACT, T=Toyota T-TEN.

### Requirements for Mopar CAP, GM ASEP, Honda PACT (31 Credits)

- AUTOC 170 Fundamentals of FCA Auto Service Training **Units: 3**  
or
- AUTOG 170 Fundamentals of GM Auto Service Training **Units: 8**  
or
- AUTOH 170 Fundamentals of Honda Auto Service Training **Units: 8**
- AUTOC 172 M-CAP Brake Systems **Units: 8**  
or
- AUTOG 172 GM Brake Systems **Units: 8**  
or
- AUTOH 172 Honda Brake Systems **Units: 8**
- AUTOC 272 Applied Learning Brake Systems **Units: 6**  
or
- AUTOG 272 Applied Learning GM Brake Systems **Units: 6**  
or
- AUTOH 272 Applied Learning Brake Systems **Units: 6**
- AUTOC 273 Applied Learning Steering & Suspension Systems **Units: 6**  
or
- AUTOG 273 Applied Learning Steering & Suspension Systems **Units: 6**  
or
- AUTOH 273 Applied Learning Steering & Suspension Systems **Units: 6**

### Requirements for Toyota T-TEN (32 Credits)

- AUTOT 180 Fundamentals of Auto Service Training **Units: 6**
- AUTOT 183 Brakes and Suspension **Units: 16**
- AUTOT 283 T-TEN Cooperative Internship 3 **Units: 1-10**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisors:

GM ASEP

**Scott Main** 206-546-4784 smain@shoreline.edu Rm 2153

Honda PACT

**Rashawn Smith** 206-546-6970 rsmith@shoreline.edu Rm 2151

Mopar CAP

**Rob Allred** 206-546-5844 rallred@shoreline.edu Rm 2157

Toyota T-TEN

**Jeff Cromwell** 206-533-6648 jcromwell@shoreline.edu Rm 2156

**Nolan Worrell** 206-533-6793 nworrell@shoreline.edu Rm 2155

## Program Information:

**Length of Program:** 31-32 Credits

**Completion Award:** Certificate of Completion

**Approximate Quarterly Costs:** Lab Fee: \$125.90

(in addition to tuition, books and parking)

**Website:** <http://www.shoreline.edu/programs/automotive/>

Plan code: AUMBPC20



# Automotive - Drive Train Specialist Certificate of Completion Planning Guide

The Certificate of Completion as a Drive Train Specialist is designed to prepare students for careers in the automotive service industry. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students must be accepted into the General Motors Automotive Service Educational Program (ASEP), Honda Professional Automotive Career Training (PACT), Fiat Chrysler Automobiles (FCA) Mopar College Automotive Program (MoparCAP), or Toyota Technician Training and Education Network (T-TEN) AAAS program.

## Certificate of Completion (16-28 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 required for each individual course.**

### Program Prerequisites:

- Placement into ENGL& 101 or acceptance to MoparCAP I-BEST program
- Sponsorship by a participating approved repair facility
- Automotive skills test
- Valid driver's license
- Proof of insurability
- Some dealers require drug testing
- Instructor interview

## Core Requirements (16-28 Credits)

Course requirements are specific to the industry-specific program. Courses coded with C=MoparCAP, G=GM ASEP, H=Honda PACT, T=Toyota T-TEN.

## Requirements for GM ASEP and Honda PACT (16 Credits)

- AUTOG 174 GM Manual Gear Trains and Transaxles **Units: 8**  
or
- AUTOH 174 Honda Manual Gear Trains and Transaxles **Units: 8**
  
- AUTOG 177 GM Automatic Transmissions/Transaxles **Units: 8**  
or
- AUTOH 177 Honda Automatic Transmissions/Transaxles **Units: 8**

## Requirements for MoparCAP (28 Credits)

- AUTOC 174 M-CAP Gear Trains and Transaxles **Units: 8**
- AUTOC 177 M-CAP Automatic Transmissions/Transaxles **Units: 8**
- AUTOC 274 Applied Learning Manual Transmissions/Transaxles **Units: 6**
- AUTOC 277 Applied Learning Auto Transmissions **Units: 6**

## Requirements for Toyota T-TEN (25 Credits)

- AUTOT 184 Manual Gear Trains and Transaxles **Units: 6**
- AUTOT 187 Automatic Transmissions/Transaxles **Units: 9**
- AUTOT 284 T-TEN Cooperative Internship 4 **Units: 1-10**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at jaydelotte@shoreline.edu or 206-546-4719.*

## Program Advisor:

GM ASEP  
**Scott Main** 206-546-4784 smain@shoreline.edu Rm 2153

Honda PACT  
**Rashawn Smith** 206-546-6970 rsmith@shoreline.edu Rm 2151

Mopar CAP  
**Rob Allred** 206-546-5844 rallred@shoreline.edu Rm 2157

Toyota T-TEN  
**Jeff Cromwell** 206-533-6648 jcromwell@shoreline.edu Rm 2156  
**Nollan Worrell** 206-533-6796 nworrell@shoreline.edu Rm 2155

## Program Information:

**Length of Program:** 16-28 Credits

**Completion Award:** Certificate of Completion

**Approximate Quarterly Costs:**

Lab Fee: \$125.90

Tools and equipment: approximately \$4000 (Dealership experience only)

*(in addition to tuition, books and parking)*

**Website:** <http://www.shoreline.edu/programs/automotive/>

Plan code: AUMDTC20

# Automotive - Electrical Specialist Certificate of Completion Planning Guide

The Certificate of Completion as an Electrical Specialist is designed to prepare students for careers in the automotive service industry. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students must be accepted into the General Motors Automotive Service Educational Program (ASEP), Honda Professional Automotive Career Training (PACT), Fiat Chrysler Automobiles (FCA) Mopar College Automotive Program (MoparCAP), or Toyota Technician Training and Education Network (T-TEN) AAAS program.

## Certificate of Completion (27-32 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 required for each individual course.**

### Program Prerequisites:

Acceptance into an automotive industry-specific AAAS degree program is required, and based on:

- Placement into ENGL& 101 or acceptance to MoparCAP I-BEST program
- Sponsorship by a participating approved repair facility
- Automotive skills test
- Valid driver's license
- Proof of insurability
- Some dealers require drug testing
- Instructor interview

## Core Requirements (27-32 Credits)

Course requirements are specific to the industry-specific program. Courses coded with C=Mopar CAP, G=GM ASEP, H=Honda PACT, T=Toyota T-TEN.

### Requirements for Mopar CAP, GM ASEP, Honda PACT (27 Credits)

- AUTOC 176 M-CAP Electrical Systems **Units: 9**  
or
- AUTOG 176 GM Electrical Systems **Units: 12**  
or
- AUTOH 176 Honda Electrical Systems **Units: 12**
  
- AUTOC 178 M-CAP Heating and Air Conditioning **Units: 6**  
or
- AUTOG 178 GM Heating and Air Conditioning **Units: 6**  
or
- AUTOH 178 Honda Heating and Air Conditioning **Units: 6**
  
- AUTOC 276 Applied Learning Electrical Systems **Units: 6**  
or
- AUTOG 276 Applied Learning GM Electrical Systems **Units: 6**  
or
- AUTOH 276 Applied Learning Electrical Systems **Units: 6**
  
- AUTOC 278 Applied Learning Heating and Air Conditioning **Units: 6**  
or
- AUTOG 278 Applied Learning GM Heating & Air Cond Systems **Units: 6**  
or
- AUTOH 278 Applied Learning Heating & Air Cond Systems **Units: 6**

### Requirements for Toyota T-TEN (32 Credits)

- AUTOT 186 Electrical Systems **Units: 16**
- AUTOT 188 Heating and Air Conditioning **Units: 6**
- AUTOT 281 T-TEN Cooperative Internship 1 **Units: 1-10**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

GM ASEP

**Scott Main** 206-546-4784 smain@shoreline.edu Rm 2153

Honda PACT

**Rashawn Smith** 206-546-6970 rsmith@shoreline.edu Rm 2151

Mopar CAP

**Rob Allred** 206-546-5844 rallred@shoreline.edu Rm 2157

Toyota T-TEN

**Jeff Cromwell** 206-533-6648 jcromwell@shoreline.edu Rm 2156

**Nollan Worrell** 206-533-6793 nworrell@shoreline.edu Rm 2155

## Program Information:

**Length of Program:** 27-32 Credits

**Completion Award:** Certificate of Completion

**Approximate Quarterly Costs:** Lab Fee: \$125.90

(in addition to tuition, books and parking)

**Website:** <http://www.shoreline.edu/programs/automotive/>

Plan code: AUMELC20

# Automotive - Engine Specialist Certificate of Completion Planning Guide

The Certificate of Completion as an Engine Specialist is designed to prepare students for careers in the automotive service industry. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students must be accepted into the General Motors Automotive Service Educational Program (ASEP), Honda Professional Automotive Career Training (PACT), Fiat Chrysler Automobiles (FCA) Mopar College Automotive Program (MoparCAP), or Toyota Technician Training and Education Network (T-TEN) AAAS program.

## Certificate of Completion (28-35 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 required for each individual course.**

### Program Prerequisites:

Acceptance into an automotive industry-specific AAAS degree program is required, and based on:

- Placement into ENGL& 101 or acceptance to MoparCAP I-BEST program
- Sponsorship by a participating repair facility
- Automotive skills test
- Valid driver's license
- Proof of insurability
- Some dealers require drug testing
- Instructor interview

## Core Requirements (28-35 Credits)

Course requirements are specific to the industry-specific program. Courses coded with C=MoparCAP, G=GM ASEP, H=Honda PACT, T=Toyota T-TEN.

## Requirements for Mopar CAP, GM ASEP, Honda PACT (28 Credits)

- AUTOC 171 M-CAP Engine Repair **Units: 8**  
or
- AUTOG 171 General Motors Engine Repair **Units: 8**  
or
- AUTOH 171 Honda Engine Repair **Units: 8**
  
- AUTOC 175 M-CAP Engine Management and Emissions Systems **Units: 8**  
or
- AUTOG 175 GM Engine Management and Emissions Systems **Units: 8**  
or
- AUTOH 175 Honda Engine Management and Emissions Systems **Units: 8**
  
- AUTOC 271 Applied Learning Engine Mechanical **Units: 6**  
or
- AUTOG 271 Applied Learning GM Engine Mechanical **Units: 6**  
or
- AUTOH 271 Applied Learning Engine Mechanical **Units: 6**
  
- AUTOC 275 Applied Learning Engine Performance **Units: 6**  
or
- AUTOG 275 Applied Learning GM Engine Performance **Units: 6**  
or
- AUTOH 275 Applied Learning Engine Performance **Units: 6**

## Requirements for Toyota T-TEN (35 Credits)

- AUTOT 181 Engine Repair **Units: 7**
- AUTOT 185 Engine Control Systems **Units: 12**
- AUTOT 189 Engine Emission Management Systems **Units: 6**
- AUTOT 282 T-TEN Cooperative Internship 2 **Units: 1-10**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at jaydelotte@shoreline.edu or 206-546-4719.*

## Program Advisor:

GM ASEP  
**Scott Main** 206-546-4784 smain@shoreline.edu Rm 2153

Honda PACT

**Rashawn Smith** 206-546-6970 rsmith@shoreline.edu Rm 2151

Mopar CAP

**Rob Allred** 206-546-5844 rallred@shoreline.edu Rm 2157

Toyota T-TEN

**Jeff Cromwell** 206-533-6648 jcromwell@shoreline.edu Rm 2156

**Nollan Worrell** 206-533-6793 nworrell@shoreline.edu Rm 2155

## Program Information:

**Length of Program:** 28-35 Credits

**Completion Award:** Certificate of Completion

**Approximate Quarterly Costs:** Lab Fee: \$125.90

*(in addition to tuition, books and parking)*

**Website:** <http://www.shoreline.edu/programs/automotive/>

Plan code: AUMENC20

# Automotive General Service (GST) Technician - IBEST Certificate of Proficiency Planning Guide

The Certificate of Proficiency is designed to prepare students for careers in the automotive service industry. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the entry level knowledge and skills currently in demand by employers in the field. Classes are taught using the groundbreaking I-BEST approach to teaching, providing basic math and communication skills that employers want. Students are encouraged to continue beyond this certificate of proficiency to earn an Automotive Service Technician A.A.A.S. degree by completing an additional 56-61 credits (see degree planning guide). Students may also apply to one of Shoreline's manufacturer-specific training programs, or consider the Engineering AS-T2 transfer degree.

## Certificate of Proficiency (45 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

GPA of 2.0 or better for entire program required.

## Program Prerequisites:

CASAS test score of 220; ESL Level 5 or higher; Instructor interview; permission to register; valid driver's license; proof of insurability, i.e., Dept. of Licensing driving record; some employers require drug testing.

## 3 Quarter Program Requirements

First Quarter:

- AUTOA 121 General Service Technician I **Units: 18**

Second Quarter:

- AUTOA 122 General Service Technician II **Units: 18**

Third Quarter:

- AUTOA 190 General Service Technician Internship **Units: 9**

## Program Advisor:

Amber Avery 206-546-4793 [aavery@shoreline.edu](mailto:aavery@shoreline.edu) Rm 2168

## Program Information:

**Length of Program:** 45 Credits - 3 quarters

**Completion Award:** Certificate of Proficiency

**Approximate Quarterly Costs:** \$63

*(in addition to tuition, books and parking)*

**Website:** <http://www.shoreline.edu/programs/automotive/>

Plan code: AUMAIC45

# Electric Vehicle Technician (Tesla) Certificate of Completion Planning Guide

Shoreline Community College offers an optional Electric Vehicle Technician (Tesla) Certificate of completion. This certificate can be a stand-alone program for qualified candidates or one-quarter course of study for students in the GST/AST automotive program. This course leads to a certificate of completion in Electric Vehicle Technician service for Tesla Inc.

## Certificate of Completion (24 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

- CASAS test score of 220
- ESL level 5 or higher
- Permission to register
- Valid U.S. driver's license
- Proof of insurability (i.e. Dept. of Licensing driving record)
- Tesla internship interview process
- Tesla new hire background check

Work with your advisor to determine English and Math placement.

## Core Requirements - 24 Credits

- AUTOA 141 Tesla START I Units: 1-10
- AUTOA 142 Tesla START II Units: 14

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Where can I go for help?

### Program Advisor:

**John Hennig** 360-618-1420 [jhennig@shoreline.edu](mailto:jhennig@shoreline.edu) Rm 2914

### Program Navigator:

**Amber Avery** 206-546-4793 [aavery@shoreline.edu](mailto:aavery@shoreline.edu) Rm 2154

## Program Information:

**Length of Program:** 24 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$2670

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/automotive/>

Plan code: AUMTEC01



# Biotechnology

## Biotechnology Lab Specialist, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills leading to an entry-level laboratory position involved in the production of genetically engineered drugs, gene therapy, microbiology, virology, forensic science, agriculture and environmental science. Students interested in advancement are encouraged to pursue a four-year baccalaureate degree using the Biological Sciences Pre-Major, AS-T1 Planning Guide.

### AAAS Degree (92.5-93.5 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Program Prerequisites:

Placement into ENGL 099 or EAP 099 and placement into MATH 46 + MATH& 146.

### Application Required:

An application is required to enter the four-quarter Core Biotech Sequence of Courses: BIOL 249, BIOL 265, BIOL 266, BIOL 270, BIOL 274, BIOL 275, BIOL 277, BIOL 279, BIOL 280. Please see an advisor for an application form or visit: <http://www.shoreline.edu/biotechnology/application.aspx>

## What do I need to take?

### General Education Core Requirements - 17 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

- BUS 108 Tech & Web Essentials **Units: 5**

#### Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Units: 2**

#### Multicultural Understanding (5 Credits)

Choose either AES 101 or CMST 203.

## Biotechnology Core Requirements (75.5-76.5 Credits)

- BIOL& 211 Majors Cellular: Biology **Units: 5**
- BIOL 249 Tissue Culture and Staining **Units: 4**
- BIOL& 260 Microbiology **Units: 5**
- BIOL 265 Solution and Media Preparation **Units: 2**
- BIOL 266 Media and Solution Preparation II **Units: 2**
- BIOL 270 Molecular Biology **Units: 3**
- BIOL 274 Molecular Biology Lab **Units: 3**
- BIOL 275 Recombinant DNA Techniques Lecture **Units: 6**
- BIOL 277 Immunology **Units: 6**
  - OR - BIOL 276 Immunology Lecture *and* BIOL 281 Immunology Lab
- BIOL 279 Biotechnology Techniques **Units: 3**
- BIOL 280 Seminar in Biotechnology **Units: 1**
- BIOL 290 Internship **Units: 1**
- CHEM& 121 Intro to Chemistry **Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Units: 5**
- CHEM 171 General-Inorganic Chemistry I **Units: 4**
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Units: 2.5**
- CHEM 172 General-Inorganic Chemistry II **Units: 4**
- CHEM 182 General-Inorganic Chemistry II (Lecture-Lab) **Units: 2.5**
- CHEM 173 General-Inorganic Chemistry III **Units: 4**
- CHEM 183 General-Inorganic Chemistry III (Lecture-Lab) **Units: 2.5**
- MATH& 146 Introduction to Stats **Units: 5**

## Where can I go for help?

### Program Advisor:

**Rachel Rawle** 346-298-2339 [rrawle@shoreline.edu](mailto:rrawle@shoreline.edu) Rm 2809

### First Year Advisor

**Joyce Fagel** 206-546-4559 [jfagel@shoreline.edu](mailto:jfagel@shoreline.edu) Rm 5241

# Program Information:

**Length of Program:** 92.5-93.5 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Fall

**Approximate Quarterly Costs:** \$660/yr for lab fees  
*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/biotechnology/>

Plan code: BLTBLAPT

# Accelerated Lab Technician Training Certificate of Proficiency Planning Guide

This program is designed to give students an entry pathway into a potential laboratory technician career and will lay the foundation for in-demand specialized technical jobs in specimen processing, clinical labs, and research labs. The certificate is designed to integrate with other educational pathways such as the Biotechnology Lab Specialist AAAS.

## Certificate of Proficiency (60-61 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

A GPA 2.0 of for all courses in the program is required.

## Program Core Requirements (56 Credits)

- BIOL 111 Principles of Biomanufacturing - Part 1 **Units: 3**
  - BIOL 112 Principles of Biomanufacturing - Part 2 **Units: 3**
  - BIOL 113 Principles of Biomanufacturing - Part 3 **Units: 3**
  - BIOL 249 Tissue Culture and Staining **Units: 4**
  - BIOL 265 Solution and Media Preparation **Units: 2**
  - BIOL 266 Media and Solution Preparation II **Units: 2**
  - BIOL 272 Rec DNA Tech Lab **Units: 3**
  - BIOL 274 Molecular Biology Lab **Units: 3**
  - BIOL& 211 Majors Cellular: Biology **Units: 5**
  - BIOL& 260 Microbiology **Units: 5**
  - BTWRT 215 Business Communications **Units: 5**
  - BUS 108 Tech & Web Essentials **Units: 5**
  - CHEM& 121 Intro to Chemistry **Units: 5**
  - COL 101 College and Career Success **Units: 3**
- 
- MATH 211 Elements of Statistical Method **Units: 5**  
- or -
  - MATH& 146 Introduction to Stats **Units: 5**

## Electives (4-5 Credits)

Select two of the following courses:

- BIOL 279 Biotechnology Techniques **Units: 3**
- BIOL 285 Basics of Bioinformatics **Units: 2**
- BIOL 286 Molecular Lab Techniques in Medical Diagnostics **Units: 2**
- BIOL 288 Basic Principles of Flow Cytometry **Units: 2**

## Where can I go for help?

### Program Advisor:

Rachel Rawle [biomanufacturing@shoreline.edu](mailto:biomanufacturing@shoreline.edu)

### Program Information:

**Length of program:** 60-61 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Fall

**Approximate Quarterly Cost:** \$60-\$180 per quarter for lab fees  
(in addition to tuition, books, and parking)

**Website:**

<https://www.shoreline.edu/programs/biotechnology/default.aspx>

Plan Code: BLTLTC45

# Biotechnology Lab Specialist Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Biotechnology Lab Specialist Certificate of Completion (CC) to prepare students for an entry-level position in laboratories involved in the production of genetically engineered drugs, gene therapy, microbiology, virology, forensic science, agriculture and environmental science. This program is designed for postbaccalaureate students. Students pursuing a four-year baccalaureate degree should follow the Biological Sciences Pre-Major (AS-T1) planning guide.

## Biotechnology Lab Specialist - What is it?

The Biotechnology Laboratory Specialist Program prepares students for work in laboratories involved in any aspect of biotechnical processes. The curriculum provides a foundation in a variety of math and science disciplines including algebra, statistics, chemistry, biology, microbiology and computer science. Students gain a working knowledge of molecular biology, recombinant DNA, immunology, protein purification, bioinformatics and tissue culture, both through classroom lectures and extensive hands-on laboratory learning experiences.

## Certificate of Completion (37-38 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Meet with an advisor to identify courses from the Program Prerequisite list below that must be taken before starting the Core Biotech Sequence of classes. Students entering the program must have received at least a 2.0 in each of these classes (or an equivalent course) within the last 5 years. Professional experience will also be considered.

- ENGL& 101 or BTWRT 215
- BUS 108
- BIOL& 211
- BIOL& 260
- CHEM& 121
- CHEM& 131
- MATH& 146

## Application Required:

An application is required to enter the four-quarter Core Biotech Sequence of classes: BIOL 265/BIOL 266, BIOL 270/BIOL 274, BIOL 275 (OR BIOL 272 and BIOL 273), BIOL 277 (OR BIOL 276 and BIOL 281), BIOL 279, BIOL 249, BIOL 280, and BIOL 290.

Please see an advisor for an application form or visit:  
<http://www.shoreline.edu/biotechnology/application.aspx>.

## Completion Requirements: Core Biotech Sequence (31-32 credits)

These courses are required for program completion.

- BIOL 249 Tissue Culture and Staining **Units: 4**
- BIOL 265 Solution and Media Preparation **Units: 2**
- BIOL 266 Media and Solution Preparation II **Units: 2**
- BIOL 270 Molecular Biology **Units: 3**
- BIOL 274 Molecular Biology Lab **Units: 3**
  
- BIOL 275 Recombinant DNA Techniques Lecture **Units: 6**  
-OR- both
- BIOL 273 Recombinant DNA Techniques Lecture **Units: 3**  
AND
- BIOL 272 Rec DNA Tech Lab **Units: 3**
  
- BIOL 277 Immunology **Units: 6**  
-OR- both
- BIOL 276 Immunology Lecture **Units: 3**  
AND
- BIOL 281 Immunology Lab **Units: 3**
  
- BIOL 279 Biotechnology Techniques **Units: 3**
- BIOL 280 Seminar in Biotechnology **Units: 1**
- BIOL 290 Internship **Units: 1**

## Completion Requirements: Program Electives (6 credits)

6 elective credits are required for program completion. Choose any combination of the program electives to earn 6 total elective credits.

- BIOL 245 Introduction to Aseptic Technique **Units: 2**
- BIOL 246 Cleanroom Dynamics and Intro to Bioreactors **Units: 2**
- BIOL 247 Quality Assurance and Quality Control **Units: 2**
- BIOL 248 Introduction to Regulatory Affairs **Units: 2**
- BIOL 285 Basics of Bioinformatics **Units: 2**
- BIOL 286 Molecular Lab Techniques in Medical Diagnostics **Units: 2**
- BIOL 288 Basic Principles of Flow Cytometry **Units: 2**
- BIOL 293 Molecular Biology Research **Units: 3**

## Additional options for electives:

Participation in the Biomanufacturing Training Program for High School Students (BIOL 111, BIOL 112, BIOL 113) will count as electives for the Biotech Certificate.

Other Shoreline Community College courses may be accepted as alternative electives with prior approval of a Biotechnology Lab Specialist faculty advisor.

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Where can I go for help?

### Program Advisor:

**Rachel Rawle** 346-298-2339 [rrawle@shoreline.edu](mailto:rrawle@shoreline.edu) Rm 2809

### First Year Advisor

**Joyce Fagel** 206-546-4559 [jfagel@shoreline.edu](mailto:jfagel@shoreline.edu) Rm 5241

## Program Information:

**Length of Program:** 37-38 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall

**Approximate Quarterly Costs:** \$660/yr for lab fees  
(in addition to tuition, books and parking)

**Website:**

<https://www.shoreline.edu/programs/biotechnology/biotechnology-lab-specialist-certificate.aspx>

Plan code: BLTBLC20

# Essentials of Biomanufacturing Certificate of Completion Planning Guide

The Essentials of Biomanufacturing Certificate includes a series of four short courses designed to prepare students for early careers in the growing biomanufacturing sector of the life sciences industry. Upon successful completion, students will qualify for hire at regional biotechnology companies.

## Certificate of Completion (8 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program.**

## Core Curriculum (8 Credits)

- BIOL 245 Introduction to Aseptic Technique **Units: 2**
- BIOL 246 Cleanroom Dynamics and Intro to Bioreactors **Units: 2**
- BIOL 247 Quality Assurance and Quality Control **Units: 2**
- BIOL 248 Introduction to Regulatory Affairs **Units: 2**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor

Contact [biomanufacturing@shoreline.edu](mailto:biomanufacturing@shoreline.edu) for information.

## Program Information

**Length of Program:** 8 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

(Full tuition, fees, and books funding is available)

**Website:**

<https://www.shoreline.edu/programs/biotechnology/essentials-of-biomanufacturing-certificate.aspx>

Plan code: BLTBMC01

# Business Administration

## Accounting, AAAS Planning Guide

The Accounting Associate in Applied Arts and Sciences degree is designed to prepare students for careers in the public and private accounting sectors. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Accounting should follow the transfer degree Associate in Business, DTA/MRP Planning Guide.

### A.A.A.S. DEGREE - 90-92 Credits

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 in each Accounting course required.**

### Program Prerequisites:

Keyboarding is assumed knowledge. If you are not proficient in this area, Shoreline Community College provides classes to help students gain the necessary skills.

### What do I need to take?

#### General Education - 18-20 Credits

##### Communication (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

##### Quantitative/Symbolic Reasoning (5 Credits)

Take either BUS 102 or MATH 99,

##### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

##### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: BUS 103, AES 101, CMST 203, CMST 285, GWS 284, HIST 245 PSYC 230.

### Core Requirements - 62 Credits

- ACCT 104 Payroll Accounting **Units: 5**
- ACCT 170 Federal Income Tax Individuals/Small Business **Units: 5**
- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 202 Principles of Accounting II **Units: 5**
- ACCT& 203 Principles of Accounting III **Units: 5**
- ACCT 206 Computer Accounting **Units: 5**
- ACCT 208 Not-for Profit and Governmental Accounting **Units: 5**
- BUS 107 Computer 10-Key **Units: 2**
- BUS 150 Business Spreadsheet Fundamentals **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS& 201 Business Law **Units: 5**
- BTWRT 115 Business English **Units: 5**
- CMST& 101 Introduction to Communication **Units: 5**

### Select One or More to Complete Credit Requirements (8-10 Credits)

#### Work Experience/Industry Certification

- QuickBooks Certification **Credits: 3**
- AIPB Bookkeeper Certification **Credits: 3**
- IRS Registered Tax Return Preparer **Credits: 3**
- Other (approved by advisor) **Credits: 3**
- or one or more of the following courses: Any 100- or 200-level Business course, or ECON& 201

### Program Advisor:

Dan King 206-546-4702 dking@shoreline.edu Rm 1415

### Program Information:

**Length of Program:** 90-92 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/accounting/>

Plan code: ATBACAPT

# Business Administration, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills in a specific career field to enter the workforce directly upon completion of the degree. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Business Administration should follow the Associate in Business, DTA/MRP Planning Guide.

## AAAS Degree (93-95 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Additional Information

Shoreline Community College has an articulation agreement with The Evergreen State College (TESC). Students who complete the AAAS degree in Business Administration can transfer their credits to TESC to complete a bachelor's degree.

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215 and placement into MATH& 141 (above the co-requisite support level).

## What do I need to take?

### General Education Requirements - 18-20 Credits

#### Communication Skills (5 Credits)

Choose either ENGL& 101 or BTWRT 215.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or any 100- or 200-level math class.

#### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

## Multicultural Understanding (3-5 Credits)

Choose one of the following courses: BUS 103, CMST 203, CMST 285, GWS 284, HIST& 220, HIST 245, HUM 105, AES 101, PSYC 230, SOC 270.

## Core Program Requirements - 75 Credits

\* Course offered online only in quarter(s) specified.

- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5 \***
- BUS 141 Purchasing & Supply Management Fundamentals **Units: 5**
- BUS 160 Systems Thinking **Units: 5 \***
- BUS& 201 Business Law **Units: 5**
- BUS 215 Introduction to International Business **Units: 5 \***
- BUS 217 Sustainability-Focused Leadership **Units: 5 \***
- BUS 240 Introduction to e-Business **Units: 5 \***
- BUS 270 Entrepreneurship- Starting a New Business **Units: 5**
- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 202 Principles of Accounting II **Units: 5**
- ACCT& 203 Principles of Accounting III **Units: 5**
- ECON& 201 Micro Economics **Units: 5**
- ECON& 202 Macro Economics **Units: 5**
  
- BUS 250 Human Resource Management **Units: 5**
- or
- BUS 255 Principles of Management **Units: 5**

## Recommended

- BUS 108 Tech & Web Essentials **Units: 5**

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 93-95 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: BAMBUAPT



# Entrepreneurship, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills in specific career fields to enter the workforce directly upon completion of the degree. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## AAAS Degree (93-95 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215, and placement into MATH& 107 or BUS 102.

## What do I need to take?

### General Education Core Requirements - 18-20 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or MATH& 107.

#### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: BUS 103, HUM 105, CMST 203, CMST 285, HIST 245, AES 101, GWS 284, SOC 270, PSYC 230.

#### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

## Core Requirements - 75 Credits

\* Course is offered once a year during the quarter listed

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 203 Principles of Accounting III **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**
- BUS 135 Retail Marketing **Units: 5** \*
- BUS 180 Project Management I **Units: 5** \*
- BUS& 201 Business Law **Units: 5**
- BUS 215 Introduction to International Business **Units: 5**
- BUS 220 Advertising and Sales Promotion **Units: 5** \*
- BUS 225 Relationship Marketing **Units: 5** \*
- BUS 235 Retail Buying and Management **Units: 5** \*
  
- BUS 240 Introduction to e-Business **Units: 5** \*
- or
- BUS 160 Systems Thinking **Units: 5**
  
- BUS 250 Human Resource Management **Units: 5**
- BUS 270 Entrepreneurship- Starting a New Business **Units: 5**
  
- ECON 100 Survey of Economic Principles **Units: 5**
- or
- ECON& 201 Micro Economics **Units: 5**

## Recommended

- BUS 108 Tech & Web Essentials **Units: 5**

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 93-95 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: ENRENAPT

# Marketing, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills in the marketing field to enter the workforce directly upon completion of the degree. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide transfer degree planning guide.

## AAAS Degree (93 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215, and placement into MATH& 107 or BUS 102.

## What do I need to take?

### General Education Core Requirements - 18-20 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or MATH& 107.

#### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: BUS 103, CMST 203, GWS 284, HIST 245, AES 101. SOC 270, PSYC 230.

#### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

## Core Program Requirements - 75 Credits

\* Course offered once per year, during the quarter listed.

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 203 Principles of Accounting III **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**
- BUS 135 Retail Marketing **Units: 5** \*
- BUS 160 Systems Thinking **Units: 5** \*
- BUS 180 Project Management I **Units: 5**
- BUS& 201 Business Law **Units: 5**
- BUS 220 Advertising and Sales Promotion **Units: 5** \*
- BUS 225 Relationship Marketing **Units: 5** (formerly *Professional Selling*) \*
- BUS 240 Introduction to e-Business **Units: 5** \*
- BUS 247 Social Media Marketing **Units: 5** \*
- BUS 248 Digital Marketing **Units: 5** \*
- BUS 249 Market Research **Units: 5** \*
  
- ECON 100 Survey of Economic Principles **Units: 5**  
or
- ECON& 201 Micro Economics **Units: 5**

## Recommended

- BUS 108 Tech & Web Essentials **Units: 5**

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 93 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: MAMMAAPT

# Accounting Certificate of Proficiency Planning Guide

The Accounting Certificate of Proficiency is designed to prepare students for careers in the public and private accounting sectors. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Accounting should follow the Associate in Business, DTA/MRP Planning Guide.

**Length of Program:** 55 Credits  
**Completion Award:** Certificate of Proficiency  
**Enrollment:** Fall, Winter, Spring  
**Approximate Quarterly Costs:** \$25-\$85  
*(in addition to tuition, books and parking)*  
**Website:** <http://shoreline.edu/programs/accounting>  
Plan code: ATBPAC45

## Certificate of Proficiency (55 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 required in each Accounting course.**

## What do I need to take?

### General Education (15 Credits)

- BTWRT 215 Business Communications **Units: 5**  
or
- ENGL& 101 English Composition I **Units: 5**
  
- BUS 102 Business Mathematics **Units: 5**  
or
- MATH 99 Intermediate Algebra **Units: 5**
  
- BUS 104 Human Relations in Business **Units: 5**

### Core Requirements (40 Credits)

- ACCT 104 Payroll Accounting **Units: 5**
- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 202 Principles of Accounting II **Units: 5**
- ACCT& 203 Principles of Accounting III **Units: 5**
- ACCT 206 Computer Accounting **Units: 5**
- BUS 150 Business Spreadsheet Fundamentals **Units: 5**
- BTWRT 115 Business English **Units: 5**
- Any 100- or 200-level Business course(s) for a total of 5 credits.

## Program Advisor

Dan King 206-546-4702 [dking@shoreline.edu](mailto:dking@shoreline.edu) Rm 1415

## Program Information:

# Accounting Clerk Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Accounting Clerk Certificate of Completion (CC) leading to an entry-level position in the accounting field. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Associate Degrees in Accounting. Students pursuing a four-year baccalaureate degree should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 required in each Accounting course.**

## Program Prerequisites:

Placement into ENGL 99 or equivalent, and placement into MATH 98.

## Program Requirements

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT 206 Computer Accounting **Units: 5**
- BUS 150 Business Spreadsheet Fundamentals **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Dan King** 206-546-4702 [dking@shoreline.edu](mailto:dking@shoreline.edu) Rm 1415

## Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/accounting/>

Plan code: ATBALCO1

# Accounts Receivable Clerk/Accounts Payable Clerk Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion (CC) in Accounts Receivable Clerk/Accounts Payable Clerk leading to an entry-level accounting clerk positions. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Associate Degrees in Accounting. Students pursuing a four-year baccalaureate degree should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (20 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 2.0 in each Accounting course required.**

## Program Prerequisites:

Placement into ENGL 99 or equivalent, and placement into MATH 98.

## Program Requirements

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 202 Principles of Accounting II **Units: 5**
- BUS 150 Business Spreadsheet Fundamentals **Units: 5**
- ACCT 206 Computer Accounting **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Dan King** 206-546-4702 [dking@shoreline.edu](mailto:dking@shoreline.edu) Rm 1415

## Program Information:

**Length of Program:** 20 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/accounting/>

Plan code: ATBAPC20

# Entrepreneurship Certificate of Completion Planning Guide

Shoreline Community College offers a short-term program in leading to a Certificate of Completion (CC) in Entrepreneurship. Students interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete a Certificate of Proficiency (CP) or an Associate in Applied Arts and Sciences (AAAS) degree in Entrepreneurship. Students pursuing a four-year baccalaureate degree in Business should follow the Business Associate in Arts (AA-DTA) direct transfer degree planning guide.

## Certificate of Completion (30 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215, and placement into MATH& 107 or BUS 102.

## Program Requirements

### Core Business Requirements (15 credits)

- BUS& 101 Introduction to Business **Units: 5**
- BUS 102 Business Mathematics **Units: 5**  
or
- MATH& 107 Math in Society **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**

### Entrepreneurship Requirements (15 credits)

*\* Courses marked with an asterisk are offered during the quarter listed.*

- BUS 135 Retail Marketing **Units: 5 \***
- BUS 235 Retail Buying and Management **Units: 5 \***
- BUS 270 Entrepreneurship- Starting a New Business **Units: 5**

## Certificate Completion

To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 30 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: ENRENC20

# Entrepreneurship Certificate of Proficiency Planning Guide

Shoreline Community College offers a Certificate of Proficiency (CP) in Entrepreneurship. Students interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete an Associate in Applied Arts and Sciences (AAAS) degree in Entrepreneurship. Students pursuing a four-year baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

**Length of Program:** 45 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85  
(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: ENRENC45

## Certificate of Proficiency (45 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### What do I need to take?

#### General Education Core Requirements - 10 Credits

##### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

##### Quantitative/Symbolic Reasoning (5 Credits)

- BUS 102 Business Mathematics **Units: 5**

#### Core Requirements - 35 Credits

*\* Course is offered once a year during the quarter listed*

- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**
- BUS 135 Retail Marketing **Units: 5 \***
- BUS 240 Introduction to e-Business **Units: 5 \***
- BUS 220 Advertising and Sales Promotion **Units: 5 \***
- BUS 235 Retail Buying and Management **Units: 5 \***
- BUS 270 Entrepreneurship- Starting a New Business **Units: 5**

### Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

### Program Information:

# Marketing Certificate of Completion Planning Guide

Shoreline Community College offers a short-term program in Marketing leading to a Certificate of Completion (CC) and an entry level position in the business marketing field. Students interested in advancement are encouraged to enroll in a longer course of study to complete a Certificate of Proficiency (CP) or an Associate in Applied Arts and Sciences (AAAS) degree in Marketing. Those interested in pursuing a four-year baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (30 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215, and placement into MATH& 107 or BUS 102.

## Program Requirements:

### Core Business Requirements

- BUS& 101 Introduction to Business **Units: 5**
- BUS 102 Business Mathematics **Units: 5**  
or
- MATH& 107 Math in Society **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**

### Marketing Requirements

\* Courses marked with an asterisk are offered during the quarter listed.

- BUS 135 Retail Marketing **Units: 5** \*
- BUS 220 Advertising and Sales Promotion **Units: 5** \*
- BUS 225 Relationship Marketing **Units: 5** (formerly Professional Selling) \*

## Certificate Completion

To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 30 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: MAMMAC20



# Marketing Certificate of Proficiency Planning Guide

Shoreline Community College offers a Certificate of Proficiency (CP) in Marketing. Students interested in advancement are encouraged to enroll in a longer course of study to complete an Associate in Applied Arts and Sciences (AAAS) degree in Marketing. Those interested in pursuing a four-year baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## Program Information:

**Length of Program:** 45 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: MAMMAC45

## Certificate of Proficiency (45 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites

Placement into BTWRT 215 or ENGL& 101, and placement into BUS 102 or MATH& 107.

## What do I need to take?

### General Education Requirements (10 Credits)

#### Quantitative/Symbolic Reasoning (5 credits)

- BUS 102 Business Mathematics **Units: 5**

#### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

### Core Program Requirements (35 Credits)

*\* Course offered once per year, during the quarter listed.*

- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**
- BUS 135 Retail Marketing **Units: 5 \***
- BUS 220 Advertising and Sales Promotion **Units: 5 \***
- BUS 225 Relationship Marketing **Units: 5** *(formerly Professional Selling) \**
- BUS 247 Social Media Marketing **Units: 5 \***
- BUS 249 Market Research **Units: 5 \***

## Program Advisor:

# Payroll Clerk Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Payroll Clerk Certificate of Completion (CC) leading to an entry-level position in the accounting field. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Associate Degrees in Accounting. Students pursuing a four-year baccalaureate degree should follow the Business Associate in Arts (AA-DTA) direct transfer degree planning guide.

## Certificate of Completion (20 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better in each Accounting course required.**

## Program Prerequisites:

Placement into ENGL 99 or equivalent, and placement into MATH 98.

## Program Requirements

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT 104 Payroll Accounting **Units: 5**
- BUS 150 Business Spreadsheet Fundamentals **Units: 5**
- ACCT 206 Computer Accounting **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Dan King** 206-546-4702 [dking@shoreline.edu](mailto:dking@shoreline.edu) Rm 1415

## Program Information:

**Length of Program:** 20 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: ATBPCC20

# Project Management Certificate of Completion Planning Guide

Shoreline Community College offers a short-term program in Project Management leading to a Certificate of Completion (CC) and an entry level position in business. Students interested in advancement are encouraged to enroll in longer programs of study to complete additional certificates or an Associate in Applied Arts and Sciences Degree in General Business or Marketing. Students pursuing a four-year Baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215 and placement into MATH& 107 or BUS 102.

## Program Requirements

### Core Requirements

*\* Course is offered once per year, during the Quarter listed.*

- BUS 180 Project Management I **Units: 5 \***
- BUS 181 Project Management II **Units: 5 \***
- BUS 182 Project Management III **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: PRMPMC01

# Social Media Marketing Certificate of Completion Planning Guide

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: MAMSMC20

Shoreline Community College offers a short-term program in Social Media Marketing that can be earned fully online. Completion of this Certificate of Completion (CC) can lead to an entry level position in business.

Students interested in advancement are encouraged to enroll in longer programs of study to complete additional Certificates or an associate degree in Business or Marketing. Students pursuing a four-year Baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (30 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215 and placement into BUS 102.

## Program Requirements

- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**
- BUS 220 Advertising and Sales Promotion **Units: 5 \***
- BUS 240 Introduction to e-Business **Units: 5 \***
- BUS 247 Social Media Marketing **Units: 5 \***
- BUS 248 Digital Marketing **Units: 5 \***

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 30 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring, Summer

# Tax Preparer Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Tax Preparer Certificate of Completion (CC) leading to an entry-level position in the accounting field. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates the AAAS degree in Accounting. Students pursuing a four-year baccalaureate degree should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better in each Accounting course required.**

## Program Prerequisites:

Placement into ENGL 99 or equivalent, and placement into MATH 98.

## Program Requirements

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT 170 Federal Income Tax Individuals/Small Business **Units: 5**
- BUS 150 Business Spreadsheet Fundamentals **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Dan King** 206-546-4702 [dking@shoreline.edu](mailto:dking@shoreline.edu) Rm 1415

## Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-adminstration/>

Plan code: ATBTPC01

# Business and Computing Fundamentals Certificate of Completion Planning Guide

Build skills in basic computing, data management, web essentials, business writing and math, and MS Office applications. This certificate leads to enrollment in key professional technical programs in Accounting, Business, Business Intelligence and Data Analytics, Health Informatics, Purchasing & Supply Chain Management, and Visual Communications Technology.

## Certificate of Completion (28 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

CASAS test score of at least 220 in reading and 210 in math; ESL Level 5.

## Program Requirements (28 Credits)

- BTWRT 115 Business English **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 102 Business Mathematics **Units: 5**
- BUS 103 Multiculturalism in the Workplace **Units: 3**
- BUS 108 Tech & Web Essentials **Units: 5**
- BUS 150 Business Spreadsheet Fundamentals **Units: 5**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Where can I go for help?

### I-BEST Program Specialist

**Mary Lockman** 206-546-6930 [mlockman@shoreline.edu](mailto:mlockman@shoreline.edu)

## Program Information:

**Length of Program:** 28 credits

**Completion Award:** Certificate of Completion

**Enrollment:** Summer, Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0-\$35 (in addition to tuition, fees, books and parking)

**Website:** <https://www.shoreline.edu/programs/business-administration/>

Plan code: AASBCC20

# Business Administration Certificate of Completion Planning Guide

Shoreline Community College offers a short-term program in Business Administration leading to a Certificate of Completion (CC) and an entry level position in the business field. Students interested in advancement are encouraged to enroll in a longer course of study to complete a Business Administration Certificate of Proficiency or an Associate of Applied Arts degree in Business Administration (AAAS). Those interested in pursuing a four-year baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (30 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL& 101 or BTWRT 215 and placement into MATH& 107 or BUS 102.

## Program Requirements

### General Education Requirements (5 credits)

- BUS 102 Business Mathematics **Units: 5**  
- or -
- MATH& 107 Math in Society **Units: 5**

### Core Program Requirements (25 credits)

- ACCT& 201 Principles of Accounting I **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**
- BUS 240 Introduction to e-Business **Units: 5**
- BUS 250 Human Resource Management **Units: 5**  
- or -
- BUS 255 Principles of Management **Units: 5**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 30 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: BAMGAC20

# Business Administration Certificate of Proficiency Planning Guide

The Business Administration Certificate of Proficiency is designed to provide students with the knowledge and skills in a specific career field to enter the workforce directly upon completion of the degree. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete an Associate in Applied Arts and Sciences in Business Administration (AAAS). Students interested in pursuing a four-year baccalaureate degree in Business Administration should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Proficiency (45 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites

Placement into ENGL& 101 or BTWRT 215, and placement into BUS 102 or MATH& 107.

## What do I need to take?

### General Education Requirements (15 Credits)

- BUS 102 Business Mathematics **Units: 5**
- BUS 104 Human Relations in Business **Units: 5**
  
- ENGL& 101 English Composition I **Units: 5**  
- or -
- BTWRT 215 Business Communications **Units: 5**

### Core Program Requirements (30 Credits)

\* Course offered once per year, during quarter listed.

- ACCT& 201 Principles of Accounting I **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**
- BUS 160 Systems Thinking **Units: 5**
- BUS 240 Introduction to e-Business **Units: 5** \*
  
- BUS 250 Human Resource Management **Units: 5** \*  
- or -
- BUS 255 Principles of Management **Units: 5** \*

## Program Advisor:

Email [businessprograms@shoreline.edu](mailto:businessprograms@shoreline.edu) for faculty advising.

## Program Information:

**Length of Program:** 45 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/business-administration/>

Plan code: BAMGAC45



# Business Intelligence

## Business Intelligence and Data Analytics, AAAS Planning Guide

Business Intelligence provides the information required to enhance business decision-making; whereas, Data Analytics is the process of converting raw data into meaningful information. Together, Business Intelligence and Data Analytics are becoming critical factors in the overall success and stability of top companies around the world - both public and private.

The Business Intelligence and Data Analytics (BIDA) AA degree focuses on providing graduates in-depth knowledge and teaching them the necessary skills to solve today's business problems in order to prepare for tomorrow's opportunities. The degree provides graduates a strong foundation in principles and theories of data, reporting, visualizations, analytics, project development, and data-driven decision-making skills. Upon completion, graduates will be familiar with cutting-edge technologies and possess skills and experience with practical business applications that enable businesses to recognize opportunities for improvement and enable them to sustain a competitive advantage.

This program emphasizes project management, technical learning, systems thinking along with a robust technology-focused curriculum including coursework in business intelligence, data mining, analytics, reporting, and programming languages R and Python.

### AAAS Degree (94-99 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this planning guide. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 1.0 in each individual course in the program, and overall GPA of 2.0 or better required.**

### Program Prerequisites

Intermediate Excel or Instructor permission. Placement into BTWRT 215 or ENGL& 101, MATH& 146, and BUS 265.

## What do I need to take?

### General Education Core Requirements

#### Communication Skills (10 Credits)

- BTWRT 215 Business Communications **Units: 5**  
or
- ENGL& 101 English Composition I **Units: 5**
- CMST& 220 Public Speaking **Units: 5**

#### Human Relations (2-5 Credits)

- BUS 104 Human Relations in Business **Units: 5**  
or
- BUS 105 Essentials of Human Relations **Units: 2**

#### Multicultural Understanding (3-5 Credits)

- BUS 103 Multiculturalism in the Workplace **Units: 3**  
(or approved Multicultural General Education class)

#### Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 146 Introduction to Stats **Units: 5**

#### Computer Science Requirements (5 Credits)

- CS 121 Introduction to Programming **Units: 5**

#### Business Requirements (69 Credits)

- ACCT& 201 Principles of Accounting I **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 268 Data Visualization **Units: 5**
- BUS 240 Introduction to e-Business **Units: 5**
- BUS 249 Market Research **Units: 5**
- BUS 255 Principles of Management **Units: 5**
- BUS 266 Business Intelligence **Units: 5**
- BUS 267 Data Analytics for Business **Units: 5**
- BUS 160 Systems Thinking **Units: 5**
- BUS 165 SQL for Data Analytics **Units: 5**
- BUS 180 Project Management I **Units: 5**
- BUS 181 Project Management II **Units: 5**
- BUS 120 Principles of Marketing **Units: 5**

# Program Advisor

Jessica Custis (206) 545-4540 jcustis@shoreline.edu Rm 1408

## Program Information

**Length of Program:** 94-99 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Every quarter (Fall recommended)

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books, and parking)*

**Website:** <https://www.shoreline.edu/programs/business-intelligence/business-intelligence-and-data-analytics-aaas.aspx>

Program Code: BIAIDAPT

# Child Advocacy Studies

## CAST - Child Advocacy Studies Certificate of Completion Planning Guide

CAST is a certificate program designed for students working with or planning to work with children. It focuses on child protection and safety issues including criteria, identification, reporting, and advocacy for child victims and survivors of child abuse.

### Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course required.**

### Program Prerequisites:

HS Diploma or GED. Placement into ENGL 99 or equivalent.

### Core Curriculum (15 Credits)

- CAST 102 Child Maltreatment & Advocacy **Units: 5**  
or
- SOC 102 Child Maltreatment & Advocacy **Units: 5**
  
- CAST 202 Professional and Systemic Responses **Units: 5**  
or
- SOC 202 Professional and Systemic Responses **Units: 5**
  
- CAST 285 Gender, Violence and Social Change **Units: 5**  
or
- GWS 285 Gender, Violence and Social Change **Units: 5**

### Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

### Program Advisor:

**Rachel David** 206-546-4760 [rdavid@shoreline.edu](mailto:rdavid@shoreline.edu) Rm 5370  
**Linda Forst** 206-546-4781 [lforst@shoreline.edu](mailto:lforst@shoreline.edu) Rm 5378

### Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/early-childhood-education/>

Plan code: CJLCCC01

# Clean Energy Technology and Entrepreneurship

## Clean Energy Technology and Entrepreneurship, AAAS Planning Guide

The Clean Energy Technology and Entrepreneurship Associate in Applied Arts and Sciences degree prepares graduates with the theoretical and practical knowledge necessary for careers in firms that manage, design, build, market or operate clean energy technologies in the built environment. The program focuses on clean energy technologies and practices that can achieve (or approach) "Net Zero Energy" in buildings. Shoreline works with professional affiliates, advisory committees and accreditation guidelines to ensure students receive the knowledge and skills currently in demand for employment.

### AAAS Degree (90 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for entire program required.**

### What do I need to take?

#### General Education Requirements - 15-20 Credits

##### Communication Skills: (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

##### Quantitative/Symbolic Reasoning: (5 Credits)

Choose either MATH& 146 or BUS 102.

##### Human Relations: (2-5 Credits)

Choose either BUS 104 or BUS 105.

##### Multicultural Understanding: (3-5 Credits)

Choose one of the following courses: BUS 103, CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, AES 101, PSYC 230.

#### Clean Energy Requirements - 45 Credits

Choose courses depending on your skills and interests.

**Foundations:** NRG 101, NRG 102, NRG 104, NRG 110, NRG 180

**Renewable Energy:** NRG 103, NRG 120, NRG 220, NRG 223

**High Performing Buildings:** NRG 162, NRG 163, NRG 200

**Virtual Design and Electives:** NRG 181, NRG 202, NRG 225, NRG 226, NRG 290

**Sustainable Business:** BUS 217, BUS 218, BUS 219

#### Entrepreneurship Requirements - 20 Credits

Choose four courses from the following list: ACCT& 201, ACCT& 203, BUS 180, BUS& 201, BUS 270

#### Program Electives - 5-10 Credits to reach 90 credits

Choose courses depending on your skills and interests.

**Computing Skills course choices:** BUS 108, BUS 150, BTWRT 115

**Additional course choices:** CMST& 220, ECON& 201, BUS 120, BUS 135, BUS 141, BUS 215, BUS 235, BUS 240, BUS 250, or any listed BUS or NRG courses on guide.

#### Program Advisor:

Lindsey Virdeh 206-546-4567 lvirdeh@shoreline.edu Rm 2179

#### Program Information:

**Length of Program:** 90 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/clean-energy-technology/>

Plan code: EVTCEAPT

# Clean Energy Technology and Entrepreneurship Certificate of Proficiency Planning Guide

The Clean Energy Technology and Entrepreneurship Certificate of Proficiency prepares graduates with the theoretical and practical knowledge necessary for careers in firms that manage, design, build, market or operate clean energy technologies in the built environment. The program focuses on clean energy technologies and practices that can achieve (or approach) "Net Zero Energy" in buildings. Shoreline works with professional affiliates, advisory committees and accreditation guidelines to ensure students receive the knowledge and skills currently in demand for employment.

## Certificate Of Proficiency (45 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for entire program required.**

## What do I need to take?

### General Education Requirements (5 Credits)

*Communication - Choose one of the following courses:* BTWRT 115, BTWRT 215, ENGL 99, ENGL& 101.

### Clean Energy Technology Requirements (40 Credits)

*Choose 40 credits from:*

#### Foundation

- NRG 101 Intro to Renewable NRG **Units: 5**
- NRG 102 Calculations for Energy Technologies **Units: 4**
- NRG 104 Buildings in Context **Units: 5**
- NRG 110 Intro Energy/Sustainability in Built Environment **Units: 5**
- NRG 180 Building Systems and Blueprint Reading **Units: 5**

#### Renewable Energy

- NRG 120 Solar Electric Design & Applications **Units: 5**
- NRG 123 PV Performance Analysis **Units: 3**
- NRG 220 Advanced PV Design **Units: 5**
- NRG 223 Battery Based PV System Design **Units: 5**

- NRG 103 Introduction to Battery Technology **Units: 5**

#### High Performing Buildings

- NRG 162 Large Building Assessment: Building Technology **Units: 4**
- NRG 163 Large Building Energy: Methods & Measurements **Units: 4**
- NRG 200 Zero Energy Building Design **Units: 5**

#### Virtual Design and Electives

- NRG 181 Virtual Design for Energy Technologies **Units: 5**
- NRG 202 Career Seminar for Clean Technology **Units: 3**
- NRG 225 Introduction to SketchUp **Units: 5**
- NRG 226 Advanced Sketch-Up **Units: 5**
- NRG 290 Renewable Energy/Solar Internship **Units: 1**

#### Sustainable Business

- BUS 217 Sustainability-Focused Leadership **Units: 5**
- BUS 218 Measuring and Reporting Sustainability Progress **Units: 5**
- BUS 219 Sustainable Marketing **Units: 5**

## Program Advisor:

Lindsey Virdeh 206-546-4567 lvirdeh@shoreline.edu Rm 2179

## Program Information:

**Length of Program:** 45 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/clean-energy-technology/>

Plan code: EVTCEC45

# Criminal Justice

## Criminal Justice, AAAS Planning Guide

The Criminal Justice Associate in Applied Arts and Sciences degree is designed to prepare students for careers in law enforcement, criminal justice support, community outreach, corrections, private security as well as some legal/paralegal positions. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Criminal Justice should follow the Criminal Justice AA-DTA transfer degree planning guide.

NOTE: Credit may be awarded by the CJ advisory for police academy or in-service police training.

### AAAS Degree (90 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Program Prerequisites:

High School Diploma or GED and college placement.

### What do I need to take?

#### General Education - 15 Credits

##### Communication Skills (5 Credits)

Choose either ENGL& 101 or BTWRT 215.

##### Multicultural Understanding (5 Credits)

Choose one of the following courses: CMST 203, GWS 284, HIST 245, AES 101.

##### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following courses: Any college level MATH 100 level, MATH& 107, MATH& 141, MATH& 142, MATH& 146, MATH& 148, MATH& 151, MATH& 152, MATH& 163, MATH& 264, MATH 111, MATH 207, MATH 208, MATH 211, PHIL& 120, BUS 102.

#### Core Requirements - 20 Credits

- CMST& 101 Introduction to Communication **Units: 5**
- PSYC& 100 General Psychology **Units: 5**
- SOC& 101 Introduction to Sociology **Units: 5**
  
- POLS& 101 Introduction to Political Science **Units: 5**  
or
- POLS& 202 Introduction to United States Government and Politics **Units: 5**

#### Criminal Justice Core Requirements - 40 Credits

*\*Internship is recommended for either 5th or 6th quarter. It is only offered winter and spring quarters*

- CJ& 101 Introduction to Criminal Justice **Units: 5**
- PHIL 248 Ethical Issues in Criminal Justice **Units: 5**
- CJ& 110 Criminal Law **Units: 5**
- CJ 120 Administration of Justice **Units: 5**
- CJ 238 Criminal Evidence and Constitutional Law **Units: 5**
- CJ 241 Principles of Investigation I **Units: 5**
- CJ 249 Police Operations **Units: 5**
- CJ 290 Internship **Units: 5 \***

#### Criminal Justice Professional Electives - 15 Credits

Choose from the following courses: CAST 102/SOC 102, CAST 202/SOC 202, CAST 285/GWS 285, CJ& 106, CJ 130, CJ 135/SOC 135, CJ 136/SOC 136, CJ 137/SOC 137, CJ 245, CJ 291, CJ 292, CJ 293, CJ 294, CJ 295, CJ 297, CJ 298, CJ 299, SOC 112.

#### Program Advisor:

**Linda Forst**  
206-546-4781 lforst@shoreline.edu Rm 5378  
[www.facebook.com/ShorelineCriminalJustice](http://www.facebook.com/ShorelineCriminalJustice)

## Program Information:

**Length of Program:** 90 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Fall (recommended), Winter, Spring

**Approximate Quarterly Costs:** \$35-115

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/criminal-justice/>

Plan code: CJLCJAPT

# Criminal Justice Advocacy Certificate of Completion Planning Guide

The Criminal Justice Advocacy Certificate (CJAC) is a 15-credit certificate program designed for students working within or planning to work within the criminal justice system. This Certificate is of particular relevance for students that are interested in social work or other related professions such as case managers, psychotherapists, school counselors, community outreach personnel, community correctional officers, community organizers, and those working in the fields of nursing, public health, legal studies and psychology. It focuses on the intersection of law and psychology.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course required.**

## Program Prerequisites:

College placement into ENGL 99 or equivalent.

## Core Curriculum (15 Credits)

- CJ 135 Current Issues in Crime and Society **Units: 5**  
or
- SOC 135 Current Issues in Crime and Society **Units: 5**
  
- CJ 136 Crisis Intervention and Conflict Resolution **Units: 5**  
or
- SOC 136 Crisis Intervention and Conflict Resolution **Units: 5**
  
- CJ 137 Theories of Professionalism in Criminal Justice **Units: 5**  
or
- SOC 137 Theories of Professionalism in Criminal Justice **Units: 5**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

Sociology Faculty Advisor: **Lawrence Clarke**  
206-546-4700 [lclarke@shoreline.edu](mailto:lclarke@shoreline.edu) Rm 5307

Criminal Justice Faculty Advisor: **Linda Forst**  
206-546-4781 [lforst@shoreline.edu](mailto:lforst@shoreline.edu) Rm 5378

## Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

*(in addition to tuition, books, and parking)*

**Website:** <http://shoreline.edu/programs/criminal-justice/>  
<http://www.facebook.com/ShorelineCriminalJustice>

Plan code: CJLCAC01



# Dental Hygiene

## Dental Hygiene, BASDH Planning Guide

The Bachelor of Applied Science in Dental Hygiene is designed to prepare students for careers in the Dental industry. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field.

### BASDH Degree (119 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.5 or higher for each individual course required.**

### Program Prerequisites:

See Transfer Degree Requirements for courses that meet General Education Requirements.

High School Diploma or G.E.D. and satisfactory completion of prerequisite college coursework: ENGL& 102, CMST& 101 or CMST& 220, PSYC& 100, MATH& 146 or higher, BIOL& 211, BIOL& 241, BIOL& 242, BIOL& 260, CHEM& 121, CHEM& 131, NUTR& 101, and General Education Requirements: Professional/Technical Area Requirements.

### Dental Hygiene Requirements

#### Junior Year (54.5 credits)

- DENHY 100 Introduction to Dental Hygiene Education **Units: 1**
- DENHY 200 Head and Neck Anatomy **Units: 2**
- DENHY 201 Histology/Embryology **Units: 3**
- DENHY 202 Principles of General Pathology and Systemic Disease **Units: 2**
- DENHY 210 Dental Radiology **Units: 2**
- DENHY 220 Clinical Dental Hygiene and Fundamentals I **Units: 8**
- DENHY 240 Process of Care I **Units: 1**
- DENHY 311 Dental Radiology **Units: 3**
- DENHY 312 Dental Anatomy and Morphology **Units: 2**
- DENHY 315 Pain Control I **Units: 3**
- DENHY 320 Medical Emergencies **Units: 2**
- DENHY 322 Clinical Dental Hygiene II **Units: 4**
- DENHY 342 Process of Care II **Units: 3**
- DENHY 351 Electronic Health Records I **Units: 1**
- DENHY 314 Oral Pathology **Units: 2**
- DENHY 323 Clinical Dental Hygiene III **Units: 4**

- DENHY 330 Pharmacology **Units: 3**
- DENHY 343 Process of Care III **Units: 3**
- DENHY 361 Periodontology I **Units: 2**
- DENHY 380 Theory of Restorative Dentistry **Units: 1**
- DENHY 381 Restorative Dentistry I **Units: 2.5**

#### Senior Year (64.5 Credits)

- DENHY 305 Principles of Research in Health-Related Systems **Units: 3**
- DENHY 324 Clinical Dental Hygiene IV **Units: 3**
- DENHY 340 Ethics and Jurisprudence **Units: 3**
- DENHY 344 Process of Care IV **Units: 2**
- DENHY 362 Periodontology II **Units: 2**
- DENHY 382 Restorative Dentistry II **Units: 1.5**
- DENHY 360 Special Populations **Units: 2**
- DENHY 415 Pain Control II **Units: 1**
- DENHY 421 Clinical Dental Hygiene V **Units: 6**
- DENHY 431 Advanced Dental Hygiene Theory V **Units: 3**
- DENHY 461 Periodontology III **Units: 1**
- DENHY 471 Community and Public Health Dentistry I **Units: 2**
- DENHY 481 Restorative Dentistry III **Units: 2**
- DENHY 482 Restorative Dentistry Preclinic and Clinic I **Units: 3**
- DENHY 422 Clinical Dental Hygiene VI **Units: 6**
- DENHY 432 Advanced Dental Hygiene Theory VI **Units: 3**
- DENHY 472 Community and Public Health Dentistry II **Units: 3**
- DENHY 478 Extramural Clinic I **Units: 1**
- DENHY 483 Restorative Clinic II **Units: 2**
- DENHY 423 Clinical Dental Hygiene VII **Units: 6**
- DENHY 433 Advanced Dental Hygiene Theory VII **Units: 2**
- DENHY 470 Successful Skills for Careers in Dental Hygiene **Units: 1**
- DENHY 473 Community Dental Health Project **Units: 3**
- DENHY 484 Restorative Clinic III **Units: 2**
- DENHY 488 Extramural Clinic II **Units: 1**

### Program Advisor

Glenda O'Malley 206-516-4711 dentalhygiene@shoreline.edu

### Program Information:

**Length of Program:** 119 Credits

**Completion Award:** BASDH Degree

**Selective Enrollment:** Students interested will find detailed information about prerequisites and the application process on the Dental Hygiene website.

**Approximate Quarterly Costs:** TBA

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/dental-hygiene/>

Plan code: DEHDYBAS

# Dental Hygiene, AAAS Planning Guide

**NOTE:** Last enrollment for the Dental Hygiene AAAS was **Summer 2023**. Students interested in pursuing a Dental Hygiene degree should follow the Dental Hygiene BASDH Planning Guide.

The Dental Hygiene Associate in Applied Arts and Sciences degree is designed to prepare students for careers in the Dental industry. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Dentistry should follow the Dentistry Pre-Major, AS-T1 Planning Guide.

## AAAS Degree (117 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.5 or higher for each individual course required.**

## Program Prerequisites:

See Transfer Degree Requirements for courses that meet General Education Requirements.

High School Diploma or G.E.D. and satisfactory completion of prerequisite college coursework: ENGL& 102, CMST& 101 or CMST& 220, PSYC& 100, MATH& 146 or higher, BIOL& 211, BIOL& 241, BIOL& 242, BIOL& 260, CHEM& 121, CHEM& 131, NUTR& 101, and General Education Requirements: Multicultural Understanding and Human Relations.

## Dental Hygiene Core Requirements (First Year)

- DENHY 100 Introduction to Dental Hygiene Education **Units: 1**
- DENHY 101 Histology/Embryology **Units: 3**
- DENHY 102 Princ of General Pathology and Systemic Disease **Units: 2**
- DENHY 110 Dental Radiology **Units: 2**
- DENHY 121 Clinical Dental Hygiene and Fundamentals I **Units: 8**
- DENHY 141 Procedures Seminar I **Units: 1**
- DENHY 111 Dental Radiology **Units: 3**
- DENHY 112 Dental Anatomy and Morphology **Units: 2**
- DENHY 120 Medical Emergencies **Units: 2**
- DENHY 115 Pain Control I **Units: 3**
- DENHY 122 Clinical Dental Hygiene and Fundamentals II **Units: 6**
- DENHY 142 Procedures Seminar II **Units: 1**
- DENHY 151 Electronic Health Records I **Units: 1**

- DENHY 161 Periodontology I **Units: 2**
- DENHY 114 Oral Pathology **Units: 2**
- DENHY 130 Pharmacology **Units: 3**
- DENHY 181 Restorative Dentistry I **Units: 3**
- DENHY 123 Clinical Dental Hygiene and Fundamentals III **Units: 6**
- DENHY 152 Electronic Health Records II **Units: 1**
- DENHY 143 Procedures Seminar III **Units: 1**
- DENHY 162 Periodontology II **Units: 2**
- DENHY 171 Community and Public Health Dentistry I **Units: 2**
- DENHY 140 Ethics and Jurisprudence **Units: 3**
- DENHY 182 Restorative Dentistry II **Units: 1**
- DENHY 124 Clinical Dental Hygiene and Fundamentals IV **Units: 5**

## Dental Hygiene Core Requirements (Second Year)

- DENHY 215 Pain Control II **Units: 1**
- DENHY 250 Dental Gerontology **Units: 1**
- DENHY 261 Periodontology III **Units: 1**
- DENHY 260 Care of the Patient with Special Needs **Units: 1**
- DENHY 281 Restorative Dentistry III **Units: 3**
- DENHY 282 Restorative Dentistry Preclinic and Clinic **Units: 3**
- DENHY 221 Clinical Dental Hygiene V **Units: 6**
- DENHY 231 Dental Hygiene Fundamentals V **Units: 2**
- DENHY 241 Procedures Seminar V **Units: 1**
- DENHY 251 Patient Records III **Units: 1**
- DENHY 271 Public Health/Community Dentistry **Units: 2**
- DENHY 283 Restorative Clinic I **Units: 2**
- DENHY 222 Clinical Dental Hygiene VI **Units: 6**
- DENHY 232 Dental Hygiene Fundamentals VI **Units: 2**
- DENHY 242 Procedures Seminar VI **Units: 1**
- DENHY 278 Extramural Clinic I **Units: 1**
- DENHY 252 Patient Records IV **Units: 1**
- DENHY 272 Special Community Dental Health Project **Units: 1**
- DENHY 270 Professional Issues **Units: 1**
- DENHY 284 Restorative Clinic II **Units: 2**
- DENHY 223 Clinical Dental Hygiene VII **Units: 6**
- DENHY 233 Dental Hygiene Fundamentals VII **Units: 2**
- DENHY 243 Procedures Seminar VII **Units: 1**
- DENHY 288 Extramural Clinic II **Units: 1**
- DENHY 253 Patient Records V **Units: 1**

## Program Advisor:

**Maryrose Bellert** 206-546-4709 dentalhygiene@shoreline.edu  
Rm 2519A

# Program Information:

**Length of Program:** 117 Credits

**Completion Award:** A.A.A.S. Degree

**Selective Enrollment:** Students interested will find detailed information about prerequisites and the application process on the Dental Hygiene website.

**Approximate Quarterly Costs:** \$150-\$3000

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/dental-hygiene/>

Plan code: DEHDHAPT

# Health Informatics & Information Management

## Health Information Technology, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills in specific career fields to enter the workforce directly upon completion of the degree. Shoreline Community College works closely with a local advisory committee comprised of industry professionals to ensure students receive the knowledge and skills currently in demand.

### AAAS Degree (96 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program and program prerequisites required.**

#### Additional Information

Prior to placement in a professional practice experience (PPE) site, students are required to submit a resume, sign a Professional Standards Agreement, and provide a health assessment with current immunizations and TB testing. A criminal and government agency background check is also required. Students are responsible for these costs. Students should anticipate additional expenses for parking and travel related to their PPE placement. Students must be available for up to two weeks (80 hours) during normal business hours for the HIIM Professional Practice Experience.

Refer to the program website at <http://new.shoreline.edu/virtual-campus/hiim> or contact one of the program advisors for more information.

#### Professional Certifications

Graduates are eligible to take the certification examination offered by the American Health Information Management Association (AHIMA) to become Registered Health Information Technicians (RHIT). In addition, graduates are eligible to take the AHIMA Certified Coding Specialist-Physician's Office (CCS-P), entry-level Certified Coding Associate (CCA), and American Academy of Professional Coders Certified Professional Coding (CPC, CPC-H) or Certified Risk Coder (CRC) examinations. The AHIMA mastery-level Certified Coding Specialist (CCS) examination for inpatient coding is also available.

## Program Prerequisites:

ENGL& 101 English Composition I or BTWRT 215 Business Communications; BIOL& 170 Human Biology; and computer literacy (basic computer application skills including working in PC Windows environment). Students are required to complete a math placement test prior to starting the program if they have not yet completed MATH& 146. A separate initial admissions process is required. Acceptance into Shoreline Community College does not guarantee acceptance into the Health Information Technology AAAS degree program. Early application to the program is advised. Students are required to submit a Criminal and Government Agency Background Check to complete the practicum requirement and work in a health care setting.

## Academic Requirements:

Students are required to maintain a grade of 2.0 in ALL courses. Strong English grammar skills are essential for the program and profession. Since courses are not offered every quarter and some courses require prerequisites, students MUST confer with an HIIM Advisor to develop an academic plan. Check program website for advisor information and access to required computer hardware and software.

## What do I need to take?

### General Education Core Requirements (15 Credits)

#### Human Relations (5 Credits)

- HIIM 224 Management for Health Information Supervisors **Units: 5**

#### Multicultural Understanding (5 Credits)

Choose one of the following courses: AES 101, CMST 203, GWS 284, HIST 245, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 Credits)

- HIIM 154 Revenue Cycle Management **Units: 5**

## Core Requirements (81 Credits)

- MATH& 146 Introduction to Stats **Units: 5** \*  
\* Depending on math placement results, students may be required to take a two-credit math support class as well.
- HIIM 120 Healthcare Delivery in the U.S. **Units: 4**
- HIIM 125 Hospital and Clinic Patient Records **Units: 5**
- HIIM 134 Medical Terminology **Units: 5**
- HIIM 170 Legal Aspects of Health Care **Units: 4**
- HIIM 171 Basic ICD-10 Coding **Units: 5**
- HIIM 172 Outpatient Coding **Units: 5**
- HIIM 173 Intermediate Medical Coding **Units: 5**
- HIIM 175 Human Diseases & Pharmacology **Units: 5**
- HIIM 219 Healthcare Statistics **Units: 4**
- HIIM 220 Quality Improvement in Healthcare **Units: 5**
- HIIM 225 Health Informatics Essentials **Units: 5**
- HIIM 226 Alternative Care Record Systems **Units: 4**
- HIIM 233 Prep for Professional Practice Experience (PPE) **Units: 1**
- HIIM 234 Professional Practice Experience & RHIT Exam Prep **Units: 4**
- HIIM 235 Health Information Management Projects **Units: 4**
- HIIM 238 Health Data Management **Units: 5**
- HIIM 242 Spreadsheet Applications in Health Info Mgmt **Units: 3**
- HIIM 244 Revenue Integrity **Units: 3**

## Program Advisor:

**Melanie Meyer, PhD, RHIA, CPHQ, CCS** (Advises last names A-L)  
206-546-4757 mmeyer@shoreline.edu Rm 2334

**Gloria Anderson, MEd, RHIA, CCS** (Advises last names M-Z)  
917-368-0337 ganderso@shoreline.edu

## Program Information:

**Length of Program:** 96 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall, Winter, Spring, Summer

**Approximate Quarterly Costs:** \$45-\$120

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/health-information-technology/>

Plan code: HMRHIAPT

# Comprehensive Coding and Revenue Integrity Specialist Certificate of Proficiency Planning Guide

The Certificate of Proficiency is designed to provide students with basic knowledge and skills in specific career fields to enter the workforce directly upon completion of the certificate or to seek advanced study in the field. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers.

## Certificate of Proficiency (63-66 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better in each individual course of the program and program prerequisites required.**

### Additional Information

The final coding course is a virtual Medical Coding Practicum. Students will code 50 - 100 medical charts. Students wishing to continue on to obtain an Associate in Applied Arts and Sciences (AAAS) degree in Health Information Technology must meet with their advisor and apply to the program. Additional pre-requisites and courses may be required.

### Professional Certifications

Graduates are eligible to take the certification examination offered by the American Health Information Management Association (AHIMA) for Certified Coding Specialist-Physician's Office (CCS-P), or the entry-level Certified Coding Associate (CCA). They are also eligible to take the American Academy of Professional Coders Certified Professional Coding (CPC, CPC-H) or Certified Risk Coder (CRC) examinations. The AHIMA mastery-level Certified Coding Specialist (CCS) examination for inpatient coding is also available.

## Program Prerequisites:

ENGL& 101 English Composition I or BTWRT 215 Business Communication, BIOL& 170 Human Biology and basic computer application skills, including working in a PC Windows environment. A separate initial admissions process is required. Acceptance into Shoreline Community College does not guarantee acceptance into the Comprehensive Coding & Revenue Integrity Specialist program. Early application to the program is advised as space is limited.

## Academic and Program Requirements:

Students are required to maintain a grade of 2.0 in ALL courses. Strong English grammar skills are essential for the program and profession. Since courses are not offered every quarter and some courses require prerequisites, students MUST confer with an HIIM Advisor to develop an academic plan. Check program website for advisor information and access to required computer hardware and software.

## What do I need to take?

### General Education Core Requirements (2-5 Credits)

#### Human Relations: (2-5 Credits)

- BUS 105 Essentials of Human Relations **Units: 2**  
or
- BUS 104 Human Relations in Business **Units: 5**  
or
- HIIM 224 Management for Health Information Supervisors **Units: 5** (for dual enrollment in MCRS and HIT)

### Core Requirements (61 Credits)

- ACCT& 201 Principles of Accounting I **Units: 5**
- HIIM 120 Healthcare Delivery in the U.S. **Units: 4**
- HIIM 125 Hospital and Clinic Patient Records **Units: 5**
- HIIM 134 Medical Terminology **Units: 5**
- HIIM 154 Revenue Cycle Management **Units: 5**
- HIIM 170 Legal Aspects of Health Care **Units: 4**
- HIIM 171 Basic ICD-10 Coding **Units: 5**
- HIIM 172 Outpatient Coding **Units: 5**
- HIIM 173 Intermediate Medical Coding **Units: 5**
- HIIM 175 Human Diseases & Pharmacology **Units: 5**
- HIIM 225 Health Informatics Essentials **Units: 3**
- HIIM 228 Coding Practicum & Career Prep **Units: 3**
- HIIM 241 Hierarchical Condition Categories (HCC) Coding **Units: 2**
- HIIM 244 Revenue Integrity **Units: 3**

## Program Advisor:

**Melanie Meyer, PhD, RHIA, CPHQ, CCS** (Advises last names A-L)  
206-546-4757 mmeyer@shoreline.edu Rm 2334

**Gloria Anderson, MEd, RHIA, CCS** (Advises last names M-Z)  
917-368-0337 ganderso@shoreline.edu

## Program Information:

**Length of Program:** 63-66 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Fall, Winter, Spring, Summer

**Approximate Quarterly Costs:** \$25-\$120

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/health-information-technology/>

Plan code: MISRC45

# Health Data Analyst Certificate of Completion Planning Guide

The Health Data Analyst certificate is a specialized certificate option for those students interested in the healthcare data analytics field. Courses in the certificate program focus on healthcare statistics, use of data analytics for quality improvement, as well as the tools used to support data analytics work. This certificate is a good option for students interested in a career focused on analyzing, interpreting, and/or reporting health data.

## Professional Certifications:

Graduates who have their RHIT credential and three years of experience are eligible to take the certification examination offered by the American Health Information Management Association (AHIMA) for Certified Health Data Analyst (CHDA).

## Certificate of Completion (25-26 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program and program prerequisites required.**

## Program Prerequisites:

MATH& 146; BUS 150 or HIIM 242; HIIM 125; ENGL& 101 or BTWRT 215; HIIM 134; HIIM 154 and HIIM 172 or HIIM 180; and computer literacy (basic computer application skills including working in a PC Windows environment).

## What do I need to take?

### Core Curriculum (21 credits)

Note: Please check prerequisites for each class below. Students who are not enrolled in or have not previously completed Shoreline's Health Information Technology AAAS degree should contact a HIIM program advisor to discuss this program.

- HIIM 219 Healthcare Statistics **Units: 4**
- HIIM 225 Health Informatics Essentials **Units: 5**
- HIIM 238 Health Data Management **Units: 5**
- HIIM 239 Health Data Visualization **Units: 2**
- HIIM 240 Health Data Project **Units: 2**
- HIIM 242 Spreadsheet Applications in Health Info Mgmt **Units: 3**

### Electives (4-5 Credits)

Choose one of the following electives:

- BUS 165 SQL for Data Analytics **Units: 5**
- CS 121 Introduction to Programming **Units: 5**
- HIIM 220 Quality Improvement in Healthcare **Units: 5**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisors:

**Melanie Meyer, PhD, RHIA, CPHQ, CCS** (Advises last names A-L)  
206-546-4757 [mmeyer@shoreline.edu](mailto:mmeyer@shoreline.edu) Rm 2334

**Gloria Anderson, MEd, RHIA, CCS** (Advises last names M-Z)  
917-368-0337 [ganderso@shoreline.edu](mailto:ganderso@shoreline.edu)

## Program Information:

**Length of Program:** 25-26 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Summer, Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25 - \$125  
(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/health-information-technology/>

Plan code: HMRHAC01



# Health Information Foundations Certificate of Completion Planning Guide

This Certificate of Completion is designed to provide students with foundational knowledge and skills in health information to enter the workforce directly upon completion of the certificate or to seek further study in the field. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers.

## Certificate of Completion (19 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program and program prerequisites required.**

## Program Prerequisites:

ENGL& 101 English Composition I or BTWRT 215 Business Communications; BIOL& 170 Human Biology; classes are prerequisites but may be taken concurrently. Computer literacy (basic computer application skills including working in PC Windows environment).

## Program Requirements

- HIIM 125 Hospital and Clinic Patient Records **Units: 5**
- HIIM 134 Medical Terminology **Units: 5**
- HIIM 170 Legal Aspects of Health Care **Units: 4**
- HIIM 180 Intro to Reimbursement and Coding **Units: 3**
- HIIM 245 Release of Information Management Practice **Units: 2**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisors:

**Melanie Meyer, PhD, RHIA, CPHQ, CCS** (Advises last names A-L)  
206-546-4757 [mmeyer@shoreline.edu](mailto:mmeyer@shoreline.edu) Rm 2334

**Gloria Anderson, MEd, RHIA, CCS** (Advises last names M-Z)  
917-368-0337 [ganderso@shoreline.edu](mailto:ganderso@shoreline.edu)

## Program Information:

**Length of Program:** 19 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Summer, Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0

(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/health-information-technology/>

Plan code: HMRHFC01

# Manufacturing

## Manufacturing/Machinist Technology, AAAS Planning Guide

The Manufacturing/Machinist Associate in Applied Arts and Sciences degree or Certificate of Proficiency is designed to prepare qualified individuals for entry into the job market as a Manufacturing Technician. The program uses the innovative I-BEST approach to instruction, so students learn math for manufacturing with extra help as needed. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Engineering should follow the Associate in Science - Track 2, AS-T2 Planning Guide .

### AAAS Degree (96-105 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Program Prerequisites:

AAAS requires completion of the Certificate of Proficiency. Many classes are variable credit and lab time is arranged with the instructor. ESL students should be at level 4 or 5 to enter the program. Please work closely with instructors or program advisors.

### What do I need to take?

#### General Education Requirements (12-15 Credits)

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Multicultural Understanding (5 Credits)

Choose one of the following courses: CMST 203, GWS 284, HIST 245, AES 101.

#### Human Relations (2-5 Credits)

Choose one of the following courses: BUS 105, BUS 250, CMST& 101.

#### Required Core Courses (84 - 90 Credits)

- MFGT 105 Basic Manufacturing **Units: 20**
- MFGT 106 Intermediate Manufacturing **Units: 20**
- MFGT 120 Manufacturing Technology Applications **Units: 20**

#### Choose between 24-30 credits from the courses below:

- MFGT 155 Quality Assurance Fundamentals **Units: 5**
- MFGT 156 Certified Quality Inspector Preparation **Units: 5**
- MFGT 196 Manufacturing Internship **Units: 4**
- MFGT 215 Manufacturing Technology Programming **Units: 6**
- MFGT 220 Computer Aided Manufacturing (CAM) **Units: 6**
- MFGT 225 Introduction to Additive Manufacturing **Units: 3**
- MFGT 227 Advanced CAD/CAM Programming **Units: 5**
- MFGT 244 Preventative Maintenance **Units: 3**
- MFGT 245 10-Hour OSHA **Units: 1**
- MFGT 246 Mechanical Maintenance **Units: 5**
- MFGT 247 Motive Maintenance **Units: 5**
- MFGT 248 Control Maintenance **Units: 5**
- MFGT 280 Robot Certification **Units: 5**
- MFGT 296 CAM Internship **Units: 9**

### Where can I go for help?

#### Program Advisor:

**Keith Smith** 206-546-6969 ksmith2@shoreline.edu Rm 2501F

#### Program Navigator:

206-533-6657 manufacturing@shoreline.edu Rm 2502A

## Program Information:

**Length of Program:** 96-105 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$300

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: MATMMAPT

# Mechatronics, AAAS Planning Guide

Mechatronics is a two-year program that prepares students for immediate employment and future advancement in companies or government organizations that manufacture, service, sell, design or support electro-mechanical systems that control machinery, automation, and/or processes. This degree is offered jointly with Shoreline Community College and North Seattle College. Students must take classes at both campuses in order to complete this degree.

## AAAS Degree (93 - 99 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

The Mechatronics A.A.S. requires completion of courses at both Shoreline Community College and North Seattle College. Many classes are variable credit and lab time is arranged with the instructor. Please work closely with instructors or program advisors. Courses at North Seattle College with pre-requisites are marked with an (\*).

## What do I need to take?

### General Education Requirements - 12-15 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Multicultural Understanding (5 Credits)

Choose one of the following courses: CMST 203, CMST 285, HIST 245, AES 101, GWS 284.

#### Human Relations (2-5 Credits)

Choose one of the following courses: BUS 104, BUS 105, BUS 250, CMST& 101.

## Required Core Courses At Shoreline Community College

- MFGT 105 Basic Manufacturing **Units: 20**

- MFGT 244 Preventative Maintenance **Units: 3**
- MFGT 245 10-Hour OSHA **Units: 1**
- MFGT 246 Mechanical Maintenance **Units: 5**
- MFGT 247 Motive Maintenance **Units: 5**
- MFGT 196 Manufacturing Internship **Units: 4 (6-9)**
- MFGT 280 Robot Certification **Units: 5**

## Required Courses At North Seattle College

- EET 106 Intro to Soldering **Credits: 1**
- EET 109 Mathematical Applications for Circuit Analysis **Credits: 5**
- EET 131 IT Essentials - A+ Certification **Credits: 5**
- EET 137 Intro to Robotics **Credits: 5**
- EET 160 Intro to Electricity and Electronics **Credits: 5**
- EET 161 D.C. Principles of Electronics **Credits: 5**
- EET/EEL 201 Energy Generation, Conversion and Sustainability **Credits: 5 \***
- EET/EEL 202 Industrial Motors Controls **Credits: 5 \***
- EET/EEL 203 Industrial Motors Drives **Credits: 5 \***

## Where can I go for help?

### Program Advisor:

**Keith Smith** 206-546-6969 ksmith2@shoreline.edu

### Program Navigator:

**Industrial Tech Navigator** 206-533-6669 mespinoz-tello@shoreline.edu Rm 2176

## Program Information:

**Length of Program:** 93 - 99 credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall, Winter, Spring, Summer

**Approximate Quarterly Costs:** \$325

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: IMMMEAPT

# Basic Manufacturing Certificate of Completion Planning Guide

Shoreline Community College offers a one-quarter course of study leading to a Certificate of Completion (CC) in Basic Manufacturing. The program uses the innovative I-BEST approach to instruction, so students learn math for manufacturing with extra help as needed. Students interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete a Certificate of Proficiency (CP) or an Associate in Applied Arts and Sciences (AAAS) degree in Manufacturing. Students pursuing a four-year baccalaureate degree in Engineering should follow the Engineering Associate in Science (AS-DTA) direct transfer degree planning guide.

## Certificate of Completion (20 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

ESL students should be at a level 4 or 5 to enter the program.

Placement into ENGL 80, EAP 90, or EAPAB 90.

## Program Requirements

- MFGT 105 Basic Manufacturing Units: 20

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Where can I go for help?

### Program Advisor:

**Keith Smith** 206-546-6969 [ksmith2@shoreline.edu](mailto:ksmith2@shoreline.edu) Rm 2501F

### Program Navigator:

206-533-6657 [manufacturing@shoreline.edu](mailto:manufacturing@shoreline.edu) Rm 2502A

## Program Information:

**Length of Program:** 20 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$300

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: MATBMC20

# Machine Maintenance Certificate of Completion Planning Guide

The certificate in Machine Maintenance is a sixteen-credit, three-quarter program intended to help meet the needs of the manufacturing industry for machine maintenance personnel by providing workers with the basic knowledge and skills necessary to successfully enter this field. By combining an understanding of fundamental principles with practical skills, the three core courses in this program show how to maintain, troubleshoot, and repair the major systems found in modern manufacturing machines. OSHA 10-Hour General Industry Safety class is included as a required course in this program in recognition of the fact that machines are safest when they are operating as intended, but can become more hazardous when being maintained.

## Certificate of Completion (16 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

## Program Prerequisites:

Satisfactory completion of MFGT 120 with a grade of 2.0 or better, or Instructor permission.

## Program Requirements

- MFGT 245 10-Hour OSHA **Units: 1**
- MFGT 246 Mechanical Maintenance **Units: 5**
- MFGT 247 Motive Maintenance **Units: 5**
- MFGT 248 Control Maintenance **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Where can I go for help?

### Program Advisor:

**Keith Smith** 206-546-6969 [ksmith2@shoreline.edu](mailto:ksmith2@shoreline.edu) Rm 2501F

### Program Navigator:

206-533-6657 [manufacturing@shoreline.edu](mailto:manufacturing@shoreline.edu) Rm 2502A

### Program Information:

**Length of Program:** 16 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$200

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: MATMAC01

# Manufacturing/Machinist Technology Certificate of Proficiency Planning Guide

The Manufacturing/Machinist Certificate of Proficiency is designed to prepare qualified individuals for entry into the job market as a Manufacturing Technician. The program uses the innovative I-BEST approach to instruction, so students learn math for manufacturing with extra help as needed. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Student interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete an Associate in Applied Arts and Sciences (AAAS) in Manufacturing/Machining. Students interested in pursuing a four-year baccalaureate degree in Engineering should follow the Associate in Science - Track 2, AS-T2 Planning Guide.

## Certificate of Proficiency (60 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Core Curriculum

- MFGT 105 Basic Manufacturing **Units: 20**
- MFGT 106 Intermediate Manufacturing **Units: 20**
- MFGT 120 Manufacturing Technology Applications **Units: 20**

## Where can I go for help?

### Program Advisor:

**Keith Smith** 206-546-6969 ksmith2@shoreline.edu Rm 2501F

### Program Navigator:

206-533-6657 manufacturing@shoreline.edu Rm 2502A

## Program Information:

**Length of Program:** 60 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$300

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: MATMMC45

# Mechatronics Certificate of Proficiency Planning Guide

The Mechatronics Certificate of Proficiency is the Shoreline Community College half of the Mechatronics AAAS degree.

## Industrial Maintenance, Robotics & Manufacturing Certificate of Proficiency (45 - 48 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Core Curriculum

- MFGT 105 Basic Manufacturing **Units: 20**
- MFGT 244 Preventative Maintenance **Units: 3**
- MFGT 245 10-Hour OSHA **Units: 1**
- MFGT 246 Mechanical Maintenance **Units: 5**
- MFGT 247 Motive Maintenance **Units: 5**
- MFGT 196 Manufacturing Internship **Units: 4 (6-9)**
- MFGT 280 Robot Certification **Units: 5**

### Where can I go for help?

#### Program Advisor:

**Keith Smith** 206-546-6969 ksmith2@shoreline.edu

#### Program Navigator:

**Industrial Tech Navigator** 206-533-6669 mespinoza-tello@shoreline.edu Rm 2176

### Program Information:

**Length of Program:** 45 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Fall, Winter, Spring, Summer

**Approximate Quarterly Costs:** \$325

(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: IMMMEC45



# Principles of Precision Machining Certificate of Completion Planning Guide

The certificate in Principles of Precision Machining is a 40 credit, two-quarter course of study that provides students with entry-level manufacturing skills and a foundation to pursue other certificates and two-year degrees in other manufacturing specialty areas. The program uses the innovative I-BEST approach to instruction, so students learn math for manufacturing with extra help as needed. The certificate in Principles of Precision Machining builds on the nine Learning Outcomes listed below. Each Learning Outcome also represents an important component of the manufacturing industry, as identified by Washington State employers.

## Certificate of Completion (40 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

## Program Prerequisites:

Placement into ENGL 80, EAP 90, or EAPAB 90.

## Program Requirements (40 Credits)

- MFGT 105 Basic Manufacturing **Units: 20**
- MFGT 106 Intermediate Manufacturing **Units: 20**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Where can I go for help?

### Program Advisor:

Keith Smith 206-546-6969 [ksmith2@shoreline.edu](mailto:ksmith2@shoreline.edu) Rm 2501F

### Program Navigator:

206-533-6657 [manufacturing@shoreline.edu](mailto:manufacturing@shoreline.edu) Rm 2502A

## Program Information:

**Length of Program:** 40 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$300

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: MATPPC20

# Quality Assurance Certificate of Completion Planning Guide

The certificate in Quality Assurance is a ten-credit two-quarter course of study intended to not only meet the needs of the manufacturing industry for inspectors and quality assurance personnel, but also to provide the field with manufacturing technicians who are better trained in how to make quality parts. In addition to learning practical measurement and inspection techniques that can be applied to verify that the parts they are making meet the customers' needs, students will gain a deeper understanding of process control and what it means to make a quality product.

## Certificate of Completion (10 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better in each individual course in the program required.**

## Program Prerequisites:

Satisfactory completion of MFGT 120 with a grade of 2.0 or better, or Instructor permission.

## Program Requirements (10 Credits)

- MFGT 155 Quality Assurance Fundamentals **Units: 5**
- MFGT 156 Certified Quality Inspector Preparation **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Where can I go for help?

### Program Advisor:

**Keith Smith** 206-546-6969 [ksmith2@shoreline.edu](mailto:ksmith2@shoreline.edu) Rm 2501F

### Program Navigator:

206-553-6657 [manufacturing@shoreline.edu](mailto:manufacturing@shoreline.edu) Rm 2502A

## Program Information:

**Length of Program:** 10 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$200

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/manufacturing/>

Plan code: MATQAC01

# Medical Laboratory Technician

## Medical Laboratory Technology, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills to work in clinical laboratories as a Medical Laboratory Technician (MLT). Upon completion of the degree, graduates are eligible to take the national MLT certification exam. Certification is a requirement for working in the healthcare field. Shoreline Community College works with clinical affiliates, an MLT advisory committee and accreditation guidelines to make sure students receive the knowledge and skills currently in demand for employment.

### AAAS Degree (114-117 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

### Program Prerequisites:

For the AAAS degree program, placement into ENGL& 101 and MATH& 146 is required. Credit in the physical sciences may be applied if earned within the past five years, and includes in-person labs. Exceptions may be made on an individual basis. Proof of current Healthcare Provider (CPR & AED) certificates required.

### What do I need to take?

#### General Education Core

#### Requirements (12-15 Credits)

#### Communication Skills (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Multicultural Understanding (2-5 Credits)

Choose one of the following courses: BUS 103, BUS 105, HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, AES 101, PSYC 230, SOC 270.

#### Quantitative/Symbolic Reasoning (5 credits)

- MATH& 146 Introduction to Stats **Units: 5**

### Program Core Requirements (34 Credits)

#### Science Courses

The following science courses must be taken with in-person labs for those with lab components. Exceptions may be made on an individual basis.

- BIOL& 170 Human Biology **Units: 5**
- BIOL& 211 Majors Cellular: Biology **Units: 5**
- BIOL& 260 Microbiology **Units: 5**
- CHEM& 121 Intro to Chemistry **Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Units: 5**

#### Spring Quarter Prior to Professional Year

- MLT 181 Introduction to Medical Lab Procedures **Units: 4**
- MLT 182 Lab: Med. Lab Procedures **Units: 2**
- MLT 183 Mathematic Applications for the Clinical Laboratory **Units: 2**
- MLT 184 Preparation as a Laboratory Professional **Units: 1**

### Professional Year (68 Credits)

- MLT 221 Hematology Lecture **Units: 6**
- MLT 225 Clinical Immunology Lecture **Units: 4**
- MLT 226 Urinalysis, Body Fluids, and Coagulation Lecture **Units: 3**
- MLT 231 Hematology Laboratory **Units: 3**
- MLT 235 Clinical Immunology Laboratory **Units: 2**
- MLT 236 Urinalysis, Body Fluids, and Coagulation Laboratory **Units: 2**
- MLT 200 MLT Phlebotomy Skills Lab **Units: 1**
- MLT 222 Clinical Chemistry Lecture **Units: 6**
- MLT 224 Clinical Microbiology Lecture **Units: 5**
- MLT 232 Clinical Chemistry Lab **Units: 3**
- MLT 234 Clinical Microbiology Laboratory **Units: 3**
- MLT 132 Phlebotomy Practicum **Units: 1 \***
- MLT 241 Hematology Practicum **Units: 6**
- MLT 242 Chemistry Practicum **Units: 6**
- MLT 244 Microbiology Practicum **Units: 6**
- MLT 245 Integrated Immunohematology **Units: 1-10**

\* Variable credit class. 2 credits of MLT 132 required for this degree.

### Additional Information

MLT Program applications are due May 10th. Selection to the Professional year of the MLT program is based on successful completion of academic prerequisite requirements. Acceptance is limited by the number of clinical spaces for practicum training. Students accepted into the MLT program must be full time student. The MLT program application can be found at <https://www.shoreline.edu/programs/medical-laboratory-technology/apply-medical-lab-technology/documents/MLT-Application.pdf>.

Required vaccinations: Hepatitis B, MMR, Tdap, influenza, and two-step TB skin tests, Varicella, and full COVID.

Required Documents: Background check, Health insurance, and AHA BLS CPR certification.

Assigned clinical training facilities may have additional student requirements.

#### **Professional Organizations:**

American Society for Clinical Laboratory Science (ASCLS),

[www.ascls.org](http://www.ascls.org)

American Society for Clinical Laboratory Science- Washington

State, [www.asclswa.org](http://www.asclswa.org)

American Society for Clinical Pathology, [www.ascp.org](http://www.ascp.org)

#### **Certification in clinical laboratory careers:**

Medical Laboratory Technician Certification: MLT (ASCP) **American**

**Society for Clinical Laboratory Pathology** (ASCP) [www.ascp.org](http://www.ascp.org)

ASCP Board of Certification <https://www.ascp.org/content/board-of-certification>

#### **MLT Program Accreditation:**

National Accrediting Agency for Clinical Laboratory Science (NAACLS), [www.naacls.org](http://www.naacls.org); 5600 N River Road, Rosemont, IL 60018-5119

#### **Salary Information:**

Bureau of Labor Statistics, <http://www.bls.gov/>

Salary.com, [www.salary.com](http://www.salary.com)

#### **Job Search Information:**

Washington State Hospital Association, member listing,

<http://www.wsha.org>

Job listing: <https://www.indeed.com>

Job seeking:

<https://www.shoreline.edu/workforce/worksource/job-seekers.aspx>

## Program Information:

**Length of Program:** 114 - 117 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall Quarter for professional year

**Approximate Quarterly Costs:** \$1000

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/medical-laboratory-technology/>

Plan code: CLTMLAPT

## Program Advisor:

**Esther Lim** 206-546-6947 [elim@shoreline.edu](mailto:elim@shoreline.edu) Rm 2328

# Medical Laboratory Technology Certificate of Proficiency Planning Guide

The Medical Laboratory Technology (MLT) Certificate is designed to provide students with the knowledge and skills to work in clinical laboratories as a Medical Laboratory Technician. Upon completion of the certificate, graduates are eligible to take the national MLT certification exam. Certification is a requirement for working in the healthcare field. Shoreline Community College works with clinical affiliates, an MLT advisory committee and accreditation guidelines to make sure students receive the knowledge and skills currently in demand for employment.

## Certificate of Proficiency (68 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

## Program Prerequisites:

Students who already have an Associate degree or higher can apply for this certificate (equivalent to the 'professional year' of the Medical Laboratory Technology AAAS), provided they have completed the following courses with a grade of 2.0 or higher:

- ENGL& 101
- MATH& 146
- BIOL& 170
- BIOL& 211
- BIOL& 260
- CHEM& 121
- CHEM& 131
- MLT 181
- MLT 182
- MLT 183
- MLT 184
- A course that fulfills the Multicultural Understanding requirement

## Professional Year (68 Credits)

- MLT 221 Hematology Lecture **Units: 6**
- MLT 225 Clinical Immunology Lecture **Units: 4**
- MLT 226 Urinalysis, Body Fluids, and Coagulation Lecture **Units: 3**
- MLT 231 Hematology Laboratory **Units: 3**
- MLT 235 Clinical Immunology Laboratory **Units: 2**
- MLT 236 Urinalysis, Body Fluids, and Coagulation Laboratory **Units: 2**
- MLT 200 MLT Phlebotomy Skills Lab **Units: 1**

- MLT 222 Clinical Chemistry Lecture **Units: 6**
- MLT 224 Clinical Microbiology Lecture **Units: 5**
- MLT 232 Clinical Chemistry Lab **Units: 3**
- MLT 234 Clinical Microbiology Laboratory **Units: 3**
- MLT 132 Phlebotomy Practicum **Units: 1 \***
- MLT 241 Hematology Practicum **Units: 6**
- MLT 242 Chemistry Practicum **Units: 6**
- MLT 244 Microbiology Practicum **Units: 6**
- MLT 245 Integrated Immunohematology **Units: 1-10**

\* Variable credit course. 2 credits required for this certificate.

## Additional Information

MLT Program applications are due May 10th. Selection to the Professional year of the MLT program is based on successful completion of academic prerequisite requirements. Acceptance is limited by the number of clinical spaces for practicum training. Students accepted into the MLT program must be full time students. The MLT program application can be found at <https://www.shoreline.edu/programs/medical-laboratory-technology/apply-medical-lab-technology/documents/MLT-Application.pdf>

Required vaccinations: Hepatitis B, MMR, Tdap, influenza, and two-step TB skin tests, Varicella, and full COVID.

Required Documents: Background check, Health insurance, and AHA BLS CPR certification.

Assigned clinical training facilities may have additional student requirements.

### Professional Organizations:

American Society for Clinical Laboratory Science (ASCLS), [www.ascls.org](http://www.ascls.org)

American Society for Clinical Laboratory Science- Washington State, [www.asclswa.org](http://www.asclswa.org)

American Society for Clinical Pathology, [www.ascp.org](http://www.ascp.org)

### Certification in clinical laboratory careers:

Medical Laboratory Technician Certification: MLT (ASCP) **American Society for Clinical Laboratory Pathology** (ASCP) [www.ascp.org](http://www.ascp.org) ASCP Board of Certification <https://www.ascp.org/content/board-of-certification>

### MLT Program Accreditation:

National Accrediting Agency for Clinical Laboratory Science (NAACLS), [www.naacls.org](http://www.naacls.org); 5600 N River Road, Rosemont, IL 60018-5119

### Salary Information:

Bureau of Labor Statistics, <http://www.bls.gov/>  
Salary.com, [www.salary.com](http://www.salary.com)

**Job Search Information:**

Washington State Hospital Association, member

listing, <http://www.wsha.org>

Job listing: <https://www.indeed.com>

Job

seeking: <https://www.shoreline.edu/workforce/worksource/job-seekers.aspx>

## Program Advisor:

**Banafsheh Rassaian** 206-546-4710 [brassaian@shoreline.edu](mailto:brassaian@shoreline.edu)  
Rm 6318

## Program Information:

**Length of Program:** 68 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Fall Quarter for professional year

**Approximate Quarterly Costs:** \$1000

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/medical-laboratory-technology/>

Plan code: CLTMLC45

# Phlebotomy Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion in Phlebotomy leading to entry level positions in the Phlebotomy field. Students interested in advancement are encouraged to enroll in a longer course of study to complete an Associate in Applied Arts and Science Degree (AAAS) in Medical Laboratory Technology. Students interested in a four-year baccalaureate degree in Medical Technology should follow the Associate in Science Transfer (AS-T) planning guide.

## Certificate of Completion (10 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

## Program Prerequisites:

High school education or equivalent. Recommended placement into ENGL& 101. Students are required to submit an application. Admission to the Phlebotomy program is required to register for MLT classes.

## Program Requirements

- MLT 121 Essentials of Phlebotomy **Units: 3**
- MLT 122 Phlebotomy Laboratory Basics **Units: 3**
- MLT 132 Phlebotomy Practicum **Units: 1-4**

4 credits required.

## Recommendations:

Optional courses that may be taken to enhance knowledge and skills include:

- HIIM 134 Medical Terminology **Units: 5**
- BIOL& 170 Human Biology **Units: 5**
- BUS 108 Tech & Web Essentials **Units: 5**
- BUS 104 Human Relations in Business **Units: 5**
- BUS 105 Essentials of Human Relations **Units: 2**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Certification/WA State License Information:

Washington State MA-Phlebotomy licensure is required to work in the state. WA ST Healthcare Assistant (HCA) License:

Application packet:

<http://www.doh.wa.gov/LicensesPermitsandCertificates/ProfessionalsNewReneworUpdate/MedicalAssistant/LicenseRequirements/Phlebotomist>

You may need to copy and paste this URL to open.

American Society for Clinical Pathology (ASCP) Certification as a Phlebotomy Technician, PBT (ASCP):

<https://www.ascp.org/content/Board-of-Certification>

## Program Advisor:

**Esther Lim** 206-546-6947 [elim@shoreline.edu](mailto:elim@shoreline.edu) Rm 6318

## Program Information:

**Length of Program:** 10 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** All Quarters

**Approximate Quarterly Costs:** \$200

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/phlebotomy/>

Plan code: PHLPHC01

# Music Technology

## Audio Engineering Production, AAAS Planning Guide

The Audio Engineering Production Associate in Applied Arts and Sciences degree is designed to prepare students for careers in linear and non-linear audio applications. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Music should follow the Music Pre-Major, AA-DTA Planning Guide . Some schools accept credits from this program toward a more advanced degree.

### AAAS Degree (90 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Program Prerequisites:

There are no prerequisites to start this program. To graduate with a degree, the general education requirements include successful completion of ENGL& 101 and MUSTC 106. The prerequisite for ENGL& 101 is the completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101. The prerequisite for MUSTC 106 is the completion of MATH 98 (2.0 or better) or placement into MATH 99 or instructor permission.

### What do I need to take?

#### General Education Core Requirements - 17 Credits

##### Communication Skills (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

##### Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Units: 2**

##### Multicultural Studies (5 Credits)

Choose either CMST 203 or AES 101.

##### Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Units: 5**

### Music Tech/Music Requirements - 73 Credits

- MUSTC 100 Career Development **Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Units: 2**
- MUSTC 102 Music Business Law **Units: 2**
- MUSTC 121 First-Year Audio Recording 1 **Units: 3**
- MUSTC 122 First-Year Audio Recording 2 **Units: 3**
- MUSTC 123 First-Year Audio Recording 3 **Units: 3**
- MUSTC 131 Digital Audio Production 1 **Units: 3**
- MUSTC 132 Digital Audio Production 2 **Units: 3**
- MUSTC 133 Digital Audio Production 3 **Units: 3**
- MUSTC 135 Introduction to Live Sound Reinforcement **Units: 3**
- MUSTC 141 Tech Music Theory 1 **Units: 3**
- MUSTC 142 Tech Music Theory 2 **Units: 3**
- MUSTC 143 Tech Music Theory 3 **Units: 3**
- MUSTC 151 Introduction to Music Technology **Units: 2**
- MUSTC 191 Tech Keyboard 1 **Units: 2**
- MUSTC 192 Tech Keyboard 2 **Units: 2**
- MUSTC 193 Tech Keyboard 3 **Units: 2**
- MUSTC 221 Multitrack Music Production 1 **Units: 3**
- MUSTC 222 Multitrack Music Production 2 **Units: 3**
- MUSTC 223 Multitrack Music Production 3 **Units: 3**
- MUSTC 231 Audio Post-I Digital Music Production **Units: 3**
- MUSTC 232 Audio Post II - Digital Radio Production **Units: 3**
- MUSTC 233 Audio Post III - Digital Audio for Video **Units: 3**
- MUSTC 241 Tech Music Theory 4 **Units: 3**
- MUSTC 242 Tech Music Theory 5 **Units: 3**
- MUSTC 243 Tech Music Theory 6 **Units: 3**
- MUSTC 274 Music Technology Portfolio Development **Units: 2**

### Program Advisor:

**Matthew Jorgensen** 206-546-4687 mjorgensen@shoreline.edu  
Rm 807

### Program Information:

**Length of Program:** 90 Credits

**Completion Award:** A.A.A.S. Degree



**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUOAEAPT

# Electronic Music Production, AAAS Planning Guide

The Electronic Music Production Associate in Applied Arts and Sciences degree is designed to provide students with a practical knowledge in electronic of the broader aspects of electronic music production and digital audio, aimed at creating computer-based music and audio for a wide variety of applications. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Music should follow the Music Pre-Major, AA-DTA Planning Guide. Some schools accept credits from this program toward a more advanced degree.

## AAAS Degree (91 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

There are no prerequisites to start this program. To graduate with a degree, the general education requirements include successful completion of ENGL& 101 and MUSTC 106. The prerequisite for ENGL& 101 is the completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101. The prerequisite for MUSTC 106 is the completion of MATH 98 (2.0 or better) or placement into MATH 99 or instructor permission.

## What do I need to take?

### General Education Core Requirements - 17 Credits

#### Communication Skills (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Units: 2**

#### Multicultural Understanding (5 Credits)

Choose either CMST 203 or AES 101.

### Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Units: 5**

## Music Tech/Music Requirements - 74 Credits

- MUSTC 100 Career Development **Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Units: 2**
- MUSTC 102 Music Business Law **Units: 2**
- MUSTC 121 First-Year Audio Recording 1 **Units: 3**
- MUSTC 122 First-Year Audio Recording 2 **Units: 3**
- MUSTC 123 First-Year Audio Recording 3 **Units: 3**
- MUSC 139 Music Notation Software **Units: 2**
- MUSTC 141 Tech Music Theory 1 **Units: 3**
- MUSTC 142 Tech Music Theory 2 **Units: 3**
- MUSTC 143 Tech Music Theory 3 **Units: 3**
- MUSTC 151 Introduction to Music Technology **Units: 2**
- MUSTC 152 MIDI Sequencing I **Units: 2**
- MUSTC 153 MIDI Sequencing II **Units: 2**
- MUSTC 154 Synthesizers: Modular & FM **Units: 3**
- MUSTC 155 Synthesizers: Sampling **Units: 3**
- MUSTC 163 MIDI Drum Programming **Units: 2**
- MUSTC 180 Audio for Interactive Media - I **Units: 3**
- MUSTC 181 Audio for Interactive Media - II **Units: 3**
- MUSTC 191 Tech Keyboard 1 **Units: 2**
- MUSTC 192 Tech Keyboard 2 **Units: 2**
- MUSTC 193 Tech Keyboard 3 **Units: 2**
- MUSC 207 The Craft of Songwriting **Units: 2**
- MUSTC 241 Tech Music Theory 4 **Units: 3**
- MUSTC 242 Tech Music Theory 5 **Units: 3**
- MUSTC 243 Tech Music Theory 6 **Units: 3**
- MUSTC 271 Advanced Electronic Music Production I **Units: 3**
- MUSTC 272 Advanced Electronic Music Production II **Units: 3**
- MUSTC 273 Advanced Electronic Music Production III **Units: 3**
- MUSTC 274 Music Technology Portfolio Development **Units: 2**

## Program Advisor:

**Matthew Jorgensen** 206-546-4687 mjorgensen@shoreline.edu  
Rm 807

## Program Information:

**Length of Program:** 91 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Fall (recommended), Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUOEMAPT

# Music Business, AAAS Planning Guide

The Music Business Associate in Applied Arts and Sciences degree is designed to prepare students for careers in music business and related occupations. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Music should follow the Music Pre-Major, AA-DTA Planning Guide.

## AAAS Degree (90 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

There are no prerequisites to start this program. To graduate with a degree, the general education requirements include successful completion of ENGL& 101 and MUSTC 106. The prerequisite for ENGL& 101 is the completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101. The prerequisite for MUSTC 106 is the completion of MATH 98 (2.0 or better) or placement into MATH 99 or instructor permission.

## What do I need to take?

### General Education Core Requirements - 17 Credits

#### Communication Skills (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Units: 2**

#### Multicultural Studies (5 Credits)

Choose either CMST 203 or AES 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Units: 5**

## Music Tech Requirements - 26 Credits

- MUSTC 100 Career Development **Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Units: 2**
- MUSTC 102 Music Business Law **Units: 2**
- MUSTC 141 Tech Music Theory 1 **Units: 3**
- MUSTC 142 Tech Music Theory 2 **Units: 3**
- MUSTC 143 Tech Music Theory 3 **Units: 3**
- MUSTC 191 Tech Keyboard 1 **Units: 2**
- MUSTC 192 Tech Keyboard 2 **Units: 2**
- MUSTC 200 Navigating the New Music Business **Units: 3**
- MUSTC 201 Masters and Mentors **Units: 2**
- MUSTC 274 Music Technology Portfolio Development **Units: 2**

## Business Requirements - 30 Credits

- ACCT 170 Federal Income Tax Individuals/Small Business **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 248 Digital Marketing **Units: 5**
- BUS 270 Entrepreneurship- Starting a New Business **Units: 5**
- BUS 108 Tech & Web Essentials **Units: 5**
- BTWRT 215 Business Communications **Units: 5**

## Electives - 17 Credits

Select from Business and/or Music Technology, Music courses.

## Program Advisor:

**Jeffrey Kashiwa** 206-533-6770 jkashiwa@shoreline.edu Rm 808

## Program Information:

**Length of Program:** 90 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Fall (recommended), Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUMMBAPT

# Music Performance, AAAS Planning Guide

The Performance Associate in Applied Arts and Sciences degree is designed to prepare students for careers in music performance and related occupations. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Music should follow the Music AA-DTA transfer degree planning guide.

## AAAS Degree (90 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

There are no prerequisites to start this program. To graduate with a degree, the general education requirements include successful completion of ENGL& 101 and MUSTC 106. The prerequisite for ENGL& 101 is the completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101. The prerequisite for MUSTC 106 is the completion of MATH 98 (2.0 or better) or placement into MATH 99 or instructor permission.

## What do I need to take?

### General Education Core Requirements - 17 Credits

#### Communication Skills (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Units: 2**

#### Multicultural Understanding (5 Credits)

Choose one of the following courses: HUM 105, CMST 203, AES 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Units: 5**

## Music Tech Requirements - 43 Credits

- MUSTC 100 Career Development **Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Units: 2**
- MUSTC 102 Music Business Law **Units: 2**
- MUSTC 135 Introduction to Live Sound Reinforcement **Units: 3**
- MUSC 133 Performance Techniques **Units: 2**
- MUSTC 141 Tech Music Theory 1 **Units: 3**
- MUSTC 142 Tech Music Theory 2 **Units: 3**
- MUSTC 143 Tech Music Theory 3 **Units: 3**
- MUSTC 151 Introduction to Music Technology **Units: 2**
- MUSTC 152 MIDI Sequencing I **Units: 2**
- MUSTC 191 Tech Keyboard 1 **Units: 2**
- MUSTC 192 Tech Keyboard 2 **Units: 2**
- MUSTC 200 Navigating the New Music Business **Units: 3**
- MUSTC 241 Tech Music Theory 4 **Units: 3**
- MUSTC 242 Tech Music Theory 5 **Units: 3**
- MUSTC 243 Tech Music Theory 6 **Units: 3**
- MUSTC 274 Music Technology Portfolio Development **Units: 2**

## Applied Lessons Requirements - Minimum of 6 credits

\*2 credits required, Instructor approval required for registration.

- MUSC 196 Individual Instruction Instrumental **Units: 1**
- MUSC 296 Private Instruction Instrumental **Units: 1 \***

## Ensemble Performance Requirements - Minimum of 16 Credits

Choose from the courses below - minimum of 6 credits must be in the Large Ensemble Performance category. Courses may be repeated for credit.

### Large Ensemble Performance

- MUSC 135 Shoreline Singers **Units: 2**
- MUSC 136 Jazz Ensemble **Units: 1**
- MUSC 140 Concert Band **Units: 2**
- MUSC 144 Funk & Groove **Units: 2**
- MUSC 146 Orchestra **Units: 2**
- MUSC 175 Chamber Chorale **Units: 1**

## Small Ensemble Performance

Variable credit, students may choose up to 4 ensembles each quarter.

- Americana/Bluegrass Ensemble **Credits: 1**
- Brass Ensemble **Credits: 1**
- Flute Ensemble **Credits: 1**
- Guitar Ensemble **Credits: 1**
- Percussion Ensemble **Credits: 1**
- Repertoire Jazz Ensemble **Credits: 1**
- Saxophone Ensemble **Credits: 1**
- String Ensemble **Credits: 1**
- Vocal Ensemble **Credits: 1**
- Woodwind Ensemble **Credits: 1**

## Music Tech/Music Electives - 8 Credits

Choose from the recommended electives listed below, other electives as approved by program advisor.

- MUSC& 105 Music Appreciation **Units: 5**
- MUSC 109 American Popular Music **Units: 5**
- MUSC 139 Music Notation Software **Units: 2**
- MUSTC 201 Masters and Mentors **Units: 2**
- MUSC 206 Jazz History **Units: 5**
- MUSC 207 The Craft of Songwriting **Units: 2**
- MUSC 210 Songwriting Workshop **Units: 2**

## Program Advisor:

Jeffrey Kashiwa 206-533-6770 jkashiwa@shoreline.edu Rm 808

## Program Information:

**Length of Program:** 90 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall (recommended), Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUMMPAPT

# Foundations of Digital Audio - Pro Tools Certificate of Completion Planning Guide

Students study and learn the digital audio capabilities of Avid's Pro Tools software and related hardware.

## Certificate of Completion (9 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Requirements

- MUSTC 131 Digital Audio Production 1 **Units: 3**
- MUSTC 132 Digital Audio Production 2 **Units: 3**
- MUSTC 133 Digital Audio Production 3 **Units: 3**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Matthew Jorgensen** 206-546-4687 [mjorgensen@shoreline.edu](mailto:mjorgensen@shoreline.edu)  
Rm 807

## Program Information:

**Length of Program:** 9 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall

**Approximate Quarterly Costs:** \$85-\$135

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUOFDC01

# Foundations of Electronic Music Certificate of Completion Planning Guide

This certificate provides core concepts and skills necessary for the production of electronic music. It provides students the groundwork for continued study and access to the industry.

## Certificate of Completion (14 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Requirements

Students should be competent in their chosen Digital Audio Workstation (DAW) as well as a basic understanding of music theory (major and minor scales, triads, etc).

For students studying online, a Mac or PC computer is required along with broadband internet access.

- MUSTC 151 Introduction to Music Technology **Units: 2**
- MUSTC 152 MIDI Sequencing I **Units: 2**
- MUSTC 153 MIDI Sequencing II **Units: 2**
- MUSTC 154 Synthesizers: Modular & FM **Units: 3**
- MUSTC 155 Synthesizers: Sampling **Units: 3**
- MUSTC 163 MIDI Drum Programming **Units: 2**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

**Matthew Jorgensen** 206-546-4687 [mjorgensen@shoreline.edu](mailto:mjorgensen@shoreline.edu)  
Rm 807

## Program Information:

**Length of Program:** 14 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUOFEC01

# Foundations of Multi-Track Recording Certificate of Completion Planning Guide

The Certificate of Completion in the Foundations of Multi-track Recording provides students with the skills necessary to produce a modern multi-track recording.

## Certificate of Completion (18 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Requirements

- MUSTC 121 First-Year Audio Recording 1 **Units: 3**
- MUSTC 122 First-Year Audio Recording 2 **Units: 3**
- MUSTC 123 First-Year Audio Recording 3 **Units: 3**
- MUSTC 221 Multitrack Music Production 1 **Units: 3**
- MUSTC 222 Multitrack Music Production 2 **Units: 3**
- MUSTC 223 Multitrack Music Production 3 **Units: 3**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

**Matthew Jorgensen** 206-546-4687 [mjorgensen@shoreline.edu](mailto:mjorgensen@shoreline.edu)  
Rm 807

## Program Information:

**Length of Program:** 18 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall

**Approximate Quarterly Costs:** \$85-\$135

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUOFMC01



# Foundations of Music Business Certificate of Completion Planning Guide

The Certificate of Completion in the Foundations of Music Business provides students with an introduction to the skills and pathways necessary to promote and sell musical commodities.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Requirements

- MUSTC 100 Career Development **Units: 2**
- MUSC 207 The Craft of Songwriting **Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Units: 2**
- MUSC 210 Songwriting Workshop **Units: 2**
- MUSTC 102 Music Business Law **Units: 2**
- MUSTC 201 Masters and Mentors **Units: 2**
- MUSTC 200 Navigating the New Music Business **Units: 3**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

**Jeffrey Kashiwa** 206-533-6770 [jkashiwa@shoreline.edu](mailto:jkashiwa@shoreline.edu) Rm 808  
**Sue Ennis** 206-533-6607 [sennis@shoreline.edu](mailto:sennis@shoreline.edu) Rm 811

## Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25 - \$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUMFMC01

# Logic: Digital Audio Certificate of Completion Planning Guide

Students study and learn the digital audio capabilities of Apple's Logic software application and associated hardware.

Students successfully completing this Certification Series are qualified to compose, Logic. Examples include music, sound design for audio books, computer applications and games, as well as radio and television commercials and feature length (and smaller) films and videos.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

There are no prerequisites for this program; however, the series of classes must be taken sequentially. Prerequisites for ALL music theory and 200 level classes each require a 2.0 grade or instructor permission.

## Program Requirements

- MUSTC 171 Dig. Audio Workstation I: Musical Digital Audio **Units: 5**
- MUSTC 172 Dig. Audio Workstation II: Static Sound Design **Units: 5**
- MUSTC 173 Dig Audio Workstn III Film/Video Post Production **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Matthew Jorgensen** 206-546-4687 [mjorgensen@shoreline.edu](mailto:mjorgensen@shoreline.edu)  
Rm 807

## Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Summer

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/music-technology/>

Plan code: MUODAC01

# Nursing

## Nursing - 10 Quarter Option, AAS-T Planning Guide

The Associate in Applied Sciences-Transfer degree in Nursing is designed to prepare students for careers in public and private health care sectors. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field.

Students interested in pursuing a four-year baccalaureate degree in Nursing may apply for a RN to BSN program after completion of the AAS-T degree. Shoreline Community College has articulation agreements with University of Washington Bothell and Olympic College. Other colleges in the area have such programs as well.

### AAS-T Degree (10 Quarter Option)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

In this program, you will earn an Associate in Applied Science-Transfer (AAS-T) degree. The AAS-T degree indicator, which will appear on your transcript, will enable you to transfer this degree directly to some four-year institutions. Please check with your program advisor for more specific information.

### Program Prerequisites:

- Earned grades of at least 2.0 in college level required non-nursing courses
- NLN-PAX placement test score minimum of 103 taken no more than one year prior to the first day of the application period
- BIOL& 211 (required if taking biology courses at Shoreline)
- CHEM& 121\* (General Chemistry) - 5 credits, completed within 10 years of application to the program
- ENGL& 101\* (English Composition) - 5 credits
- BIOL& 241\* (Anatomy & Physiology I) - 5 credits, completed within 5 years of application to the program
- BIOL& 242\* (Anatomy & Physiology II) - 5 credits, completed within 5 years of application to the program
- BIOL& 260 (Microbiology) - 5 credits, completed within 5 years of application to the program
- NUTR& 101 (Human Nutrition) - 5 credits, must be completed before entering the Nursing Program
- PSYC& 200 (Lifespan Development) - 5 credits
- MATH& 146\* (Statistics) - 5 Credits

\* These courses must be completed prior to applying to the Nursing Program.

A separate competitive admission process is required. See the nursing website (<http://www.shoreline.edu/nursing>) for a description.

## 10 Quarter Option Requirements (69 Credits)

### First Quarter

- NURS 100 Medical Math for Nursing Students **Units: 0.5**
- NURSE 102 Cultivation of Care for the Nurse Seminar **Units: 1**
- NURSE 121 Communication in Nursing - 10 Qtr **Units: 3**
- NURSE 131 Communication Skills Lab - 10 Qtr **Units: 1**

Optional course:

- NURSE 101 Success Strategies for Nursing Students Seminar **Units: .5**

### Second Quarter

- NURSE 122 Found. of Nursing Practice - 10 Qtr **Units: 3**
- NURSE 132 Skills Practice Lab - 10 Qtr **Units: 1**
- NURSE 142 Nursing Foundations Practicum - 10 Qtr **Units: 4** (in care setting)

### Third Quarter

- NURSE 112 Critical Thinking in the Nsg Process - 10 Qtr **Units: 1**
- NURSE 123 Nsg Practice & Common Health Disturbances-10-Qtr **Units: 7** (includes practicum in care setting)

### Fourth Quarter

- NURSE 124 Nsg Prac & Complex Health Disturbances I - 10-Qtr **Units: 1.5** (includes practicum in care setting)
- NURSE 134 Nsg Prac & Complex Health Disturbances I Practicum-10-Qtr **Units: 6**

### Fifth Quarter

- NURSE 103 Finding Your Career-Centered Passion Seminar **Units: .5**
- NURSE 125 Nsg Prac & Complex Health Disturbances II-10-Qtr **Units: 6**

## Sixth Quarter

- NURSE 221 Nsg Pract & Complex Health Disturb III - 10-Qtr **Units: 3**
- NURSE 231 Complex Health Disturbances Practicum I-10-Qtr **Units: 6.5** (in care setting)

## Seventh Quarter

- NURSE 204 Fostering a Culture of Physical & Psychological Safety in Healthcare Seminar **Units: 0.5**
- NURSE 223 Nursing Prac & the Childbearing Family - 10-Qtr **Units: 3**
- NURSE 242 Nsg Pract and Psychsocial Disturbance - 10-Qtr **Units: 2.5**
- NURSE 243 Psychsocial Disturbances Practicum - 10-Qtr **Units: 2.5** (in care setting)

## Eighth Quarter

- NURSE 222 Nursing Practice and Health Promotion - 10-Qtr **Units: 3.5**
- NURSE 232 Nursing and Health Promotion Practicum - 10-Qtr **Units: 1.5**
- NURSE 233 Nursing and Childbearing Family Practicum-10-Qtr **Units: 3** (in care setting)

## Ninth Quarter

- NURSE 205 Nursing Career Interviewing Seminar **Units: 0.5**
- NURSE 225 Nursing Prac & Complex Health Disturb IV-10-Qtr **Units: 3**
- NURSE 235 Complex Health Disturbances Practicum II - 10-Qtr **Units: 4** (in care setting)

## Tenth Quarter

- NURSE 206 Transition to Nursing Practice **Units: 0.5**
- NURS 216 Leadership in Nursing **Units: 0.5**
- NURSE 224 Mngng Nsg Care in the Health Care System-10-Qtr **Units: 4**

## Program Information:

**Length of Program:** 114 Credits

**Completion Award:** AAS-T Degree

**Approximate Quarterly Costs:**

Additional Instructional Fees \$38-\$75

Lab Fee Per Quarter \$37.70

Degree Lab Fees Per Quarter (1st Year) \$31.45

Liability Insurance Per Quarter \$6.25

Personal Health Insurance Required Per Quarter: Cost varies  
(in addition to tuition, books and parking)

**Website:** <http://shoreline.edu/programs/nursing/>

Plan code: RENNUAAS

## Associate Dean of Nursing:

LeAnn DeLuna [ldeluna@shoreline.ed](mailto:ldeluna@shoreline.ed)

# Nursing - 6 Quarter Option, AAS-T Planning Guide

The Associate in Applied Sciences-Transfer degree in Nursing is designed to prepare students for careers in public and private health care sectors. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field.

Students interested in pursuing a four-year baccalaureate degree in Nursing may apply for a RN to BSN program after completion of the AAS-T degree. Shoreline Community College has articulation agreements with University of Washington Bothell and Olympic College. Other colleges in the area have such programs as well.

## AAS-T Degree (6 Quarter Option)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

In this program, you will earn an Associate in Applied Science-Transfer (AAS-T) degree. The AAS-T degree indicator, which will appear on your transcript, will enable you to transfer this degree directly to some four-year institutions. Please check with your program advisor for more specific information.

## Program Prerequisites

- Earned grades of at least 2.0 in college level required non-nursing courses
- Minimum NLN-PAX placement test score of 103, taken no more than one year prior to the first day of the application period
- BIOL& 211 (Majors Cellular: Biology) (required if taking biology courses at Shoreline) - 5 credits
- CHEM& 121 (Intro to Chemistry) \* - 5 credits, completed within 10 years of application to the program
- ENGL& 101 (English Composition I) \* - 5 credits
- BIOL& 241 (Human Anatomy & Physiology I) \* - 5 credits, completed within 10 years of application to the program
- BIOL& 242 (Human Anatomy and Physiology II) \* - 5 credits, completed within 10 years of application to the program
- BIOL& 260 (Microbiology) - 5 credits, completed within 10 years of application to the program
- NUTR& 101 (Nutrition)\* - 5 credits, must be completed before entering the Nursing Program
- PSYC& 200 (Lifespan Psychology)\* - 5 credits
- MATH& 146 (Introduction to Stats)\* - 5 Credits

\* These courses must be completed prior to applying to the Nursing Program.

A separate competitive admission process is required. See the nursing website (<http://www.shoreline.edu/nursing>) for a description.

## 6-Quarter Option Requirements (73 Credits)

### First Quarter

- NURS 100 Medical Math for Nursing Students **Units: 0.5**
- NURS 121 Communication in Nursing **Units: 3**
- NURS 131 Skills Practice Laboratory for Communication **Units: 1**
- NURS 141 Foundations of Nursing Practice **Units: 3**
- NURS 151 Nursing Foundations Practicum **Units: 4** (in care setting)
- NURS 161 Skills Practice Laboratory I **Units: 1**

### Second Quarter

- NURS 102 Cultivation of Care for the Nurse Seminar **Units: 1**
- NURS 112 Critical Thinking in the Nursing Process **Units: 1**
- NURS 142 Nursing Practice and Common Health Disturbances **Units: 5**
- NURS 152 Common Health Disturbances Practicum **Units: 4** (in care setting)
- NURS 162 Skills Practice Laboratory II **Units: 1**

### Third Quarter

- NURS 103 Finding Your Career-Centered Passion Seminar **Units: .5**
- NURS 143 Nursing Practice & Complex Health Disturbances I **Units: 6**
- NURS 153 Complex Health Disturbances I Practicum **Units: 4.5** (in care setting)
- NURS 163 Skills Practice Laboratory III **Units: 1**

### Fourth Quarter

- NURS 204 Fostering a Culture of Physical & Psychological Safety in Healthcare Seminar **Units: .5**
- NURS 221 Nurs Practice and Complex Health Disturbances II **Units: 3**
- NURS 231 Complex Health Disturbances II Practicum **Units: 4** (in care setting)
- NURS 241 Nursing Practice and Psychosocial Disturbance **Units: 2.5**
- NURS 251 Psychosocial Disturbance Practicum **Units: 2.5** (in care setting)

## Fifth Quarter

- NURS 205 Nursing Career Interviewing Seminar **Units: .5**
- NURS 222 Nursing Practice and the Childbearing Family **Units: 3.5**
- NURS 232 Nursing and Childbearing Family Practicum **Units: 3** (in care setting)
- NURS 242 Nursing Practice and Health Promotion **Units: 3.5**
- NURS 252 Nursing and Health Promotion Practicum **Units: 1.5** (in care setting)

## Sixth Quarter

- NURS 206 Transition to Practice Seminar **Units: .5**
- NURS 223 Nurs Practice & Complex Health Disturbances III **Units: 3**
- NURS 233 Complex Health Disturbances III Practicum **Units: 4** (in care setting)
- NURS 243 Managing Nursing Care in the Health Care System **Units: 4**

## Associate Dean of Nursing:

**LeAnn DeLuna** ldeluna@shoreline.ed

## Program Information:

**Length of Program:** 118 Credits

**Completion Award:** AAS-T Degree

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:**

Additional Instructional Fees \$38-\$75

Lab Fee Per Quarter \$37.70

Degree Lab Fees Per Quarter (1st Year) \$31.45

Liability Insurance Per Quarter \$6.25

Personal Health Insurance Required Per Quarter: cost varies

*(in addition to tuition, books, and parking)*

**Website:** <http://shoreline.edu/programs/nursing>

Plan code: RENNUAAS

# Nursing - LPN to RN Advanced Placement Option, AAS-T Planning Guide

The Associate in Applied Sciences-Transfer degree in Nursing is designed to prepare students for careers in public and private health care sectors. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field.

Students interested in pursuing a four-year baccalaureate degree in Nursing may apply for a RN to BSN program after completion of the AAS-T degree. Shoreline Community College has articulation agreements with University of Washington Bothell and Olympic College. Other colleges in the area have such programs as well.

## AAS-T Degree (LPN to RN Advanced Placement)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

In this program, you will earn an Associate in Applied Science–Transfer (AAS-T) degree. The AAS-T degree indicator, which will appear on your transcript, will enable you to transfer this degree directly to some four-year institutions. Please check with your program advisor for more specific information.

## Program Prerequisites:

- Earned grades of at least 2.0 in college level required non-nursing courses
- BIOL& 211 (Majors Cellular: Biology) (required if taking biology courses at Shoreline) - 5 credits
- CHEM& 121 (Intro to Chemistry)\* - 5 credits
- ENGL& 101 (English Composition I)\* - 5 credits
- BIOL& 241 (Human Anatomy & Physiology I)\* - 5 credits
- BIOL& 242 (Human Anatomy and Physiology II)\* - 5 credits
- BIOL& 260 (Microbiology) - 5 credits
- NUTR& 101 (Nutrition)\* - 5 credits
- PSYC& 200 (Lifespan Psychology)\* - 5 credits
- MATH& 146 (Introduction to Stats)\* - 5 credits

\*These courses must be completed prior to applying to the Nursing Program.

**A separate competitive admission process is required. See the nursing website (<http://www.shoreline.edu/nursing>) for a description.**

# LPN to RN Advanced Placement Option Requirements (47.5 - 48 Credits)

## First Quarter

- NURS 100 Medical Math for Nursing Students **Units: 0.5**
- NURS 112 Critical Thinking in the Nursing Process **Units: 1**
- NURS 121 Communication in Nursing **Units: 3**
- NURS 131 Skills Practice Laboratory for Communication **Units: 1**
- NURS 143 Nursing Practice & Complex Health Disturbances I **Units: 6**
- NURS 163 Skills Practice Laboratory III **Units: 1**

Optional courses:

- NURS 101 Success Strategies for Nursing Students Seminar **Units: 0.5**
- NURS 102 Cultivation of Care for the Nurse Seminar **Units: 1**
- NURS 103 Finding Your Career-Centered Passion Seminar **Units: .5**

## Second Quarter

- NURS 204 Fostering a Culture of Physical & Psychological Safety in Healthcare Seminar **Units: .5**
- NURS 221 Nurs Practice and Complex Health Disturbances II **Units: 3**
- NURS 231 Complex Health Disturbances II Practicum **Units: 4** (in care setting)
- NURS 241 Nursing Practice and Psychosocial Disturbance **Units: 2.5**
- NURS 251 Psychosocial Disturbance Practicum **Units: 2.5** (in care setting)

## Third Quarter

- NURS 205 Nursing Career Interviewing Seminar **Units: .5**
- NURS 222 Nursing Practice and the Childbearing Family **Units: 3.5**
- NURS 232 Nursing and Childbearing Family Practicum **Units: 3** (in care setting)
- NURS 242 Nursing Practice and Health Promotion **Units: 3.5**
- NURS 252 Nursing and Health Promotion Practicum **Units: 1.5** (in care setting)

## Fourth Quarter

- NURS 206 Transition to Practice Seminar **Units: .5**
- NURS 223 Nurs Practice & Complex Health Disturbances III **Units: 3**
- NURS 233 Complex Health Disturbances III Practicum **Units: 4** (in care setting)
- NURS 243 Managing Nursing Care in the Health Care System **Units: 4**

## Associate Dean of Nursing:

LeAnn DeLuna [ldeluna@shoreline.edu](mailto:ldeluna@shoreline.edu)

# Program Information:

**Length of Program:** 92.5-93 Credits

**Completion Award:** AAS-T Degree

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:**

Additional Instructional Fees: \$38-\$75

Lab Fee Per Quarter: \$37.70

Degree Lab Fees Per Quarter (1st Year) \$31-\$45

Liability Insurance Per Quarter: \$6.25

Personal Health Insurance Required Per Quarter: cost varies

*(in addition to tuition, books, and parking)*

**Website:** <http://shoreline.edu/programs/nursing/>

Plan code: RENNUAAS



# Nursing Assistant Certified Certificate of Completion Planning Guide

Shoreline Community College offers a one-quarter Nursing Assistant Certified (NAC) certificate of completion to prepare students to take the State CNA exam. The program is approved by the Washington State Nursing Commission as a recognized training program. Students are introduced to nursing theory, master NAC skills in a skills lab, and complete a practicum in a clinical setting. Students explore job search skills and learn about healthcare career options.

## Certificate of Completion (16 - 18 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of Pass/2.0 or better for each individual course in the program required.**

## Program Prerequisites:

Acceptance into the NAC Program. Successful completion of criminal background check (required by healthcare providers), proof of health insurance and immunizations.

For NAC 105 student must meet **one** of the following prerequisites:

- Placement into MATH& 141
- Completion with 2.0 or higher of ENGL& 101
- Completion with 2.0 or higher of BIOL& 231, BIOL& 241, or equivalent
- Completion with 2.0 or higher of other online/hybrid college level course

For NAC 103 student must meet **all** of the following prerequisites:

- CASAS test score of at least 220 in reading
- CASAS test score of at least 210 in math
- Shoreline English language learners should complete ESL Level 5

## Program Requirements (16 - 18 Credits)

- NAC 105 Nursing Assistant (NAC) Theory and Skills Lab **Units: 13**  
PLUS
- NAC 104 Nursing Assistant Clinical Experience **Units: 3**  
-OR-
- NAC 103 Nursing Assistant (NAC) Theory and Skills Lab **Units: 13**  
PLUS
- ABE 82 Special Topics in Adult Basic Education **Units: 1**  
PLUS
- NAC 104 Nursing Assistant Clinical Experience **Units: 3**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Where can I go for help?

### Program Advisor:

**Lori Cronin** 206-546-4707 [lcronin@shoreline.edu](mailto:lcronin@shoreline.edu) Rm 2332

### I-BEST Program Specialist

**Mary Lockman** 206-546-6930 [mlockman@shoreline.edu](mailto:mlockman@shoreline.edu)

## Program Information:

**Length of Program:** 16 - 18 credits

**Completion Award:** Certificate of Completion

**Enrollment:** Summer, Fall, Winter, Spring

**Approximate Quarterly Costs:** \$0-\$35 (*in addition to tuition, fees, books and parking*)

**Website:** <http://shoreline.edu/programs/nursing-assistant-certified/>

Plan code: NAANBC01

# Performance Arts/Digital Filmmaking

## Digital Film Production, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree in Digital Film Production is designed to introduce students to the filmmaking process. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree should follow the Cinema AA-DTA transfer degree planning guide.

### AAAS Degree (92-96 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

#### Notes

- Higher level math courses may also satisfy the Math requirement.
- Students who plan to transfer to a four-year university should have taken a year of college-level foreign language or have taken at least three years of high school language before they transfer.

### Program Prerequisites:

Students must satisfy prerequisites or place appropriately before taking a Quantitative/Symbolic Reasoning class. Higher level math courses may also satisfy the Math requirement. VCT 124 & VCT 125 are required for any student who cannot pass the Mac proficiency test. VCT 124 & VCT 125 may apply as "non-cinema electives." FILM 290 is a variable-credit course; you must take a minimum of two credits before completing this degree.

### What do I need to take?

#### General Education Requirements - 20 Credits

##### Communication Skills (10 Credits)

- ENGL& 101 English Composition I **Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Units: 5**

##### Quantitative/Symbolic Reasoning (5 Credits)

Choose either MATH& 107 or PHIL& 120.

##### Multicultural Understanding (5 Credits)

Choose either GWS 284 or HUM 105.

#### Foundation Requirements - 58-62 Credits

- ART 246 Documentary Photography **Units: 5**
- CINEM 201 Introduction to Cinema History **Units: 5**
- CMST& 102 Introduction to Mass Media **Units: 5**
- CMST 203 Communication for Social Change **Units: 5**
- DRMA 156 Acting, Writing, Directing for the Camera I **Units: 5**
- DRMA 155 Acting for Television and Film **Units: 3**
- FILM 210 Producing and Marketing for Independent Film **Units: 5**
- FILM 256 Video Production I **Units: 5**
- FILM 257 Video Production II **Units: 5**
- FILM 265 Editing I **Units: 5**
- FILM 285 Screenwriting **Units: 5**
- FILM 290 Industry Experience in Film **Units: 1**
- MUSTC 102 Music Business Law **Units: 2**
- VCT 268 Editing Software Lab **Units: 3**

#### Electives - 14-15 Credits

Choose 3 courses from the following list: DRMA 144, DRMA 157, FILM 258, FILM 287, MUSTC 173, VCT 135, VCT 136, VCT 278

### Program Advisor:

**Tony Doupe** 206-546-5829 tdoupe@shoreline.edu Rm 4108

**Dyugu Monson** 206 546 4640 dmonson@shoreline.edu Rm 4109

**Alicia Zweifach** 206-533-6639 azweifac@shoreline.edu Rm 5324

### Program Information:

**Length of Program:** 93-97 Credits

**Completion Award:** A.A.A.S.

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$100-\$150

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/performance-arts-and-digital-filmmaking/>

Plan code: PVTDIAAS

# Acting for Stage and Camera Certificate of Proficiency Planning Guide

The Acting for Stage & Camera Certificate of Proficiency is a professional training program in the basic skills of auditioning and acting in theater, films, TV and other media. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree should follow the Cinema, Film and Media Studies Pre-Major, AA-DTA Planning Guide or Drama/Theatre Arts Pre-Major, AA-DTA Planning Guide.

## Certificate of Proficiency (63-74 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## What do I need to take?

### General Education Core Requirements (12-15 Credits)

#### Communication (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or MATH& 107.

#### Human Relations (2-5 Credits)

Choose either BUS 105 or CMST& 101.

## Core Requirements (46 - 51 Credits)

- CINEM 201 Introduction to Cinema History **Units: 5**
- DRMA& 101 Introduction to Theatre **Units: 5**
- DRMA 144 Acting 1 **Units: 5**
- DRMA 145 Acting 2 **Units: 5**
- DRMA 146 Acting 3 **Units: 5**
- DRMA 155 Acting for Television and Film **Units: 3**
- DRMA 156 Acting, Writing, Directing for the Camera I **Units: 5**
- DRMA 157 Acting, Writing, Directing for the Camera 2 **Units: 5**
- DRMA 224 Theater Career Planning and Auditioning **Units: 2**
- DRMA 255 Directing **Units: 5**

### 1-6 credits from the following:

- DRMA 235 Experimental Theater: Student Directed **Units: 1**
- DRMA 207 Theatrical Production **Units: 1**
- DRMA 208 Theatrical Production **Units: 2**
- DRMA 209 Theatrical Production **Units: 3**

## Electives (5 - 8 Credits)

Choose 5-8 credits from courses below.

- VCT 268 Editing Software Lab **Units: 3**
- DRMA 225 Improvisational Theater **Units: 3**
- MUSC 167 Voice-Dance Performance Techniques 1 **Units: 2**
- MUSC 161 Class Voice Instruction - Beginning **Units: 2**
- CMST 140 The Art of Storytelling **Units: 5**
- CMST 203 Communication for Social Change **Units: 5**

## Program Advisor:

**Tony Doupe** 206-546-5829 [tdoupe@shoreline.edu](mailto:tdoupe@shoreline.edu) Rm 4108

## Program Information:

**Length of Program:** 63-74 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$35-\$40

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/performance-arts-and-digital-filmmaking/>

Plan code: PVTASC45

# Writing and Directing for the Camera Certificate of Proficiency Planning Guide

The Writing and Directing for the Camera Certificate of Proficiency prepares students to direct and write for films, TV, and other digital video programs. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree should follow the Cinema, Film and Media Studies Pre-Major, AA-DTA Planning Guide.

## Certificate of Proficiency (65-76 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Minimum grade of 1.0 in each course, and overall GPA of 2.0 or better required.**

## What do I need to take?

### General Education Core Requirements - 12-15 Credits

#### Communication (5 Credits)

- ENGL& 101 English Composition I **Units: 5**

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or MATH& 107.

#### Human Relations (2-5 Credits)

Choose either BUS 105 or CMST& 101.

## Foundation Core Requirements - 46-51 Credits

- CINEM 201 Introduction to Cinema History **Units: 5**
- DRMA& 101 Introduction to Theatre **Units: 5**
- DRMA 144 Acting 1 **Units: 5**  
or
- DRMA 145 Acting 2 **Units: 5**  
or
- DRMA 146 Acting 3 **Units: 5**
- DRMA 155 Acting for Television and Film **Units: 3**
- DRMA 156 Acting, Writing, Directing for the Camera I **Units: 5**
- DRMA 157 Acting, Writing, Directing for the Camera 2 **Units: 5**
- DRMA 235 Experimental Theater: Student Directed **Units: 1 (5)**  
and/or Select 1-6 Credits:
- DRMA 207 Theatrical Production **Units: 1**
- DRMA 208 Theatrical Production **Units: 2**
- DRMA 209 Theatrical Production **Units: 3**
- DRMA 224 Theater Career Planning and Auditioning **Units: 2**
- DRMA 255 Directing **Units: 5**
- DRMA 295 Special Topics in Drama **Units: 5**
- FILM 285 Screenwriting **Units: 5**

## Electives

Students will choose 7-10 Credits from below.

- DRMA 144 Acting 1 **Units: 5**  
or
- DRMA 145 Acting 2 **Units: 5**
- DRMA 224 Theater Career Planning and Auditioning **Units: 2**
- DRMA 225 Improvisational Theater **Units: 3**
- ART 144 Photography 1 **Units: 5**
- Survey of Western Art: (Choose One)
- ARTH 224 Survey of Western Art: Ancient **Units: 5**
- ARTH 225 Survey of Art: Renaissance - 19th ct **Units: 5**
- ARTH 225 Survey of Art: Renaissance - 19th ct **Credits: 5**
- FILM 255 Basic Video Production **Units: 3**
- FILM 257 Video Production II **Units: 5**
- VCT 268 Editing Software Lab **Units: 3**
- ENGL& 111 Introduction to Literature **Units: 5**
- ENGL& 227 British Literature II **Units: 5**
- ENGL& 246 American Literature III **Units: 5**
- ENGL 281 Beginning Short Story Writing I **Units: 5**

## Program Advisor:

Tony Doupe 206-546-5829 tdoupe@shoreline.edu Rm 4108

## Program Information:

**Length of Program:** 67-73 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$35-\$75

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/performance-arts-and-digital-filmmaking/>

Plan code: PVTWDC45

# Purchasing and Supply Chain Management

## Purchasing and Supply Chain Management, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree in Purchasing and Supply Chain Management is designed to provide students with the knowledge and skills to enter the supply chain workforce directly upon completion of the program. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

### AAAS Degree (93-96 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or higher in each business course, and an overall GPA of 2.0 or higher required.**

#### Additional Information

The Purchasing and Supply Chain Management program is unique and highly regarded and designed both for those entering the field and professionals seeking to upgrade their skills.

#### Professional Organizations

Institute for Supply Management, INC. (ISM) - <http://www.ism.ws/>

National Association of Educational Procurement (NAEP) - <http://www.naepnet.org/>

International Society of Logistics (SOLE) - <http://www.sole.org/>

National Institute of Governmental Purchasing (NIGP) -

<http://www.nigp.org/>

National Contract Management Association (NCMA) -

<http://www.ncmahq.org/>

APICS: The Association for Operations Management -

<http://www.apics.org/>

Council of Supply Chain Management Professionals -

<http://cscmp.org/>

### Program Prerequisites:

ENGL 99 or placement into ENGL& 101. Placement into MATH 99.

## What do I need to take?

### General Education Core Requirements - 18-20 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101. (Note: ENGL& 101 required for Central Washington University's BAS-ITAM Degree.)

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose either MATH& 146 or MATH 211.

#### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: BUS 103, CMST 203, GWS 284, HIST 245, AES 101.

#### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

### Purchasing Core Requirements - 61 Credits

- ACCT& 201 Principles of Accounting I **Units: 5**
- ACCT& 202 Principles of Accounting II **Units: 5**
- ACCT& 203 Principles of Accounting III **Units: 5**
- BUS& 101 Introduction to Business **Units: 5**
- BUS 141 Purchasing & Supply Management Fundamentals **Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Units: 5**
- BUS 143 Materials Management **Units: 4**
- BUS 144 Logistics and Transportation Fundamentals **Units: 3**
- BUS& 201 Business Law **Units: 5**
- BUS 203 Contract Management **Units: 4**
- BUS 215 Introduction to International Business **Units: 5**
- BUS 245 eProcurement **Units: 5**
  
- ECON& 201 Micro Economics **Units: 5**  
or
- ECON 100 Survey of Economic Principles **Units: 5**

## Electives - 10-15 Credits to reach 90 Credits

Choose from the following courses: BUS 102, BUS 120, BUS 180, BUS 217, BUS 218, BUS 219, BUS 240, BUS 250, BUS 270, BTWRT 115, CMST& 101, ECON& 202, ENGL& 102, MATH 111, MATH& 146, PHIL& 120\*.

\*Required for Central Washington University's BAS-ITAM Degree.

## Program Advisor:

**Matthew Versdahl, MBA** 206-546-4726  
mversdahl@shoreline.edu

## Program Information:

**Length of Program:** 93-96 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$30-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/purchasing-and-supply-chain-management/>

Plan code: LMMPSAPT

# Purchasing and Contract Management Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion in Purchasing and Contract Management leading to entry level positions in the supply chain field. Students interested in advancement are encouraged to enroll in a longer course of study to complete additional certificates and/or an Associate in Arts and Sciences (AAAS) in Purchasing and Supply Chain Management. Students pursuing a four-year baccalaureate degree in business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (14 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or higher in each business course, and an overall GPA of 2.0 or higher required.**

## Program Requirements

- BUS 141 Purchasing & Supply Management Fundamentals **Units: 5**
- BUS 203 Contract Management **Units: 4**
- BUS 245 eProcurement **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Matthew Versdahl, MBA** 206-546-4726  
[mversdahl@shoreline.edu](mailto:mversdahl@shoreline.edu)

## Program Information:

**Length of Program:** 14 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** : <http://shoreline.edu/programs/purchasing-and-supply-chain-management/>

Plan code: LMMPCCO1



# Purchasing and Supply Chain Management Certificate of Completion Planning Guide

Shoreline Community College offers a Certificate of Completion in Purchasing and Supply Chain Management leading to entry level positions in the supply chain field. Students interested in further advancement are encouraged to enroll in a longer course of study to complete additional certificates such as the Certificate of Proficiency or an Associate in Applied Arts and Science Degree (AAAS) in Purchasing and Supply Chain Management. Students pursuing a four-year baccalaureate degree in business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (26 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or higher in each business course, and an overall GPA of 2.0 or higher required.**

## Program Requirements

*\* Only offered once per year, during the quarter listed.*

- BUS 141 Purchasing & Supply Management Fundamentals **Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Units: 5**
- BUS 143 Materials Management **Units: 4 \***
- BUS 144 Logistics and Transportation Fundamentals **Units: 3 \***
- BUS 203 Contract Management **Units: 4 \***
- BUS 245 eProcurement **Units: 5 \***

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

**Matt Versdahl, MBA** 206-546-4620 [mversdahl@shoreline.edu](mailto:mversdahl@shoreline.edu)

## Program Information:

**Length of Program:** 26 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/purchasing-and-supply-chain-management/>

Plan code: LMMPC20

# Purchasing and Supply Chain Management Certificate of Proficiency Planning Guide

The Certificate of Proficiency in Purchasing and Supply Chain Management is designed to provide students with the knowledge and skills to enter the supply chain workforce directly upon completion of the program. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in advancement are encouraged to enroll in a longer course of study to complete an Associate in Applied Arts and Sciences (AAAS) degree in Purchasing and Supply Chain Management. Students interested in pursuing a baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Proficiency (51 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or higher in each business course, and an overall GPA of 2.0 or higher required.**

## What do I need to take?

### General Education Core Requirements - 15 Credits

#### Communication (5 Credits)

Choose one of the following courses: BTWRT 115, BTWRT 215, ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

- BUS 102 Business Mathematics **Units: 5**

#### Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Units: 5**

### Core Requirements - 31 Credits

- ACCT& 201 Principles of Accounting I **Units: 5**
- BUS 141 Purchasing & Supply Management Fundamentals **Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Units: 5**
- BUS 143 Materials Management **Units: 4**
- BUS 144 Logistics and Transportation Fundamentals **Units: 3**
- BUS 203 Contract Management **Units: 4**
- BUS 245 eProcurement **Units: 5**

### Electives - 5 Credits

Choose one of the following courses: BUS& 201, BUS 215, ECON 100, ECON& 201.

## Program Advisor:

**Matthew Versdahl, MBA** 206-546-4726  
mversdahl@shoreline.edu

## Program Information:

**Length of Program:** 51 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$30-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/purchasing-and-supply-chain-management/>

Plan code: LMMPS45

# Supplier Relations and Logistics Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion in Supplier Relations and Logistics leading to entry level positions in the supply chain field. Students interested in advancement are encouraged to enroll in a longer course of study to complete additional certificates and/or an Associate in Applied Arts and Science Degree (AAAS) in Purchasing and Supply Chain Management. Students pursuing a four-year baccalaureate degree in business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (12 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better in each individual business course, and overall GPA of 2.0 or better required.**

## Program Requirements

*\* Only offered once per year, during the quarter listed.*

- BUS 142 Sourcing and Supplier Relations Fundamentals  
**Units: 5**
- BUS 143 Materials Management **Units: 4**
- BUS 144 Logistics and Transportation Fundamentals  
**Units: 3**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Matthew Versdahl, MBA** 206-546-4726  
[mversdahl@shoreline.edu](mailto:mversdahl@shoreline.edu)

## Program Information:

**Length of Program:** 12 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/purchasing-and-supply-chain-management/>

Plan code: LMMSRC01

# Solid Works

## Solid Works Certificate of Completion Planning Guide

The Certificate of Completion in Solid Works introduces students to designing, drafting, or illustrating construction, engineering, manufacturing or architecture. Shoreline Community College works closely with local advisory committees and industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing additional education should review the Engineering A.S.-Track 2 transfer degree planning guide.

### Certificate of Completion (13 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**Grade of 2.0 or better for each individual course in the program required.**

### Program Requirements (13 Credits)

- MATH 99 Intermediate Algebra **Units: 5**
- ENGR& 114 Engineering Graphics **Units: 5**
- ENGR 206 Advanced Solid Works **Units: 3**

### Certificate Completion

Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.

### Program Advisor:

Alison Armstrong 206-546-4698 [aarmstrong3@shoreline.edu](mailto:aarmstrong3@shoreline.edu) Rm 2810

### Program Information:

**Length of Program:** 13 Credits, part time, 2 to 3 quarters

**Completion Award:** Certificate of Completion

**Enrollment:** Fall, Winter, Spring, Summer

**Approximate Quarterly Costs:** \$0  
(in addition to tuition, books and parking)

**Website:** [www.shoreline.edu/science/engineering/](http://www.shoreline.edu/science/engineering/)

Plan code: CDTSWC01

# Visual Communication Technology

## Animation/Video for Multimedia, AAAS Planning Guide

Students will explore creative, multimedia tools and solutions on Mac and PC platforms, using industry-standard software. In addition to General Education requirements, study will take place at three levels: core foundational design training, degree concentration requirements, and as a final capstone, specialization requirements provide the final layer of specialized student in animation or video topics and software. This two-year plus degree articulates with short-term, stackable certificates for add-on skill sets.

Early advising is strongly recommended for this program.

Students are required to maintain a final grade of 2.0 (75%) in each VCT foundational course in order to progress to the next class. If you receive a grade below 2.0, you will be required to either retake the class or pursue an advisor's waiver.

### AAAS Degree (115-122 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## What do I need to take?

### General Education Requirements - 15-20 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following courses: BUS 102, BUS 150, MATH& 107, MUSTC 106.

#### Human Relations (2-5 Credits)

Choose either BUS 105 or CMST& 101.

### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: HUM 105, CMST 203, BUS 103.

### VCT Foundation Requirements - 65 Credits

#### Studio Foundations

- ART 109 Two-Dimensional Design **Units: 5**
- ART 131 Drawing 1 **Units: 5**
- ART 144 Photography 1 **Units: 5**

#### Design/Production Foundations

- VCT 101 Graphic Design 1: Typography **Units: 5**
- VCT 112 Visual Communications Survey **Units: 5**
- VCT 102 Graphic Design II: Identity and Logo Design **Units: 5**

#### Digital Graphics Foundations

**Includes self-paced, online technical training component**

**\* Challenge Tests are available to place out of VCT 124 & VCT 125**

- VCT 124 Basic Mac & PC Systems **Units: 2 \***
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3 \***
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Units: 5**

### Degree Concentration Requirements - 23-25 Credits

#### Media History (5 Credits)

Choose one of the following courses: VCT 230, CINEM 201, ART 234, ARTH 204, ARTH 210, ARTH 224, ARTH 225, ARTH 226.

## Track Options (Choose One)

### Option 1: Animation

**\*\* Includes self-paced, online technical training component**

- ART 134 Drawing for Animation **Units: 5**
- VCT 251 Game & Interactive Design **Units: 5**
- VCT 252 Introduction to Game Art **Units: 5** \*\*
- VCT 276 3D Modeling & Animation with Maya **Units: 5**

### Option 2: Video

- FILM 256 Video Production I **Units: 5**
- FILM 265 Editing I **Units: 5**
- VCT 268 Editing Software Lab **Units: 3**
- FILM 285 Screenwriting **Units: 5**

## Degree Specialization Requirements (12-16 Credits)

**Includes self-paced, online technical training component**

*Students are required to complete a minimum of 12 credits of specialization coursework. Specialization courses consist of three parts: seminar, collaborative lab sessions, and online specialized software training and/or topic-based training with online industry training partners. A Faculty/Student Advising session is required for placement into this set of courses.*

### **Examples of Specialization Software Training:**

Maya, 3D StudioMax, Mudbox, ZBrush, Soft Image, Blender, Vue, Lightwave, Unity, Unreal Engine, C++, Javascript, iOS Dev, Premiere, Encore, After Effects, etc.

### **Examples of Topic-Based Training:**

Storyboarding, Matte Painting, Matchmoving, Digital Art, Interface Design, Effects, Compositing, Modeling, Character Rigging, Project Management, etc.

**Choose 3-4 of the following courses:**

Design Studio/Portfolio: VCT 205, VCT 206, VCT 207\*\*  
AdobeCS Studio/Portfolio: VCT 215, VCT 216, VCT 217\*\*  
Interactive Studio/Portfolio: VCT 225, VCT 226, VCT 227\*\*  
Autodesk Studio/Portfolio: VCT 235, VCT 236, VCT 237\*\*  
Video Studio/Portfolio: VCT 245, VCT 246, VCT 247\*\*

\*\* Includes self-paced, online technical training component.

## Program Advisor:

**Christine Shafner** 206-546-47628 cshafner@shoreline.edu Rm 2174

**Alan Yates** 206-533-6771 ayates@shoreline.edu Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 mbonar@shoreline.edu

## Program Information:

**Length of Program:** 115-122 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: AIVAMAPT

# Creative Project Management, AAAS Planning Guide

The Associate in Applied Arts and Sciences degree in Creative Project Management is designed to train students to work in the creative industry as a project manager. The degree plan balances course work to cover basic design principles and technical skills with an emphasis on production scheduling, management, estimating, entrepreneurship, communication, and marketing analytics.

Early advising is strongly recommended for this program.

## AAAS Degree (90-95 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for entire program required.**

## Program Prerequisites:

Students are required to maintain a final grade of 2.0 (75%) in each VCT or ART course in order to progress to the next class. If you receive a grade below 2.0, and you are taking a class as a requirement for this degree, you will be required to retake the class or pursue an advisor's waiver.

## What do I need to take?

### General Education Requirements - 15-20 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following courses: BUS 102, BUS 150, MATH& 107, MUSTC 106.

#### Human Relations (2-5 Credits)

Choose either BUS 105 or CMST& 101.

#### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: CMST 203, HUM 105, BUS 103.

## VCT Foundation Requirements (75 Credits)

Students are required to complete all classes to receive a degree.

### Studio Foundation

- ART 109 Two-Dimensional Design **Units: 5**  
or
- ART 110 Three-Dimensional Design **Units: 5**
- ART 131 Drawing 1 **Units: 5**
- ART 144 Photography 1 **Units: 5**

### Design/Production Foundation

- VCT 101 Graphic Design 1: Typography **Units: 5**
- VCT 112 Visual Communications Survey **Units: 5**

### Digital Graphics Foundation

- VCT 124 Basic Mac & PC Systems **Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Units: 5**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Units: 5**

### Track Subjects

- VCT 155 Digital Printing & Project Management **Units: 5**
- BUS 270 Entrepreneurship- Starting a New Business **Units: 5**

## Program Advisor:

**Christine Shafner** 206-546-7628 cshafner@shoreline.edu Rm 2174

**Alan Yates** 206-533-6771 ayates@shoreline.edu Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 mbonar@shoreline.edu Rm 2057

## Program Information:

**Length of Program:** 90-95 Credits

**Completion Award:** A.A.A.S. Degree

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCCPAPT

# Game Art and Design, AAAS Planning Guide

Students will explore creative, multimedia tools and solutions on Mac and PC platforms, using industry-standard software. In addition to General Education requirements, study will take place at three levels: core foundational design training, concentrated study in game design, and software-based and topic-based study in specialized areas. This is not a degree in programming, but students have opportunities to take introductory courses in industry-standard programming languages. Early advising is strongly recommended for this program.

Students are required to maintain a final grade of 2.0 (75%) in each VCT foundational course in order to progress to the next class. If you receive a grade below 2.0, you will be required to either retake the class or pursue an advisor's waiver.

## AAAS Degree (117-126 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## What do I need to take?

### General Education Core Requirements (15-20 Credits)

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following courses: BUS 102, BUS 150, MATH& 107, MUSTC 106.

#### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: HUM 105, BUS 103, CMST 203.

#### Human Relations (2-5 Credits)

Choose either BUS 105 or CMST& 101.

## VCT Foundation Requirements (65 Credits)

### Studio/Humanities Foundation

- ART 131 Drawing 1 **Units: 5**
- ART 109 Two-Dimensional Design **Units: 5**
- ART 110 Three-Dimensional Design **Units: 5**

Choose one of the following: ART 131, ART 251, or HUM 140.

Note: One Studio Arts or Humanities course may be substituted for a specialization course from the following list: HUM 140, ART 132, ART 133, ART 145, ART 251, ART 252, ART 271, VCT 103, MUSTC 131.

### Design/Production Foundation

- VCT 101 Graphic Design 1: Typography **Units: 5**
- VCT 112 Visual Communications Survey **Units: 5**
- VCT 102 Graphic Design II: Identity and Logo Design **Units: 5**

### Digital Graphics Foundation

Includes self-paced, online technical training component  
Challenge Tests are available to place out of VCT 124 & VCT 125

- VCT 124 Basic Mac & PC Systems **Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Units: 5**

## Degree Concentration Requirements (25 Credits)

### Media History (5 Credits)

Choose one of the following courses: VCT 230, ARTH 204, ARTH 210, ARTH 224, ARTH 225, ARTH 226, ART 234.

### Track Subjects

\*\*Includes self-paced, online technical training component

- VCT 251 Game & Interactive Design **Units: 5**
- VCT 276 3D Modeling & Animation with Maya **Units: 5**
- VCT 252 Introduction to Game Art **Units: 5** \*\*
- VCT 253 Introduction to Game Development **Units: 5** \*\*

## Degree Specialization Requirements (12-16 Credits)



Includes self-paced, online technical training component

*Students are required to complete a minimum of 12 credits of specialization coursework. Specialization courses consist of three parts: seminar, collaborative lab sessions, and online specialized software training and/or topic-based training with online industry training partners. A Faculty/Student Advising session is required for placement into this set of courses.*

**Examples of Specialization Software Training:**

*Maya, 3D StudioMax, Mudbox, ZBrush, Soft Image, Blender, Vue, Lightwave, Unity, Unreal Engine, C++, Javascript, iOS Dev, Premiere, Encore, After Effects, etc.*

**Examples of Topic-Based Training:**

*Storyboarding, Matte Painting, Matchmoving, Digital Art, Interface Design, Effects, Compositing, Modeling, Character Rigging, Project Management, etc.*

Choose 3-4 of the following courses:

Design Studio/Portfolio: VCT 205, VCT 206, VCT 207\*\*

AdobeCS Studio/Portfolio: VCT 215, VCT 216, VCT 217\*\*

Interactive Studio/Portfolio: VCT 225, VCT 226, VCT 227\*\*

Autodesk Studio/Portfolio: VCT 235, VCT 236, VCT 237\*\*

Video Studio/Portfolio: VCT 245, VCT 246, VCT 247\*\*

\*\* Includes self-paced, online technical training component.

## Program Advisor:

**Alan Yates** 206-533-6771 ayates@shoreline.edu Rm 2054

**Christine Shafner** 206-546-7628 cshafner@shoreline.edu Rm 2174

For Program Information:

**Mary Bonar** 206-546-4671 mbonar@shoreline.edu Rm 2057

## Program Information:

**Length of Program:** 117-126 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: AIVGAAPT

# Graphic Design, AAAS Planning Guide

Students will design creative solutions using industry-standard software. In addition to General Education requirements, study will take place at three levels: core foundational design training, concentrated study in graphic design, and software-based and/or topic based study in specialized areas. Technical software training is done partly online with leading industry partners. This can be self-paced, allowing students to review lessons and establish the self-directed, life-long learner skills that the continually changing industry requires. This learning model also allows for greater focus on development of creative, conceptual skills and team collaboration skills in the classroom. Early advising is strongly recommended for this program.

Students are required to maintain a final grade of 2.0 (75%) in each VCT foundational course in order to progress to the next class. If you receive a grade below 2.0, you will be required to either retake the class or pursue an advisor's waiver.

## AAAS Degree (112-121 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## What do I need to take?

### General Education Requirements - 15-20 Credits

#### Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

Choose one of the following courses: BUS 102, BUS 150, MATH& 107, MUSTC 106.

#### Multicultural Understanding (3-5 Credits)

Choose one of the following courses: HUM 105, BUS 103, CMST 203.

#### Human Relations (2-5 Credits)

Choose either BUS 105 or CMST& 101.

### VCT Foundation Requirements - 65 Credits

### Studio Foundations

- ART 109 Two-Dimensional Design **Units: 5**
- ART 131 Drawing 1 **Units: 5**
- ART 144 Photography 1 **Units: 5**

### Design/Production Foundations

- VCT 101 Graphic Design 1: Typography **Units: 5**
- VCT 102 Graphic Design II: Identity and Logo Design **Units: 5**
- VCT 112 Visual Communications Survey **Units: 5**

### Digital Graphics Foundations

Includes self-paced, online technical training component

\* Challenge Tests are available to place out of VCT 124 & VCT 125

- VCT 124 Basic Mac & PC Systems **Units: 2 \***
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3 \***
- VCT 134 Adobe: Illustrator (Vector Graphics) **Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Units: 5**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Units: 5**

### Degree Concentration Requirements - 20 Credits

#### Media History (Choose One) (5 Credits)

- ARTH 224 Survey of Western Art: Ancient **Units: 5**
- ARTH 225 Survey of Art: Renaissance - 19th ct **Units: 5**
- ARTH 226 Survey of Western Art: Modern/Postmodern **Units: 5**
- ARTH 204 Survey of Asian Art **Units: 5**
- ARTH 210 Japanese Art History **Units: 5**
- VCT 230 History of Visual Media **Units: 5**

#### Track Subjects

\*\*Includes self-paced, online technical training component

- VCT 103 Graphic Design 3: Identity & Branding **Units: 5**  
\*\*
- VCT 204 Graphic Design 4: Packaging & Event Graphics **Units: 5** \*\*
- VCT 155 Digital Printing & Project Management **Units: 5**

### Degree Specialization Requirements (12-16 Credits)

Includes self-paced, online technical training component

*Students are required to complete a minimum of 12 credits of specialization coursework. Specialization courses consist of three*

parts: seminar, collaborative lab sessions, and online specialized software training and/or topic-based training with online industry training partners. A Faculty/Student Advising session is required for placement into this set of courses

#### **Examples of Specialization Software Training:**

Fontographer, Maya, 3D Studio Max, Mudbox, ZBrush, Soft Image, Blender, Vue, Lightwave, Unity, Unreal Engine, C++, Javascript, iOS Dev, Premiere, Encore, After Effects, Fireworks, Joomla, Drupal, etc

#### **Examples of Topic-Based Training**

Storyboarding, Matte Painting, Matchmoving, Digital Art, Event Design, Packaging, Interface Design, Effects, Compositing, Modeling, Digital Printing, Character Rigging, Project Management, etc

Choose 3-4 of the following courses:

Design Studio/Portfolio: VCT 205, VCT 206, VCT 207\*\*

AdobeCS Studio/Portfolio: VCT 215, VCT 216, VCT 217\*\*

Interactive Studio/Portfolio: VCT 225, VCT 226, VCT 227\*\*

Autodesk Studio/Portfolio: VCT 235, VCT 236, VCT 237\*\*

Video Studio/Portfolio: VCT 245, VCT 246, VCT 247\*\*

\*\* Includes self-paced, online technical training component.

## **Program Advisor:**

**Alan Yates** 206-533-6771 ayates@shoreline.edu Rm 2054

**Christine Shafner** 206-546-7628 cshafner@shoreline.edu Rm 2174

For Program Information:

**Mary Bonar** 206-546-4671 mbonar@shoreline.edu Rm 2057

## **Program Information:**

**Length of Program:** 112-121 Credits

**Completion Award:** AAAS Degree

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCGDAPT

# Art and Design Foundation Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion (CC) in VCT Art & Design Foundation leading to an entry-level position in an office setting. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Visual Communication Technology. Students pursuing a four-year baccalaureate degree should follow the Business Associate in Fine Arts (AFA) degree planning guide.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Requirements

- ART 109 Two-Dimensional Design **Units: 5**
- ART 131 Drawing 1 **Units: 5**
- VCT 101 Graphic Design 1: Typography **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

**Length of Program:** 15 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCADC01

# Visual Communications Technology: Business Foundation Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion (CC) in VCT Business Foundation leading to an entry-level position in the fine, performing or technical arts. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Business or Visual Communication Technology. Students pursuing a four-year baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

## Certificate of Completion (19 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

Placement into ENGL 99 or equivalent.

Recommended: Entry-level skills in word processing or BUS 108.

## Program Requirements

- BUS 105 Essentials of Human Relations **Units: 2**
- BUS 120 Principles of Marketing **Units: 5**
- BTWRT 115 Business English **Units: 5**
- MUSTC 102 Music Business Law **Units: 2**
- VCT 112 Visual Communications Survey **Units: 5**

## Certificate Completion

*To have this Certificate added to your transcript, after completion of all required courses please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or by phone at 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

**Length of Program:** 19 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCBFC01

# Computer Foundation Certificate of Completion Planning Guide

**Length of Program:** 15 Credits  
**Completion Award:** Certificate of Completion  
**Enrollment:** Every Quarter  
**Approximate Quarterly Costs:** \$25-\$85  
(in addition to tuition, books and parking)  
**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCCFC01

Shoreline Community College offers a short-term Certificate of Completion (CC) in VCT Computer Foundation leading to an entry-level position in information and visual technology. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Visual Communication Technology. Students pursuing a four-year baccalaureate degree in Associate in Fine Arts (AFA) degree planning guide.

## Certificate of Completion (15 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for entire program required.**

## Program Prerequisites:

Placement into ENGL 99 or equivalent, and placement into MATH 98.

## Program Requirements

- BUS 108 Tech & Web Essentials **Units: 5**
- VCT 124 Basic Mac & PC Systems **Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

# Computer Graphics Foundation Certificate of Completion Planning Guide

Shoreline Community College offers a short-term program in leading to a Certificate of Completion (CC) in VCT Computer Graphics Foundation. Students interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete a Certificate of Proficiency (CP) or an Associate in Applied Arts and Sciences (AAAS) degree in Visual Communication Technology. Students pursuing a four-year baccalaureate degree should follow the Associate in Fine Arts (AFA) degree planning guide.

## Certificate of Completion (20 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for entire program required.**

## Program Requirements

- VCT 112 Visual Communications Survey **Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Units: 5**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

**Length of Program:** 20 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCCGC20

# Digital Illustration/Animation Level II Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion (CC) in VCT Digital Illustration/Animation Level II for entry-level positions image production environments. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Visual Communication Technology. Students pursuing a four-year baccalaureate degree should follow the Associate in Fine Arts (AFA) degree planning guide.

## Certificate of Completion (18 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Additional Information

Please note that courses listed in concentrations have prerequisites that expand the total credits required. However, prerequisites may be waived at the VCT advisor's discretion based on student experience or portfolio presentation. Courses may be substituted or waived by the program faculty advisor.

## Program Prerequisites:

ART 131, VCT 124, VCT 125, VCT 134, VCT 135, VCT 136, or portfolio review.

## Program Requirements

- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Units: 4**
- VCT 252 Introduction to Game Art **Units: 5**
- VCT 276 3D Modeling & Animation with Maya **Units: 5**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

**Length of Program:** 18 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: AIVDAC20



# Digital Photography Level II Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion (CC) in VCT Digital Photography level II leading to an entry-level position in photographic image production, image manipulation and management. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Visual Communication Technology. Students pursuing a four-year baccalaureate degree should follow the Associate in Fine Arts (AFA) degree planning guide.

## Certificate of Completion (14 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Additional Information

Certificates of Completion are designed for students who are adding areas of knowledge to their VCT AAAS Specializations or have intermediate/advanced industry experience. Please note that courses listed in concentrations have prerequisites that expand the total credits required. However, prerequisites may be waived at the VCT advisor's discretion based on student experience or portfolio presentation. Courses may be substituted or waived by the program faculty advisor.

## Program Prerequisites:

ART 144, ART 145, VCT 124, VCT 125, VCT 136, or portfolio review.

## Program Requirements

- ART 244 Studio Photography **Units: 5**
- VCT 155 Digital Printing & Project Management **Units: 5**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Units: 4**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

**Length of Program:** 14 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: VICD2C01

# Digital Video Certificate of Completion Planning Guide

Shoreline Community College offers a short-term program in leading to a Certificate of Completion (CC) in VCT Digital Video. Students interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete a Certificate of Proficiency (CP) or an Associate in Applied Arts and Sciences (AAAS) degree in Visual Communication Technology. Students pursuing a four-year baccalaureate degree should follow the Associate in Fine Arts (AFA) degree planning guide.

## Certificate of Completion (15-17 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

## Program Prerequisites:

VCT 124, VCT 125, VCT 136, or portfolio review.

## Program Requirements

- FILM 256 Video Production I **Units: 5**
- FILM 265 Editing I **Units: 5**
- VCT 245 Specialization: Video/Visual Effects Studio 1 **Units: 4**
- VCT 268 Editing Software Lab **Units: 3** (1-3)

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

**Length of Program:** 15-17 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: VICDVC01

# Visual Communications Foundation Certificate of Proficiency Planning Guide

The Visual Communications Foundation Certificate of Proficiency is designed to provide an introductory level of knowledge and practice in visual design principles; graphic and typographic design; photography and video; computer graphic technologies; and offset printing, pre-press and new imaging technologies. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Art should follow the Foundation Studio Art, AFA Planning Guide or Photography, AFA Planning Guide transfer degree planning guide.

## Certificate of Proficiency (61-64 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Additional Information

- Substitutions and waivers may be made with faculty approval
- Check for prerequisites for all of the upper level classes, and plan ahead!
- Choose a mix of different types of classes for each quarter. For example: lecture, computer/software, studio, general education classes
- In addition to this 1-year certificate, students may earn a Certificate(s) in a specialized area. Students may also add classes to complete a two-year degree. Call 546-4671 for advising and information
- Plan one General Education class per quarter

## What do I need to take?

### General Education Core Requirements (12-15 Credits)

#### Communication (5 Credits)

Choose one of the following courses: ENGL 99, ENGL& 101, BTWRT 115, BTWRT 215.

#### Quantitative/Symbolic Reasoning (5 Credits)

- BUS 102 Business Mathematics **Units: 5**

#### Human Relations (2-5 Credits)

Choose one of the following courses: HUM 105, BUS 105, CMST& 101.

### Core Requirements (49 Credits)

- ART 109 Two-Dimensional Design **Units: 5**
- VCT 101 Graphic Design 1: Typography **Units: 5**
- VCT 112 Visual Communications Survey **Units: 5**
- VCT 124 Basic Mac & PC Systems **Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Units: 5**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Units: 5**
  
- ART 144 Photography 1 **Units: 5**  
or
- ART 131 Drawing 1 **Units: 5**

#### Portfolio: (Choose one)

- VCT 205 Specialization: Design Studio/Portfolio 5 **Units: 4**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Units: 4**
- VCT 225 Specialization: Interactive Web/Studio 1 **Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Units: 4**
- VCT 245 Specialization: Video/Visual Effects Studio 1 **Units: 4**

## Program Advisor:

**Christine Shafner** 206-546-7628 cshafner@shoreline.edu Rm 2174

**Alan Yates** 206-533-6771 ayates@shoreline.edu Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 mbonar@shoreline.edu Rm 2057

## Program Information:

**Length of Program:** 61-64 Credits

**Completion Award:** Certificate of Proficiency

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: COGVFC45

# Visual Communications Foundation with Customized Specialization Certificate of Proficiency Planning Guide

The Visual Communications Foundation w/Specialization Certificate of Proficiency is designed to provide an introductory level of knowledge and practice in visual design principles; graphic and typographic design; photography and video; computer graphic technologies; and offset printing, pre-press and new imaging technologies. Shoreline Community College works closely with local advisory committees comprised of industry professionals to ensure students receive the knowledge and skills currently in demand by employers in the field. Students interested in pursuing a four-year baccalaureate degree in Art should follow the Foundation Studio Art, AFA Planning Guide or Photography, AFA Planning Guide transfer degree planning guide.

## Certificate of Proficiency (54-59 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Additional Information

- Check for prerequisites for all of the upper level classes, and plan ahead!
- Substitutions and waivers can be made with faculty approval
- Choose a mix of different types of classes for each quarter. For example: lecture, computer/software, studio, general education classes
- In addition to this 1-year certificate, students may earn a Certificate(s) in a specialized area. Students may also add classes to complete a two-year degree. Call 546-4671 for advising and information
- Plan 1 General Education and up to 8 cr Specialization/quarter

## What do I need to take?

### General Education Core Requirements (12-15 Credits)

#### Communication (5 Credits)

Choose one of the following courses: BTWRT 115, BTWRT 215, ENGL 99, ENGL& 101.

#### Quantitative/Symbolic Reasoning (5 Credits)

- BUS 102 Business Mathematics **Units: 5**

#### Human Relations (2-5 Credits)

Choose one of the following courses: HUM 105, BUS 105, CMST& 101.

### Core Requirements (29 Credits)

- VCT 101 Graphic Design 1: Typography **Units: 5**
- VCT 124 Basic Mac & PC Systems **Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Units: 3**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Units: 5**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Units: 5**

#### Portfolio (Choose One)

- VCT 205 Specialization: Design Studio/Portfolio 5 **Units: 4**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Units: 4**
- VCT 225 Specialization: Interactive Web/Studio 1 **Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Units: 4**
- VCT 245 Specialization: Video/Visual Effects Studio 1 **Units: 4**

### Electives (13-15 Credits)

13-15 Credits From Classes Listed Below

*Choose according to your career goal. You may stay within one category, or choose freely from several.*

#### Graphic Design Classes

- ART 109 Two-Dimensional Design **Units: 5**
- VCT 102 Graphic Design II: Identity and Logo Design **Units: 5**
- VCT 103 Graphic Design 3: Identity & Branding **Units: 5**
- VCT 112 Visual Communications Survey **Units: 5**

## Photoshop/Photography Classes

- ART 144 Photography 1 **Units: 5**
- ART 145 Photography 2 **Units: 5**
- ART 146 Photography 3 **Units: 5**
- VCT 155 Digital Printing & Project Management **Units: 5**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Units: 4**

## Flash/Multimedia Classes

- ART 134 Drawing for Animation **Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Units: 5**
- VCT 225 Specialization: Interactive Web/Studio 1 **Units: 4**
- VCT 226 Specialization: Interactive Web/Studio 2 **Units: 4**
- VCT 227 Specialization: Interactive Web/Studio 1 **Units: 4**

## Game Art and Design Intro

- ART 234 History of Animation **Units: 5**
- VCT 251 Game & Interactive Design **Units: 5**
- VCT 252 Introduction to Game Art **Units: 5**
- VCT 253 Introduction to Game Development **Units: 5**

## Web Classes

- VCT 135 Adobe: Animation/Interactive Media **Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Units: 5**
- VCT 225 Specialization: Interactive Web/Studio 1 **Units: 4**

## Illustration Classes

- ART 131 Drawing 1 **Units: 5**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Units: 4**
- VCT 276 3D Modeling & Animation with Maya **Units: 5**

## Production Classes

- VCT 112 Visual Communications Survey **Units: 5**
- VCT 155 Digital Printing & Project Management **Units: 5**

## Video Classes

- CINEM 201 Introduction to Cinema History **Units: 5**
- FILM 255 Basic Video Production **Units: 3**
- FILM 256 Video Production I **Units: 5**
- FILM 265 Editing I **Units: 5**
- VCT 268 Editing Software Lab **Units: 3**

## Marketing

- BUS 120 Principles of Marketing **Units: 5**
- MUSTC 102 Music Business Law **Units: 2**

- VCT 112 Visual Communications Survey **Units: 5**

## Program Advisor:

**Christine Shafner** 206-546-7628 cshafner@shoreline.edu Rm 2174

**Alan Yates** 206-533-6771 ayates@shoreline.edu Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 mbonar@shoreline.edu Rm 2057

## Program Information:

**Length of Program:** 54-59 Credits (3-4 quarters)

**Completion Award:** Certificate of Proficiency

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCFSC45

# Web Design Certificate of Completion Planning Guide

Shoreline Community College offers a short-term Certificate of Completion (CC) in Web Design leading to an entry-level position in an office setting. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in Visual Communication Technology. Students pursuing a four-year baccalaureate degree should follow the Foundation Studio Art, AFA Planning Guide.

## Certificate of Completion (19 Credits)

Note: Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice and final career decisions are the responsibility of the student.

**GPA of 2.0 or better for the entire program required.**

### Additional Information

Certificates of Completion are designed for students who are adding areas of knowledge to their VCT AAAS Specializations or have intermediate/advanced industry experience. Please note that courses listed in concentrations have prerequisites that expand the total credits required. Prerequisites may be waived at the VCT advisor's discretion based on student experience or portfolio presentation. Courses may be substituted or waived by the program faculty advisor.

## Program Prerequisites:

VCT 101, VCT 124, VCT 125, VCT 136, or portfolio review.

## Program Requirements

- ENGL 279 Writing for New Media **Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Units: 5**
- VCT 225 Specialization: Interactive Web/Studio 1 **Units: 4**

## Certificate Completion

*Students should automatically receive their Certificate after successful completion of all required courses. If you have not received your Certificate, please contact Jenifer Aydelotte in the Office of Instruction at [jaydelotte@shoreline.edu](mailto:jaydelotte@shoreline.edu) or 206-546-4719.*

## Program Advisor:

**Christine Shafner** 206-546-7628 [cshafner@shoreline.edu](mailto:cshafner@shoreline.edu) Rm 2174

**Alan Yates** 206-533-6771 [ayates@shoreline.edu](mailto:ayates@shoreline.edu) Rm 2054

For Program Information:

**Mary Bonar** 206-546-4671 [mbonar@shoreline.edu](mailto:mbonar@shoreline.edu) Rm 2057

## Program Information:

**Length of Program:** 19 Credits

**Completion Award:** Certificate of Completion

**Enrollment:** Every Quarter

**Approximate Quarterly Costs:** \$25-\$85

*(in addition to tuition, books and parking)*

**Website:** <http://shoreline.edu/programs/visual-communications-technology/>

Plan code: DVCWDC01

# Course Descriptions

## Accounting

### ACCT 104 Payroll Accounting

**Units: 5**

A course designed to provide information and study of accounting for payroll, payroll taxes and benefits. Computer-assisted practice problems are required.

**Prerequisite Required:** ACCT& 201 (may be taken concurrently) and math skills equivalent to or higher than BUS 102, or equivalent math.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 170 Federal Income Tax Individuals/Small Business

**Units: 5**

This course presents the fundamentals of federal income taxation as it applies to individuals and sole proprietorships. This course will take a practical approach through preparation of individual tax returns including Schedules A, B, C, D.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 206 Computer Accounting

**Units: 5**

An introduction to PC based computerized accounting using QuickBooks software designed for small business applications.

**Prerequisite Required:** ACCT& 201 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 208 Not-for Profit and Governmental Accounting

**Units: 5**

An introduction to accounting for not-for-profit organizations and state and local governments. Topics include general and special fund accounting for state and local governments, hospitals, charities, foundations, colleges and universities.

**Prerequisite Required:** Successful completion of ACCT& 201 and ACCT& 202.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 271 Intermediate Accounting I

**Units: 5**

Principles of financial reporting for enterprises. Standard-setting; FASB conceptual framework; presentation of income statement, balance sheet, and statement of cash flows; cash and cash equivalents; receivables; and inventory valuation.

**Prerequisite Required:** ACCT& 202 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 272 Intermediate Accounting II

**Units: 5**

Principles of financial reporting for enterprises. Tangible and intangible assets; depreciation, impairments, and disposition; current and long-term liabilities; contingencies; stockholders' equity; earnings per share.

**Prerequisite Required:** ACCT 271 with a 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 273 Intermediate Accounting III

**Units: 5**

Principles of financial reporting for enterprises. Investments; revenue recognition; taxes in financial statements; pensions; leases; disclosure of changes in principles; statement of cash flows; legal and ethical considerations in disclosure.

**Prerequisite Required:** ACCT 271 with a 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 275 Accounting Information Systems

**Units: 5**

Use of accounting systems to support business processes. Internal control, security, privacy, ethics; revenue and expense cycles; payroll, inventory, and fixed assets; source and output documents; systems planning.

**Prerequisite Required:** ACCT& 201 or ACCT 101 and BUS 108, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 279 Federal Income Tax: Corporations/Conduits

#### Units: 5

Theory and practice of federal income taxation for C and S corporations, partnerships, and LLCs. Elements of exempt entities, trusts, estates, tax research and planning.

**Prerequisite Required:** ACCT& 202 or ACCT 102, and ACCT 170, each with a 2.0 or better; or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 286 Auditing and Assurance

#### Units: 5

Principles and practice of attest functions in the accounting profession. Generally accepted auditing standards; fraud and internal control; professional ethics and legal liability of auditors.

**Prerequisite Required:** ACCT 271 with a 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 289 Cost Accounting

#### Units: 5

Use of cost accounting in the controllership function. Cost behavior, cost tracing, and apportionment. Relevant costs, transfer pricing, inventory issues, management control, and information systems.

**Prerequisite Required:** ACCT& 203 or ACCT 103, with a 2.0 or better; or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### ACCT 291 Special Topics in Accounting

#### Units: 1

Classes focusing on specific issues and/or topics of interest in Accounting.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ACCT 292 Special Topics in Accounting

#### Units: 2

Classes focusing on specific issues and/or topics of interest in Accounting.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ACCT 293 Special Topics in Accounting

#### Units: 3

Classes focusing on specific issues and/or topics of interest in Accounting.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ACCT 294 Special Topics in Accounting

#### Units: 4

Classes focusing on specific issues and/or topics of interest in

Accounting.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ACCT 295 Special Topics in Accounting

#### Units: 5

Classes focusing on specific issues and/or topics of interest in Accounting.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ACCT 297 Individual Project in Accounting

#### Units: 1

Individual project in a specific area of accounting. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

### ACCT 298 Individual Project in Accounting

#### Units: 2

Individual project in a specific area of accounting. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

### ACCT 299 Individual Project in Accounting

#### Units: 3

Individual project in a specific area of accounting. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

### ACCT& 201 Principles of Accounting I

#### Units: 5

Basic principles, theories and procedures for reporting business transactions; analysis and presentation of financial information, integrated with computer applications.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ACCT& 202 Principles of Accounting II

#### Units: 5

Accounting for short- and long-term assets and liabilities, corporations, statement of cash flows, financial statement analysis, and generally accepted accounting principles; integrated with computer applications.

**Prerequisite Required:** Successful completion of ACCT& 201.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ACCT& 203 Principles of Accounting III

#### Units: 5

An introduction to job-, process- and activity-based costing, capital budgets, standard costs, cost-volume-profit analysis, and analysis of accounting information for managerial decision-making; integrated with computer applications.



**Prerequisite Required:** Successful completion of ACCT& 201.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## Adult Basic Education

### ABE 1 ABE Registration and Enrollment

**Units: 1-2**

Students complete assessments and paperwork for placement into ABE classes in the upcoming quarter. Students identify educational goals, potential barriers, and college pathways. Additionally, students build skills with communication, tools, and procedures relevant to the college environment.

**Prerequisite Required:** To enroll in this course, contact Transitional Studies at [abe@shoreline.edu](mailto:abe@shoreline.edu)

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 12 Reading and Writing 1

**Units: 1-10**

Students will read with understanding by locating the topic, main idea, and key details of texts and use strategies to find the meaning of unknown words. Students will use a writing process to draft and edit connected paragraphs with guidance from the instructor.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 13 ABE Math Skills for College and Career 1

**Units: 1-10**

This course is clustered in the ABE Math Foundations class. Students in this course will learn about whole numbers with an emphasis on word problems. This is the first course in the ABE Math Foundations class cluster.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 22 Reading and Writing 2

**Units: 1-10**

Students will read with understanding by locating important information in texts, use strategies to find the meaning of unknown words, and identify author's purpose. Students will write connected paragraphs and five-paragraph essays with guidance from instructor.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 23 ABE Math Skills for College and Career 2

**Units: 1-10**

Students will learn place value of decimal numbers and rounding with decimal numbers. Students will also learn standard algorithms to perform four basic operations with decimal numbers. Students will apply understanding of decimals to solve real-world problems.

**Prerequisite Required:** Appropriate placement according to the SCC ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 32 Reading and Writing 3

**Units: 1-10**

Students will read with understanding by locating the main idea and key details and identifying author's purpose. Students will write and edit persuasive and expository essays using a writing process.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 33 ABE Math for College and Career 3

**Units: 1-10**

Students will learn to identify and represent fractions. They will learn to perform all basic operations with fractions and whole numbers fluently. Students will also apply their knowledge of fractions to data, geometry, and real-world problems.

**Prerequisite Required:** Appropriate placement according to the SCC ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 34 HS+ Fine Arts

**Units: 1-5**

This course is an exploration of visual art forms and their cultural connections for students with little experience in the visual arts. It includes a brief study of art history with in-depth studies of the elements, media, and methods used in creative processes. In this course, students will learn how to develop a five-step system for understanding visual art in all forms.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 35 HS+ Occupational Education

**Units: 1-5**

This course is meant to prepare students for success as they

search for a position of employment in a chosen career. Students will learn of the different pathways available to them in higher education, but specifically at Shoreline Community College. This course meets the learning outcomes for Occupation Education or PPR and High School Portfolio.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 37 U.S. History: High School Completion

**Units:** 5

Survey of U.S. history that focuses on social, political, economic, and cultural developments from the colonial period to the twenty-first century, including the founding of the nation as a democratic republic. This course is intended for Adult Basic Education students. Dual listed as HIST 37.

**Prerequisite Required:** Completion of EAP 90 or ENGL 90 with Pass/2.0 or above, or placement into ENGL 99 or equivalent.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Spring

### ABE 42 Reading and Writing 4

**Units:** 1-10

Students develop reading comprehension skills by using a reading process and thinking strategies to understand and evaluate texts. Students will use a writing process to develop clear and coherent evidence-based essays.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 43 ABE Math Skills for College and Career 4

**Units:** 1-10

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with whole numbers, decimals, and fractions. Students will learn about ratios, proportions, and percents with an emphasis on word problems.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 44 HS+ Current World History/WA State History

**Units:** 1-5

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in CWP, Washington State History, Washington State Civics, and English. This course focuses on important social and political themes in Washington State History. Students will use primary sources to analyze and evaluate social and political history in Washington State. Students will develop academic literacy including evaluation of content and points of view, and analyzing text. Students will use academic conventions in writing in areas of summarizing, paraphrasing, formatting, cohesion, rhetoric, and composition.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 45 HS+ Health and Fitness

**Units:** 1-5

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in Health and Fitness. This course focuses on understanding, analyzing, and implementing fitness and health methods, terms, and practical applications. Students will develop awareness of body systems and relationships.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 46 ESL Math Overview

**Units:** 5

ESL Math Overview introduces students to basic math terminology. Students also learn (or review) basic math skills within the context of improving life skills. Students improve their English skills as they work through basic number and word problems.

**Prerequisite Required:** Successful completion of Level 3 or placement into ESL Level 4 or above or by instructor permission.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

### ABE 52 Reading and Writing 5

**Units:** 1-10

Students learn reading and writing processes to transition to college. Students demonstrate understanding of the rhetorical situation of texts, analyze and evaluate arguments, and write 2-3 page argumentative, evidence-based essays. Students may earn HS+ credit.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 53 ABE Math Skills for College and Career 5

**Units: 1-10**

This course is clustered in the ABE Math Foundations class and the ABE Math Transitions class. Students will have demonstrated competency with whole numbers, decimals, fractions, and proportions. Students will learn about integers, variables, and simplifying expressions.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 54 HS+ US History/English

**Units: 1-5**

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in both US History, Civics, and English. This course focuses on important themes in American social and political history from Early America to the Civil War with an emphasis on the United States Constitution and its amendments. Students will use primary sources to analyze and critique American social and political history, develop academic literacy including evaluation of content, examine points of view, and analyze text.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 55 HS+ Sciences

**Units: 1-5**

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in Lab Science, Earth and Space Science, Physical Science, and Biology. This course focuses on understanding and interpreting systems, resources, and experiments using scientific terms, processes, and equations.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 62 Computer Literacy

**Units: 5**

The days of textbook only research and handwritten submissions are over. With the advent of web-enhanced courses, students must possess basic computer skills in order to execute commands in basic computer applications. This course teaches basic computer skills to help students excel in college and eventually carry over with them into the workforce. Exercising and advancing computer literacy skills can also lead to greater opportunities.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

### ABE 63 ABE Math Skills for College and Career 6

**Units: 1-10**

This course is clustered in the ABE MATH Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve equations and inequalities with an emphasis on word problems.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 73 ABE Math Skills for College and Career 7

**Units: 1-10**

This course is clustered in the ABE Math Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve graph linear equations, solve systems of equations, and interpret functions.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 74 Academic and Professional Development in Healthcare Settings (NAC I-BEST)

**Units: 2**

This is an Integrated Basic Education and Skill Training (I-BEST) course which supplements the Nursing Assistant Certified I-BEST (NAC 103) course. The course satisfies Washington State Board of Education's requirements for competency in Basic Operations and Writing. This course focuses on important themes in professional development for healthcare settings with an emphasis on applying basic mathematical operations to document vital statistics, deciphering various forms of data representation, writing for professional purposes to attain employment (i.e. writing a resume and cover letter), and communication for a single purpose in healthcare settings on the job and to attain employment.

**Prerequisite Required:** Concurrent enrollment in NAC 103.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ABE 81 Special Topics in Adult Basic Education

**Units: 1**

Classes focus on specific issues and/or topics of interest in ABE.

**Grading Basis:** BEdA

### ABE 82 Special Topics in Adult Basic Education

**Units: 1-2**

Classes focus on specific issues and/or topics of interest in ABE.

**Grading Basis:** BEdA

### ABE 83 Special Topics in Adult Basic Education

**Units: 1-3**

Classes focus on specific issues and/or topics of interest in ABE.

**Grading Basis:** BEdA

## ABE 84 Special Topics in Adult Basic Education

**Units: 1-4**

Classes focus on specific issues and/or topics of interest in ABE.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall

## ABE 85 Special Topics in Adult Basic Education L1

**Units: 1-5**

Classes focus on specific issues and/or topics of interest in ABE-L1.

**Grading Basis:** BEdA

## ABE 97 Individual Projects in ABE

**Units: 1**

Individual project in a specific area of ABE. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** BEdA

# Adult Basic Education - CEO

## ABECE 1 ABE Registration and Enrollment-CEO

**Units: 1-2**

Students complete assessments and paperwork for placement into ABE classes in the upcoming quarter. Students identify educational goals, potential barriers, and college pathways. Additionally, students build skills with communication, tools, and procedures relevant to the college environment.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 12 Reading and Writing 1

**Units: 1-10**

Students will read with understanding by locating the topic, main idea, and key details of texts and use strategies to find the meaning of unknown words. Students will use a writing process to draft and edit connected paragraphs with guidance from the instructor.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 13 ABE Math Skills for College and Career 1

**Units: 1-10**

This course is clustered in the ABE Math Foundations class. Students in this course will learn about whole numbers with an emphasis on word problems. This is the first course in the ABE Math Foundations class cluster.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 22 Reading and Writing 2

**Units: 1-10**

Students explore different topics through reading and writing. Students read and write using complete reading and writing process. Students write single and multiple-paragraph essays and increase fluency with technology. HS+ credit eligible.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 23 ABE Math Skills for College and Career 2

**Units: 1-10**

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with whole number skills. Students will learn about decimals with an emphasis on geometry.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 32 Reading and Writing 3

**Units: 1-10**

Students explore different topics through reading and writing. Students read with understanding by locating the main idea and key details and identifying the author's purpose. Students write and edit persuasive and expository essays, increase fluency with technology, and acquire academic success strategies. HS+ credit eligible.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 33 ABE Math for College and Career 3

**Units: 1-10**

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with decimals. Students will learn about fractions with an emphasis on word problems.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 34 HS+ Fine Arts

**Units: 1-5**

This course is an exploration of visual art forms and their cultural connections for students with little experience in the visual arts. It includes a brief study of art history with in-depth studies of the elements, media, and methods used in creative processes. In this course, students will learn how to develop a five-step system for understanding visual art in all forms.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ABECE 35 HS+ Occupational Education

**Units: 1-5**

This course is meant to prepare students for success as they

search for a position of employment in a chosen career. Students will learn of the different pathways available to them in higher education, but specifically at Shoreline Community College. This course meets the learning outcomes for Occupation Education or PPR and High School Portfolio.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

#### **ABECE 42 Reading and Writing 4**

**Units: 1-10**

Students develop reading comprehension skills by using a reading process and thinking strategies to understand and evaluate texts. Students will use a writing process to develop clear and coherent 1 to 2 page evidence-based essays. Students may earn HS+ credit.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

#### **ABECE 43 ABE Math Skills for College and Career 4**

**Units: 1-10**

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with whole numbers, decimals, and fractions. Students will learn about ratios, proportions, and percents with an emphasis on word problems.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

#### **ABECE 44 Current World History/WA State History**

**Units: 1-5**

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in CWP, Washington State History, Washington State Civics, and English. This course focuses on important social and political themes in Washington State History. Students will use primary sources to analyze and evaluate social and political history in Washington State. Students will develop academic literacy including evaluation of content and points of view, and analyzing text. Students will use academic conventions in writing in areas of summarizing, paraphrasing, formatting, cohesion, rhetoric, and composition.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

#### **ABECE 45 HS+ Health and Fitness**

**Units: 1-5**

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in Health and Fitness. This course focuses on understanding, analyzing, and implementing fitness and health methods, terms, and practical applications. Students will develop awareness of body systems and relationships.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

#### **ABECE 46 ESL Math Overview**

**Units: 5**

ESL Math Overview introduces students to basic math terminology. Students also learn (or review) basic math skills within the context of improving life skills. Students improve their English skills as they work through basic number and word problems.

**Prerequisite Required:** Successful completion of Level 3 or placement into ESL Level 4 or above or by instructor permission.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

#### **ABECE 52 Reading and Writing 5**

**Units: 1-10**

Students learn reading and writing processes to transition to college. Students demonstrate understanding of the rhetorical situation of texts, analyze and evaluate arguments, and write 2-3 page argumentative, evidence-based essays. Students may earn HS+ credit.

**Prerequisite Required:** Appropriate placement according to the Shoreline ABE placement tests.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

#### **ABECE 53 ABE Math Skills for College and Career 5**

**Units: 1-10**

This course is clustered in the ABE Math Foundations class and the ABE Math Transitions class. Students will have demonstrated competency with whole numbers, decimals, fractions, and proportions. Students will learn about integers, variables, and simplifying expressions.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### **ABECE 54 HS+ US History/English**

#### **Units: 1-5**

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in both US History, Civics, and English. This course focuses on important themes in American social and political history from Early America to the Civil War with an emphasis on the United States Constitution and its amendments. Students will use primary sources to analyze and critique American social and political history, develop academic literacy including evaluation of content, examine points of view, and analyze text.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### **ABECE 55 HS+ Sciences**

#### **Units: 1-5**

This is a survey course which satisfies the Washington State Board of Education's requirements for competency in Lab Science, Earth and Space Science, Physical Science, and Biology. This course focuses on understanding and interpreting systems, resources, and experiments using scientific terms, processes, and equations.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### **ABECE 62 Computer Literacy**

#### **Units: 5**

The days of textbook only research and handwritten submissions are over. With the advent of web-enhanced courses, students must possess basic computer skills in order to execute commands in basic computer applications. This course teaches basic computer skills to help students excel in college and eventually carry over with them into the workforce. Exercising and advancing computer literacy skills can also lead to greater opportunities.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

### **ABECE 63 ABE Math Skills for College and Career 6**

#### **Units: 1-10**

This course is clustered in the ABE MATH Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve equations and inequalities with an emphasis on word problems.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### **ABECE 73 ABE Math Skills for College and Career 7**

#### **Units: 1-10**

This course is clustered in the ABE Math Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve graph linear equations, solve systems of equations, and interpret functions.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### **ABECE 74 Academic and Professional Development in Healthcare Settings (NAC I-BEST)**

#### **Units: 2**

This is an Integrated Basic Education and Skill Training (I-BEST) course which supplements the Nursing Assistant Certified I-BEST (NAC 103) course. The course satisfies Washington State Board of Education's requirements for competency in Basic Operations and Writing. This course focuses on important themes in professional development for healthcare settings with an emphasis on applying basic mathematical operations to document vital statistics, deciphering various forms of data representation, writing for professional purposes to attain employment (i.e. writing a resume and cover letter), and communication for a single purpose in healthcare settings on the job and to attain employment.

**Prerequisite Required:** Concurrent enrollment in NAC 103.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### **ABECE 83 Special Topics in Adult Basic Education**

#### **Units: 1-3**

Classes focus on specific issues and/or topics of interest in ABE.

**Grading Basis:** BEdA

## **Adult Basic Education - International**

### **ABEAF 13 ABE Math Skills for College and Career 1**

#### **Units: 1-10**

This course is clustered in the ABE Math Foundations class. Students in this course will learn about whole numbers with an emphasis on word problems. This is the first course in the ABE Math Foundations class cluster.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE competency assessments.

**Grading Basis:** Pass/Not Pass

### **ABEAF 23 ABE Math Skills for College and Career 2**

#### **Units: 1-10**

Students will learn place value of decimal numbers and rounding with decimal numbers. Students will also learn standard algorithms to perform four basic operations with decimal numbers. Students will apply understanding of decimals to solve real-world problems.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE placement tests.

**Grading Basis:** Pass/Not Pass

### **ABEAF 33 ABE Math for College and Career 3**

#### **Units: 1-10**

Students will learn to identify and represent fractions. They will

learn to perform all basic operations with fractions and whole numbers fluently. Students will also apply their knowledge of fractions to data, geometry, and real-world problems.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE placement tests.

**Grading Basis:** Pass/Not Pass

#### **ABEAF 43 ABE Math Skills for College and Career 4**

**Units: 1-10**

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with whole numbers, decimals, and fractions. Students will learn about ratios, proportions, and percents with an emphasis on word problems.

**Prerequisite Required:** Appropriate placement according to the Shoreline Community College ABE competency assessments.

**Grading Basis:** Pass/Not Pass

#### **ABEAF 53 ABE Math Skills for College and Career 5**

**Units: 1-10**

This course is clustered in the ABE Math Foundations class and the ABE Math Transitions class. Students will have demonstrated competency with whole numbers, decimals, fractions, and proportions. Students will learn about integers, variables, and simplifying expressions.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** Pass/Not Pass

#### **ABEAF 63 ABE Math Skills for College and Career 6**

**Units: 1-10**

This course is clustered in the ABE MATH Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve equations and inequalities with an emphasis on word problems.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** Pass/Not Pass

#### **ABEAF 73 ABE Math Skills for College and Career 7**

**Units: 1-10**

This course is clustered in the ABE Math Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve graph linear equations, solve systems of equations, and interpret functions.

**Prerequisite Required:** Appropriate placement according to Shoreline Community College ABE competency assessments.

**Grading Basis:** Pass/Not Pass

## American Ethnic Studies

### **AES 101 Power and Positionality in the United States**

**Units: 5**

Students will develop a personal and historical understanding of issues related to race, social class, gender, sexual orientation, disabilities & culture; and how these issues are used in the distribution of power and privilege in the U.S. Previously: MCS 105

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

### **AES 102 Asian American and Pacific Islander Studies**

**Units: 5**

This course examines Asian American and Pacific Islander history, experiences and perspectives from mid-1800's to the present. Major topics will include the intersection of race, ethnicity, gender, and class, with special emphasis placed on labor and immigration policies, citizenship, community and social and political resistance. The impacts of race, racialization, white supremacy, orientalism, colonialism, imperialism, war, social inequity, and migration will be examined. This course provides a context for understanding the pan-ethnic movement and includes analysis of the U. S. Constitution, Supreme Court Rulings, and Washington State and local government issues related to the rights of Asian Americans.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### **AES 103 Introduction to African American Studies**

**Units: 5**

This course offers an introduction to the discipline of African American Studies. Using an African centered approach this course will examine the history, literature, and culture of those of African descent in the United States. Additionally, it will examine the sociological, political, economic, public policy, and philosophical perspectives on the Black/African American experience. The contributions, experiences, and culture of Black/African American individuals will be recognized and validated.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## AES 104 Introduction to Chicana/Latina Studies

### Units: 5

This course will examine the major themes and issues related to the Chicana and Latina community in the U.S., including: race and racism, indigenous culture, colonialism, war, migration, citizenship, language and family among others. Students will critically examine the political and cultural formation of the U.S. borders and how they relate to the creation of "Chicana", "Latina" and "American" identity. Key moments will be covered from the pre-Columbian and Spanish colonial periods to the present with a focus on expression, resistance and participation in social movements.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## AES 106 Music in American Culture

### Units: 5

Explore musical traditions from diverse American cultures through guided listening and analysis of songs, styles, genres and musicians, with emphasis on the role of race, class, gender and sexual-orientation. Dual listed as MUSC 106.

**Prerequisite Required:** Successful completion of ENGL 99 or equivalent, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## AES 119 Survey of American Indian Studies

### Units: 5

This course examines issues in American Indian Studies including native cultures, theories of American Indian origins, demographics, the formation of American Indian stereotypes, the resistance of Native peoples to racism and oppression, and contemporary issues (music, literature, health, etc.)

**Prerequisite Required:** Concurrent or successful completion of ENGL& 101 recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

## AES 215 From Rhymes to Reason: The Culture of Hip Hop

### Units: 5

This course examines the culture of hip hop from its South Bronx (NYC) beginnings in the early 1970's to its globalization. Students explore the musical, visual, spoken word and literary elements of hip hop. Topics include the role of race, class, gender, politics, appropriation and commodification.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

## AES 270 Race, Power, Food

### Units: 5

Examines the politics of nutrition in the age of globalization by focusing on issues of race, ethnicity, and gender. Students will revisit, re-envision, and re-articulate dominant understandings of history and culture as they relate to food, learn about dominant and alternative foodways, and explore interdependence among diverse cultures. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Dual listed as SOC 270.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

## AES 284 Gender, Race, and Class

### Units: 5

This course explores the ways in which sex/gender, race, class, and sexual orientation affect access to, participation in, and treatment by a variety of social institutions. We study the legal system, education, and the media, as well as strategies for effecting positive social change in the U.S. Dual listed as GWS 284.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

## AES 291 Special Topics in American Ethnic Studies

### Units: 1

Classes focusing on specific issues and/or topics of interest in American Ethnic Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## AES 292 Special Topics in American Ethnic Studies

### Units: 2

Classes focusing on specific issues and/or topics of interest in American Ethnic Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## AES 293 Special Topics in American Ethnic Studies.

### Units: 3

Classes focusing on specific issues and/or topics of interest in American Ethnic Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## AES 294 Special Topics in American Ethnic Studies

### Units: 4

Classes focusing on specific issues and/or topics of interest in American Ethnic Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## AES 295 Special Topics in American Ethnic Studies

### Units: 5

Classes focusing on specific issues and/or topics of interest in American Ethnic Studies.



**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### AES 297 Individual Project in American Ethnic Studies **Units: 1**

Individual project in a specific area of American Ethnic Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### AES 298 Individual Project in American Ethnic Studies **Units: 2**

Individual project in a specific area of American Ethnic Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### AES 299 Individual Project in American Ethnic Studies **Units: 3**

Individual project in a specific area of American Ethnic Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## American Sign Language

### ASL 297 Individual Project in American Sign Language **Units: 1**

Individual project in a specific area of American Sign Language. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ASL 298 Individual Project in American Sign Language **Units: 2**

Individual project in a specific area of American Sign Language. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ASL 299 Individual Project in American Sign Language **Units: 3**

Individual project in a specific area of American Sign Language. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ASL& 121 American Sign Language I **Units: 5**

ASL is the study of the fundamentals of the language, visual/gestural communication, basic information related to deaf culture, expressive and receptive skills, and work on comprehension and grammatical structure.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - General

### ASL& 122 American Sign Language II **Units: 5**

Continuation of ASL& 121 with increased development of communication strategies with emphasis on expanding vocabulary and grammatical understanding. Functional applications of the language and appreciation for the deaf culture and community.

**Prerequisite Required:** Completion of ASL& 121 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - General

### ASL& 123 American Sign Language III **Units: 5**

Use of ASL& 121 and ASL& 122 skills for ASL storytelling and expand linguistic-grammatical features into longer monologues with use of descriptive-locative classifiers. Continue exposure of deaf history, culture, community and ASL.

**Prerequisite Required:** Completion of ASL& 122 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## Anthropology

### ANTH 130 World Cultures **Units: 5**

Exploration of cultural traditions of the world through the concepts of worldview and cultural relativism. Focus on what people think, do, and make in various cultures to examine practices and systems in a comparative framework.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### ANTH 140 Ancient Cultures of Asia and the Pacific

**Units: 5**

Introduces the prehistory and ancient cultures of Southeast Asia, East Asia, and the Pacific Islands through archaeological evidence.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### ANTH 150 Great Discoveries and Deceptions in Archaeology

**Units: 5**

Did aliens build the pyramids? Did Atlantis exist? Investigate such popular claims about the past through archaeological evidence. Along the way, learn about verifiable discoveries, achievements, and mysteries from around the world that have captivated archaeologists.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### ANTH 215 Intro to Medical Anthropology and Global Health

**Units: 5**

Examination of health, culture, and medicine in the U.S. and globally. Exploration of cross-cultural and biomedical perspectives of the human body, illness, birth, death, suffering, and healing. Emphasizes interrelationships of biological, political, economic, and social factors on health and well-being.

**Prerequisite Required:** ENGL& 101 preferred.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ANTH 270 Primate Fossils and Anatomy

**Units: 5**

Examines and compares primate anatomy, from those of extinct primate ancestors to living humans, apes, monkeys, and lemurs. Analyzes changes and variation in the fossil record and current primate anatomy as adaptations to environment.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Science - Lab

### ANTH 270H Primate Fossils and Anatomy HC

**Units: 5**

Examines and compares primate anatomy, from those of extinct primate ancestors to living humans, apes, monkeys, and lemurs. Analyzes changes and variation in the fossil record and current primate anatomy as adaptations to environment.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

### ANTH 295 Special Topics in Anthropology

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Anthropology.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ANTH 297 Individual Project in Anthropology

**Units: 1**

Individual project in a specific area of Anthropology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ANTH 298 Individual Project in Anthropology

**Units: 2**

Individual project in a specific area of Anthropology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ANTH 299 Individual Project in Anthropology

**Units: 3**

Individual project in a specific area of Anthropology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ANTH& 100 Survey of Anthropology

**Units: 5**

An introduction to the four subfields of anthropology (archaeology, biological anthropology, linguistic anthropology and sociocultural anthropology) with an emphasis on biological and cultural diversity in past and contemporary societies.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ANTH& 204 Archaeology

**Units: 5**

Introduction to the tools, principles, and methods of archaeology. Examination of the techniques of field excavation, dating of archaeological remains, reconstruction of human cultures of the past, and exploration of the archaeological record from the earliest human groups to contemporary digs.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

## ANTH& 205 Biological Anthropology

**Units: 5**

Examine the evolution of humans and other primates through evidence from the fossil record as well as living monkeys and apes. Adaptation to the natural environment and to culture is emphasized. Topics include primate behavior, ecology, anatomical changes, migration, and language origins.

**Prerequisite Required:** Placement into ENGL& 101, or concurrent enrollment in ENGL& 101 and ENGL 110, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Non-Lab

## ANTH& 206 Cultural Anthropology

**Units: 5**

Exploration of human cultural and social diversity in the U.S. and globally through cross-cultural comparisons of topics such as identity, kinship, power, economics, health, religion, and language.

**Prerequisite Required:** Placement into ENGL& 101, or concurrent enrollment in ENGL& 101 and ENGL 110, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## ANTH& 207 Linguistic Anthropology

**Units: 5**

The study of human and nonhuman primate communication. The study of human language and its sociocultural setting, relating the structure and history of language to human cognition and social behavior.

**Prerequisite Required:** Either concurrent enrollment or completion of ENGL& 101 with a 2.0 or better is recommended.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

## ANTH& 207W Linguistic Anthropology

**Units: 5**

The study of human and nonhuman primate communication. The study of human language and its sociocultural setting, relating the structure and history of language to human cognition and social behavior.

**Prerequisite Required:** Either concurrent enrollment or completion of ENGL& 101 with a 2.0 or better is recommended.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

## Applied Computing

### AC 110 Hardware Support

**Units: 5**

This course provides students with an introductory overview of Information Technology (IT) concepts including: hardware, mobile devices, networks, virtualization and cloud computing, storage, and hardware and network troubleshooting skills. This course is for students who are just getting started in their IT education as it is designed to prepare students to take the CompTIA A+ certification test which will be the bridge to an IT career pathway.

**Prerequisite:** No prior IT experience is needed, but students should have a basic understanding of computers. You should be familiar with how to use a mouse and keyboard, how to install and run programs on one or more operating systems, how to save files, and how to browse the internet.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AC 111 Software Support

**Units: 5**

This course provides students with an introductory overview of Information Technology (IT) concepts including: Operating Systems, Security, File Management, Operational Procedures, System Management, and software troubleshooting skills. This course is for students who are just getting started in their IT education as it is designed to prepare students to pass the CompTIA A+ certification which will be the bridge to an IT career pathway. No prior IT experience is needed, but students should have a basic understanding of computers.

**Prerequisite Required:** Completion of AC 110 with a grade of 2.0 or higher or instructor permission.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## Art

### ART 109 Two-Dimensional Design

**Units: 5**

This is an introductory course in two-dimensional design. Students explore basic elements, principles and processes of two-dimensional design. Design fundamentals are investigated and explored through lecture/demonstration, hands-on projects and class critiques/ discussion.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ART 110 Three-Dimensional Design

### Units: 5

This is an introductory course in three-dimensional design. Students explore basic elements and principles through demonstrations and hands-on studio work. Projects emphasize problem-solving, concept development and creativity in the transformation of two-dimensional concepts into three-dimensional objects. Recommended: ART 109.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

## ART 121 Ceramic Art 1

### Units: 5

This is an introductory course in the creation and appreciation of the ceramic vessel. Students learn basic hand-building, wheel-throwing and glazing processes as a foundation for further creative development.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 122 Ceramic Art 2

### Units: 5

Students build upon skills learned in Ceramic Art 1 and continue their exploration of the processes, techniques and aesthetics of the ceramic vessel. The focus in the second quarter is on development of artistic direction, interests and point of view.

**Prerequisite Required:** ART 121 or equivalent with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 123 Ceramic Art 3

### Units: 5

Students further develop skills learned in Ceramic Art 1 and 2 and continue their exploration of the processes, techniques and aesthetics of the ceramic vessel. The focus in the third quarter is on continued development of artistic direction, interests and point of view.

**Prerequisite Required:** ART 122 or equivalent with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 131 Drawing 1

### Units: 5

This is an introductory course in drawing from observation. Students use a variety of media, including graphite, charcoal and ink, to draw from the still-life and the figure. Basic principles of composition are stressed.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 132 Drawing 2

### Units: 5

Students continue to work from the still life and the figure in class to build upon drawing skills and understandings acquired in Drawing 1. Additional projects emphasize individual exploration and problem-solving in the development of artistic direction, interests and point of view.

**Prerequisite Required:** ART 131 or equivalent with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 133 Drawing 3

### Units: 5

Students continue to work from the still life and the figure in class to further develop drawing skills acquired in Drawing 1 and 2. Additional projects emphasize further individual exploration and problem-solving.

**Prerequisite Required:** ART 132 or equivalent with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 134 Drawing for Animation

### Units: 5

Students focus on drawing in sequence to create two-dimensional animations. They explore full animation techniques, character animation and storyboard development. Animation drawing formats include zoetrope strips, flip books and paper cels.

**Prerequisite Required:** ART 131 or instructor permission by portfolio review.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 144 Photography 1

### Units: 5

Introduction to photographic image creation and expression through traditional film and digital mediums. Composition, aesthetics, history, lighting, darkroom techniques and image editing tools for traditional film and digital mediums will be covered. Limited cameras available for short-term check out.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ART 145 Photography 2

### Units: 5

Students continue to work in both traditional film and digital media to build upon photographic skills and techniques acquired in Photography 1. The course emphasizes conceptual development, artistic direction, and personal expression in photography as an art form. Cameras available for short-term checkout.

**Prerequisite Required:** ART 144 with a 2.0/Pass or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 146 Photography 3

### Units: 5

Students continue to work in both traditional film and digital mediums to build upon photographic skills and techniques acquired in Photography 1 and 2. The course emphasizes further conceptual development, artistic direction, personal expression in photography as an art form. Limited cameras available for check-out.

**Prerequisite Required:** ART 144 and ART 145, each with a 2.0/Pass or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 234 History of Animation

### Units: 5

This course explores the history and structure of animation. Students study the international development of animation from its origins to present as well as its basic principles, theories and practices. The rise of studio production is contrasted with the role of the independent artist/ animator.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities - General

## ART 244 Studio Photography

### Units: 5

Students study the principles of light, standard studio practices, and techniques for creative use in portrait, still life, and product photography. Students can work digitally or with traditional film/darkroom.

**Prerequisite Required:** ART 144 and ART 145 with a 2.0/Pass or higher, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## ART 246 Documentary Photography

### Units: 5

This course presents the history, philosophy, and practice of photography's ability to interpret, comment on, and record people, places, objects, and/or events. Image sequencing and storytelling are emphasized as students explore the documentary style through digital or analog processes.

**Prerequisite Required:** ART 144 and ART 145, each with a 2.0/Pass or higher, or instructor permission.

**Grading Basis:** Student Option

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## ART 248 Introduction to Video Arts

### Units: 5

This is an introductory course in the creation and presentation of time-based media. Students focus on the skills and creative applications of DSLR cameras and personal devices in the production of both still and video-based projects. Emphasis is placed on technical and creative approaches to artistic direction and individual expression.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ART 251 Painting 1

### Units: 5

This is an introductory course emphasizing color and composition in paint media (watercolor and acrylic or oil).

**Add Consent:** Restricted Transfer

**Drop Consent:** Restricted Transfer

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 252 Painting 2

### Units: 5

Students build upon skills learned in Painting 1, with emphasis on color, composition, and a deeper exploration of one paint media: acrylic, watercolor, or oil. The focus in the second quarter level is on developing students' artistic direction, interests, and point of view.

**Prerequisite Required:** ART 251 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 253 Painting 3

### Units: 5

Students further develop skills learned in Painting 2, with emphasis on color and composition, and a deeper exploration of one paint medium: acrylic, watercolor, or oil. The focus in the third quarter level is on further development of artistic direction, interests, and point of view.

**Prerequisite Required:** ART 252 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 254 Wood Art & Design

### Units: 5

This is an introductory course in wood art and design. Explore creative problem-solving through various material techniques as they relate to fine art, design and furniture. Projects emphasize concept development, knowledge of woodworking tools and technical processes in the transformation of wood materials into three-dimensional objects.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 255 Glass Art and Design

### Units: 5

This is an introductory course in glass art and design. Explore creative problem-solving through various tools and techniques as they relate to fine art and design in glass. Projects emphasize concept development, technical processes and personal research in the transformation of two-dimensional concepts into three-dimensional forms.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 256 Fiber Art & Design

### Units: 5

This is an introductory course in fiber art and textile design. Explore creative problem-solving through various tools and material techniques as they relate to fine art and design. Projects emphasize concept development, technical processes and personal research in the transformation of two-dimensional concepts into three-dimensional forms.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 260 Intermediate Studio Projects

### Units: 1-5

Students who have completed a basic fine art studio course series work in collaboration with an instructor to build upon the skills and concepts of that specific studio art sequence and to develop individual artistic direction, interests and points of view.

**Prerequisite Required:** ART 146, ART 133, ART 109, ART 110, ART 123, ART 253, or ART 271 or instructor permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 261 Printmaking 1

### Units: 5

Survey of fine art printmaking including relief, planographic and intaglio printmaking with a focus on design, drawing, techniques and materials used in printmaking. Instruction through lectures, demonstrations, critiques and research. Students create prints in each media.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

## ART 262 Printmaking 2

### Units: 5

Students build upon skills learned in Printmaking 1 with emphasis on further exploration in one or more media and the development of artistic direction, interests and point of view.

**Prerequisite Required:** ART 261 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### ART 271 Sculpture 1

**Units: 5**

This is an introductory course in the creation and appreciation of sculpture. Students explore basic sculptural processes, materials and tools as a foundation for creative problem-solving and sculptural expression. Typical materials include clay, plaster and wood.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### ART 272 Sculpture 2

**Units: 5**

Students build upon skills learned in Sculpture 1 and continue their exploration of sculptural processes, materials and tools. The focus in the second quarter level is on developing students' artistic direction, interests and point of view.

**Prerequisite Required:** ART 271 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### ART 273 Sculpture 3

**Units: 5**

Students further develop skills learned in Sculpture 1 and 2 and continue their exploration of sculptural processes, materials and tools. The focus in the third quarter level is on continued development of artistic direction, interests and point of view.

**Prerequisite Required:** ART 272 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### ART 290 AFA Portfolio

**Units: 5**

Students review and assess their artwork and artistic development to create and present a portfolio. Students will learn professional gallery and museum practices. The class is required for the AFA degree and is open to students preparing to transfer to art programs and/or further artistic and professional development.

**Prerequisite Required:** For AFA degree seekers, all required core and concentration art courses in AFA degree or equivalent; up to 5 credits of these required courses can be taken concurrently with ART 290.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

### ART 291 Special Topics In Art

**Units: 1**

Classes focus on specific issues and/or topics of interest in Art.

**Grading Basis:** Student option grading

### ART 292 Special Topics In Art

**Minimum Units: 2**

Classes focus on specific issues and/or topics of interest in Art.

### ART 293 Special Topics In Art

**Minimum Units: 3**

Classes focus on specific issues and/or topics of interest in Art.

### ART 294 Special Topics In Art

**Minimum Units: 4**

Classes focus on specific issues and/or topics of interest in Art.

**Course Typically Offered:** Fall

### ART 295 Special Topics In Art

**Units: 5**

Classes focus on specific issues and/or topics of interest in Art.

**Grading Basis:** Student option grading

### ART 297 Individual Project In Art

**Minimum Units: 1**

Individual project in a specific area of art.

**Course Typically Offered:** Fall, Spring

### ART 298 Individual Project In Art

**Minimum Units: 2**

Individual project in a specific area of art.

**Course Typically Offered:** Fall, Winter, Spring

### ART 299 Individual Project In Art

**Minimum Units: 3**

Individual project in a specific area of art.

**Course Typically Offered:** Fall, Winter, Spring

### ART& 100 Art Appreciation: The World of Art

**Units: 5**

Students learn to analyze diverse forms of art from world cultures. Students explore the creative process, visual elements of art, and cultural/political contexts in which art is made. Course may include themes such as birth/death, public vs. private art, the human form, etc. This course is for non-majors.

**Prerequisite Required:** ENGL 99 or equivalent.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - General

## Art History

### ARTH 204 Survey of Asian Art

**Units: 5**

Students are introduced to the art and architecture of India, China, Korea and Japan. This course gives an overview of Asian art with a concentration on individual nations/cultures, specific period styles and representative artists.

**Prerequisite Required:** ENGL 99 with a 2.0 or better (may be taken concurrently), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - General

### ARTH 210 Japanese Art History

**Units: 5**

This course offers a comprehensive study into the art, architecture and crafts of Japan. Art and artists of Japan are examined as well as the religion, politics, and economics that shaped their cultural eras.

**Prerequisite Required:** Completion of ENGL 99, placement in ENGL& 101 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - General

### ARTH 224 Survey of Western Art: Ancient

**Units: 5**

Students study and analyze Western art and architecture from prehistory through the Greco/Roman eras and the early Christian periods. This course addresses how art forms have been influenced by significant events, beliefs, and customs.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities - General

### ARTH 225 Survey of Art: Renaissance - 19th ct

**Units: 5**

Students study Western art and architecture from the Renaissance to the 19th century. Major artists and works of art are introduced. This course addresses how art forms have been influenced by significant events, technological discoveries and non-western cultures.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - General

### ARTH 226 Survey of Western Art: Modern/Postmodern

**Units: 5**

Students study and analyze Western art and architecture from the late 19th century to Postmodernism. Works of major artists and movements are introduced. This course addresses how art forms have been influenced by significant events, technological discoveries, and non-western cultures.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - General

### ARTH 273 History of Photography

**Units: 5**

Students are introduced to the history of the photograph as both documentation and art form. Students will view and analyze photographs from a global perspective with an emphasis on how photographic media have informed, and been informed by, technological advancements, historical events, and social climates over nearly 200 years.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - General

### ARTH 292 Special Topics In Art History

**Minimum Units: 2**

Classes focus on specific issues and/or topics of interest in Art History.

### ARTH 293 Special Topics In Art History

**Minimum Units: 3**

Classes focus on specific issues and/or topics of interest in Art History.

### ARTH 295 Special Topics In Art History

**Units: 5**

Classes focus on specific issues and/or topics of interest in Art History.

**Grading Basis:** Student option grading

### ARTH 297 Individual Project In Art History

**Minimum Units: 1**

Individual project in a specific area of art history.

**Course Typically Offered:** Fall, Spring

### ARTH 298 Individual Project In Art History

**Minimum Units: 2**

Individual project in a specific area of art history.

**Course Typically Offered:** Fall, Winter, Spring

### ARTH 299 Individual Project In Art History

**Minimum Units: 3**

Individual project in a specific area of art history.

**Course Typically Offered:** Fall, Winter, Spring

## Astronomy

### ASTR 297 Individual Project in Astronomy

**Units: 1**

Individual project in a specific area of ASTR. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective



### ASTR 298 Individual Project in Astronomy

**Units: 2**

Individual project in a specific area of ASTR. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ASTR 299 Individual Project in Astronomy

**Units: 3**

Individual project in a specific area of ASTR. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ASTR& 101 Introduction to Astronomy

**Units: 5**

A one-quarter survey course in astronomy, intended for non-science majors. Studies such topics as: the solar system, stellar evolution, galaxies and cosmology.

**Prerequisite Required:** MATH 99.

**Grading Basis:** Student Option Grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

## Automotive Technology

### AUTOA 103 Introduction to Battery Technology

**Units: 5**

This is an introductory course covering battery fundamentals, theory, and applications. Students will develop a fundamental understanding of basic electrical (voltage, amperes, ohms, DC-AC, and wave-forms). They will develop knowledge of high voltage safety and precautions., and applications of batteries in automotive and clean energy. Dual listed as NRG 103. Previously: AUTOT 103.

**Course Typically Offered:** Winter, Spring

### AUTOA 110 Introduction to Automotive Service

**Units: 4.5**

An introduction to the automotive repair industry, required entry-level technician skills will be covered: Shop Safety; Tools and Equipment; Service Information; Precision Measurement; Vehicle Inspection & Maintenance. Basic operation overview of the eight automotive systems.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 111 Introduction to Electrical Systems

**Units: 7**

Introduction to automotive electrical systems for entry-level technicians. Series and parallel circuits using Ohm's Law; measuring voltage, current, and resistance with a multi-meter; reading wiring diagrams; repairing electrical connectors. Battery, starting, and charging fundamentals and diagnosis.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 112 Introduction to Automotive Braking Systems

**Units: 6**

An introduction to automotive braking systems. Disk and drum brake design and service will be covered, including hydraulic system, power assist, and parking brake. Use on-car and off-car brake lathes to machine rotors and drums. Fundamentals of ABS (Anti-lock Brake System) will be covered.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 113 Introduction to Steering and Suspension Systems

**Units: 4.5**

An introduction to automotive steering and suspension systems. This course will cover design and service of wheels and tires, suspension system design and inspection. Shock absorber and strut service, intro to vehicle alignment techniques.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 114 Introduction to Engine Design and Maintenance

**Units: 4.5**

This course will introduce engine design and theory of operation. Compression testing procedures; cylinder head maintenance and inspection; fluid leakage inspection. Fundamentals of lubrication and cooling system design and service.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 115 Introduction to Automotive Drivetrains

**Units: 4.5**

This course introduces the design and operation of manual and automatic transmissions, drivelines, differentials, and axles. Maintenance and inspection of drivetrain systems including removal and replacement of drive axles and drivelines. Introduction to hybrid electric drive included.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 116 Introduction to Engine Performance Systems

**Units: 3**

This course will introduce engine performance systems. Includes theory and maintenance of ignition system, fuel delivery and injection systems, and emission control systems. Use scan tool and other diagnostic equipment to monitor sensor inputs and actuator outputs. Basics of OBD II (On-Board Diagnostic II) will be covered.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 117 Introduction to Heating and Air Conditioning Systems

**Units: 3**

Introduction to the fundamental operation of heating, ventilation, air conditioning (HVAC) systems. Monitor refrigerant pressures, complete system performance testing, and utilize refrigerant recovery, recycling, and charging station equipment.

**Prerequisite Required:** Admission to the Automotive Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 121 General Service Technician I

**Units: 18**

For entry-level automotive students. Course provides introduction to fundamentals, maintenance and inspection of the following automotive systems: Engine Design & Performance, Lubrication & Cooling, Electrical, and Air Conditioning. Integrates basic education skills, career exploration, and employability skills development (IBEST). Previously: AUTOT 121.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 122 General Service Technician II

**Units: 18**

For entry-level automotive students. Course provides introduction to the fundamentals, maintenance, and inspection of the following automotive systems: Brakes, Steering, Suspension, Axle, Differential, Manual and Automatic Transmission, and 4-wheel drive. Integrates basic education skills and employability skill development (IBEST). Previously: AUTOT 122.

**Prerequisite Required:** AUTOA 121.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 123 Automotive Service Technician 1

**Units: 17**

This course is part of the AST A.A.A.S. Degree Program. It will provide diagnostic and repair experience in the following automotive systems: Brakes; Steering and Suspension; Electrical Systems; Heating and Air Conditioning. Previously: AUTOT 123.

**Prerequisite Required:** AUTOA 121 and AUTOA 122 each with minimum grade of 2.0.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 124 Automotive Service Technician 2

**Units: 17**

This course is part of the AST A.A.A.S. Degree Program. It will provide diagnostic and repair experience in the following automotive systems: Engine Repair, Engine Performance, Manual Drivetrains and Axles, and Automatic Transmissions. Previously: AUTOT 124.

**Prerequisite Required:** AUTOA 123 and AUTOA 191 each with minimum grade of 2.0.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOA 141 Tesla START I

**Units: 10**

Tesla START (lecture/lab experience) prepares students to participate in Tesla's mission to accelerate the world's transition to sustainable energy as electric vehicle service technicians. Students will be trained to provide a revolutionary service experience by learning to assist owners with their vehicle service needs. Previously: AUTOT 141.

**Prerequisite Required:** This course is open only to students who have been accepted into the Tesla START program.

**Add Consent:** Instructor Consent Required

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## AUTOA 142 Tesla START II

### Units: 14

Tesla START (field-based experience) prepares students to participate in Tesla's mission to accelerate the world's transition to sustainable energy as Tesla vehicle service technicians. Students will be trained to provide a revolutionary service experience by learning to assist owners with their vehicle service needs. Previously: AUTOT 142.

**Prerequisite Required:** This course is open only to students who have been accepted into the Tesla START program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## AUTOA 190 General Service Technician Internship

### Units: 9

Student will interview with employers to obtain an internship or employment experience at an automotive (or related industry) business. Skills learned in the General Service Technician program will be applied and evaluated at the job site. Previously: AUTOT 190.

**Prerequisite Required:** AUTOA 121 and AUTOA 122, basic automotive tool set.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## AUTOA 191 Automotive Service Technician Internship

### 1

### Units: 8

Cooperative internship requires employment in an automotive business where students will practice skills learned in AUTOT 123; includes 2-3 on-site visits with student performance evaluations. Previously: AUTOT 191.

**Prerequisite Required:** AUTOA 123 completed with a 2.0 or higher.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## AUTOA 192 Automotive Service Technician Internship

### 2

### Units: 8

Cooperative internship requires employment in an automotive business where students will practice skills learned in AUTOT 124; including on-site visits with student for performance evaluations 2-3 times per quarter. Previously: AUTOT 192.

**Prerequisite Required:** AUTOA 124 completed with a 2.0 or higher.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## AUTOA 295 Special Topics In Automotive Technology

### Units: 4

Classes focusing on specific issues and/or topics of interest in Automotive Technology. Previously: AUTOT 294.

**Grading Basis:** Graded

## AUTOA 297 Individual Projects In Automotive Technology

### Units: 1

Individual project in a specific area of Automotive Technology.

Previously: AUTOT 297.

**Grading Basis:** Graded

## AUTOA 298 Individual Projects In Automotive Technology

### Units: 2

Individual project in a specific area of Automotive Technology.

Previously: AUTOT 298.

**Grading Basis:** Graded

## AUTOA 299 Individual Project in Automotive Technology

### Units: 3

Individual project in a specific area of Automotive Technology.

Previously: AUTOT 299.

**Grading Basis:** Graded

## AUTOC 170 Fundamentals of FCA Auto Service Training

### Units: 3

This course introduces students to the automotive repair industry. Includes new model product information, customer satisfaction index (CSI), safety, proper tool usage, basic servicing, shop practices, and vehicle inspection. Minimum 2.0 required.

Previously: AUTOT 170C

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOC 171 M-CAP Engine Repair

### Units: 8

The class covers the components, design, construction and operation of the internal combustion engine/powerplant. Engine removal, disassembly, inspection, measurement, repair, and reassembly are covered. Engine diagnostics and testing are performed. Minimum 2.0 required. Previously: AUTOT 171C.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOC 172 M-CAP Brake Systems

### Units: 8

The class covers brake theory, inspection, diagnosis, repair and adjustment of disc/drum type systems; including hydraulic, power assist, and parking brake systems. Theory, service, and diagnosis of anti-lock systems. Minimum 2.0 required. Previously: AUTOT 172C.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 173 M-CAP Steering & Suspension Systems

#### Units: 8

The class covers steering, suspension, and wheel alignment including diagnosis, inspection, repair and maintenance. Also, tire service and wheel balance. Minimum 2.0 required. Previously: AUTOT 173C.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 174 M-CAP Gear Trains and Transaxles

#### Units: 8

The class covers the design, construction, and operation of front, rear, and all-wheel drive systems. Gear train diagnosis, removal, disassembly, inspection, measurement, repair, reassembly, and installation; includes drive axle, hubs, and transfer case service. Minimum 2.0 required. Previously: AUTOT 174C.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 175 M-CAP Engine Management and Emissions Systems

#### Units: 8

The class covers theory, diagnostic testing and repair of ignition, fuel injection, air induction, sensors, actuators, on-board diagnostics, and emission systems. Students learn to use electronic analyzers and diagnostic scanners. Minimum 2.0 required. Previously: AUTOT 175C

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 176 M-CAP Electrical Systems

#### Units: 9

The class covers theory, diagnosis, testing, repairing or replacing automotive electrical systems. Multiplexed and microprocessor-controlled systems included. Emphasis on reading wiring diagrams and using electrical measuring devices and scan tools. Minimum 2.0 required. Previously: AUTOT 176C.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 177 M-CAP Automatic Transmissions/Transaxles

#### Units: 8

The class covers transmission/transaxle mechanical, hydraulic, and electrical operation. Service, overhaul, mechanical/electrical diagnosis procedures will be covered. Use and application of diagnostic equipment. Minimum 2.0 required. Previously: AUTOT 177C

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 178 M-CAP Heating and Air Conditioning

#### Units: 6

The class covers theory, operation, diagnosis, and service practices of automotive heating, ventilation and air conditioning systems. Identification, recovery, recycling, and recharging of R134A systems. Heating, ventilation, air conditioning (HVAC) controls and diagnosis. Use/application of diagnostic equipment. Minimum 2.0 grade required. Previously: AUTOT 178C.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 271 Applied Learning Engine Mechanical

#### Units: 6

This course reinforces the MOPAR Engine Mechanical System theories and practical application learned in the MOPAR CAP Program. Minimum 2.0 grade is required. Previously: AUTOT 271C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 272 Applied Learning Brake Systems

#### Units: 6

This course reinforces the MOPAR Brakes System theories and practical application learned in the MOPAR CAP Program. Minimum 2.0 grade required. Previously: AUTOT 272C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 273 Applied Learning Steering & Suspension Systems

#### Units: 6

This course reinforces the MOPAR Steering & Suspension theories and practical application learned in the FCA Mopar CAP Program. Minimum 2.0 grade is required. Previously: AUTOT 273C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 274 Applied Learning Manual Transmissions/Transaxles

#### Units: 6

Students will participate in a variety of online activities to support their understanding and application of vehicle repairs related to manual transmissions/transaxles. Minimum 2.0 required. Previously: AUTOT 274C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 275 Applied Learning Engine Performance

#### Units: 6

This course reinforces the MOPAR Engine Performance System theories and practical application learned in the MOPAR CAP Program. A minimum 2.0 required. Previously: AUTOT 275C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 276 Applied Learning Electrical Systems

#### Units: 6

This course reinforces the MOPAR Electrical System theories and practical application learned in the MOPAR CAP Program. Minimum 2.0 required. Previously: AUTOT 276C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 277 Applied Learning Auto Transmissions

#### Units: 6

Students will participate in a variety of online activities to support their understanding and application of vehicle repairs related to automatic transmissions/transaxles. Minimum 2.0 required.

Previously: AUTOT 277C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOC 278 Applied Learning Heating and Air Conditioning

#### Units: 6

This course reinforces the MOPAR Heating and Air Conditioning System theories and practical application learned in the MOPAR CAP Program. Minimum 2.0 required. Previously: AUTOT 278C.

**Prerequisite Required:** Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 170 Fundamentals of GM Auto Service Training

#### Units: 8

Introduction to the automotive repair industry. Includes GM new model product information, customer satisfaction index (CSI), safety, proper tool usage, basic servicing, shop practices, and vehicle inspection.

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 171 General Motors Engine Repair

#### Units: 8

The components, design, construction and operation of the internal combustion engine/powerplant will be studied. Engine removal, disassembly, inspection, measurement, repair, and reassembly are covered. Engine diagnostics and testing are performed. Previously: AUTOT 171G.

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 172 GM Brake Systems

#### Units: 8

Brake theory, inspection, diagnosis, repair and adjustment of disc/drum type systems, including hydraulic, power assist, and parking brake systems. Theory, service, and diagnosis of anti-lock systems. Previously: AUTOT 172G.

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 173 GM Steering & Suspension Systems

#### Units: 8

Steering, suspension, and wheel alignment includes diagnosis, inspection, repair and maintenance. Also, tire service and wheel balance. Previously: AUTOT 173G.

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 174 GM Manual Gear Trains and Transaxles

#### Units: 8

The design, construction, and operation of front, rear, and all-wheel drive systems. Gear train diagnosis, removal, disassembly, inspection, measurement, repair, reassembly, and installation; includes drive axle, hubs, and transfer case service. Previously: AUTOT 174G.

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 175 GM Engine Management and Emissions Systems

#### Units: 8

Theory, diagnostic testing and repair of ignition, fuel injection, air induction, sensors, actuators, on-board diagnostics, and emission systems. Students learn to use electronic analyzers and diagnostic scanners. Previously: AUTOT 175G.

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 176 GM Electrical Systems

#### Units: 12

Theory, diagnosis, testing, repairing or replacing automotive electrical system components. Multiplexed and microprocessor-controlled systems included. Emphasis on reading wiring diagrams and using electrical measuring devices and scan tools. Previously: AUTOT 176G

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOG 177 GM Automatic Transmissions/Transaxles

#### Units: 8

Transmission/transaxle mechanical, hydraulic, and electrical operation. Service, overhaul, mechanical/electrical diagnosis procedures will be covered. Use and application of diagnostic equipment. Minimum 2.0 required to earn course credit. Previously: AUTOT 177G.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 178 GM Heating and Air Conditioning

### Units: 6

Theory, operation, diagnosis, and service practices of automotive heating, ventilation and air conditioning systems. Identification, recovery, recycling, and recharging of R134A systems. Heating, ventilation, air conditioning (HVAC) controls and diagnosis. Use/application of diagnostic equipment. Previously: AUTOT 178G.

**Prerequisite Required:** Minimum 2.0 required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 271 Applied Learning GM Engine Mechanical

### Units: 6

After completing this course the student will be able to diagnose, service and repair automotive electrical systems utilizing manufacturer specified procedures. Previously: AUTOT 271G.

**Prerequisite Required:** Completion of AUTOG 171 with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 272 Applied Learning GM Brake Systems

### Units: 6

This course reinforces the GM Brakes System theories and practical application learned in the GM ASEP Program. Demonstrate competency in applied learning activities. A minimum 2.0 grade is required to earn course credit. Previously: AUTOT 272G.

**Prerequisite Required:** AUTOG 172 with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## AUTOG 273 Applied Learning Steering & Suspension Systems

### Units: 6

This course reinforces the GM Steering & Suspension theories and practical application learned in the GM ASEP Program. Demonstrate competency in applied learning activities. A minimum 2.0 grade is required to earn course credit. Previously: AUTOT 273G.

**Prerequisite Required:** Completion of AUTOG 173 with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 274 Applied Learning GM Manual Drivetrain Systems

### Units: 6

Participate in a variety of online activities to support their understanding and application of vehicle repairs related to the GM manual drivetrains and related systems. Previously: AUTOT 274G.

**Prerequisite Required:** Completion of AUTOG 174 with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 275 Applied Learning GM Engine Performance

### Units: 6

After completing this course the student will demonstrate the ability to work as an entry level technician in a new car dealership service department as an integral part of the service department team. Previously: AUTOT 275G.

**Prerequisite Required:** Successful completion of AUTOG 175 with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 276 Applied Learning GM Electrical Systems

### Units: 6

Students enrolled in the factory-specific programs will work at a new car-truck dealership as an apprentice technician. Skills learned in the prerequisite class will be applied, and expanded upon both on the job and in the classroom. Previously: AUTOT 276G.

**Prerequisite Required:** Completion of AUTOG 176 with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 277 Applied Learning Transmissions/Transaxles

### Units: 6

Participate in a variety of online activities to support their understanding and application of vehicle repairs related to the automatic transmissions/transaxles. Previously: AUTOT 277G.

**Prerequisite Required:** Completion of AUTOG 177 with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility is required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOG 278 Applied Learning GM Heating & Air Cond Systems

**Units: 6**

Course reinforces the GM Heating & Air Conditioning systems theories and skills learned in the GM ASEP Program. Demonstrate competency in applied learning activities. Previously: AUTOT 278G.

**Prerequisite Required:** Completion of AUTOG 178 with a 2.0 or higher. Employment in a sponsoring GM Dealership or AC Delco approved repair facility is required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 170 Fundamentals of Honda Auto Service Training

**Units: 8**

This course introduces students to the automotive repair industry. Includes new model product information, customer satisfaction index (CSI), safety, proper tool usage, basic servicing, shop practices, and vehicle inspection. Minimum 2.0 required to earn course credit.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 171 Honda Engine Repair

**Units: 8**

The components, design, construction and operation of the internal combustion engine/powerplant will be studied. Engine removal, disassembly, inspection, measurement, repair, and reassembly are covered. Engine diagnostics and testing are performed. Minimum 2.0 required to earn course credit.

Previously: AUTOT 171H

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 172 Honda Brake Systems

**Units: 8**

Brake theory, inspection, diagnosis, repair, and adjustment of disc/drum type brake systems; including hydraulic, power assist, and parking brake systems. Theory, service, and diagnosis of anti-lock systems. Minimum 2.0 required to earn course credit.

Previously: AUTOT 172H.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 173 Honda Steering and Suspension Systems

**Units: 8**

Steering, suspension, tire service, wheel balance, and wheel alignment theories and service practices including diagnosis, inspection, repair and maintenance. Minimum 2.0 required to earn course credit. Previously: AUTOT 173H

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 174 Honda Manual Gear Trains and Transaxles

**Units: 8**

The design, construction, and operation of front, rear, and all-wheel drive systems. Gear train diagnosis, removal, disassembly, inspection, measurement, repair, reassembly, and installation; includes drive axle, hubs, and transfer case service. Minimum 2.0 required to earn course credit. Previously: AUTOT 174H.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 175 Honda Engine Management and Emissions Systems

**Units: 8**

Theory, diagnostic testing and repair of ignition, fuel injection, air induction, sensors, actuators, on-board diagnostics, and emission systems. Students learn to use electronic analyzers and diagnostic scanners. Minimum 2.0 required. Previously: AUTOT 175H.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 176 Honda Electrical Systems

**Units: 12**

Theory, diagnosis, testing, repairing or replacing automotive electrical system components. Multiplexed and microprocessor-controlled systems included. Emphasis on reading wiring diagrams and using electrical measuring devices and scan tools. Previously: AUTOT 176H.

**Prerequisite Required:** Minimum 2.0 required to earn course credits.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 177 Honda Automatic Transmissions/Transaxles

**Units: 8**

Transmission/transaxle mechanical, hydraulic, and electrical operation. Service, overhaul, mechanical/electrical diagnosis procedures will be covered. Use and application of diagnostic equipment. Minimum 2.0 required to earn course credit.

Previously: AUTOT 177H.

**Course Typically Offered:** Summer, Fall, Winter, Spring

## AUTOH 178 Honda Heating and Air Conditioning

**Units: 6**

Theory, operation, diagnosis, and service practices of automotive heating, ventilation and air conditioning systems. Identification, recovery, recycling, and recharging of R134A systems. Heating, ventilation, air conditioning (HVAC) controls and diagnosis. Use/application of diagnostic equipment. Previously: AUTOT 178H.

**Prerequisite Required:** Minimum 2.0 grade required to earn course credit.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOH 271 Applied Learning Engine Mechanical

**Units: 6**

This course expands upon and reinforces the Honda Engine repair skills and theories learned in the Honda PACT Program. Students apply skills learned in field exercises. Minimum 2.0 grade required to earn course credit. Previously: AUTOT 271H.

**Prerequisite Required:** Successful completion of AUTOH 171 (2.0 or higher). Employment in a sponsoring Honda/Acura dealership is required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOH 272 Applied Learning Brake Systems

**Units: 6**

This course reinforces the Honda Brakes System theories and practical application learned in the Honda PACT Program. Students will demonstrate competency in applied learning activities. A minimum 2.0 grade is required to earn course credit. Previously: AUTOT 272H.

**Prerequisite Required:** Employment by a Honda/Acura dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOH 273 Applied Learning Steering & Suspension Systems

**Units: 6**

This course reinforces the Honda Steering & Suspension theories and practical application learned in the Honda PACT Program. Students will demonstrate competency in applied learning activities. A minimum 2.0 grade is required to earn course credit. Previously: AUTOT 273H.

**Prerequisite Required:** Employment by a Honda/Acura dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOH 274 Applied Learning Transmissions/Transaxles

**Units: 6**

Students will participate in a variety of online activities to support their understanding and application of vehicle repairs related to the manual and automatic transmissions/transaxles. Minimum 2.0 grade required to earn course credit. Previously: AUTOT 274H.

**Prerequisite Required:** Employment by a Honda/Acura dealership is required.

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOH 275 Applied Learning Engine Performance

**Units: 6**

This course expands upon, and reinforces the Honda Engine Management and Emission Systems skills and theories learned in the Honda PACT Program. Students apply skills learned in field exercises. Minimum 2.0 grade required to earn course credit. Previously: AUTOT 275H.

**Prerequisite Required:** Successful completion of AUTOH 175 (2.0 or higher). Employment in a sponsoring Honda/Acura dealership is required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOH 276 Applied Learning Electrical Systems

**Units: 6**

This course expands upon and reinforces the Honda Electrical Systems skills and theories learned in the Honda PACT Program. Students apply skills learned in field exercises. Minimum 2.0 grade to receive course credit. Previously: AUTOT 276H.

**Prerequisite Required:** AUTOH 176 (2.0 or higher).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOH 278 Applied Learning Heating & Air Cond Systems

**Units: 6**

This course expands upon, and reinforces the Honda Heating & Air Conditioning systems skills and theories learned in the Honda PACT Program. Students apply skills learned in field exercises. Minimum 2.0 grade required to earn course credit. Previously: AUTOT 278H.

**Prerequisite Required:** AUTOH 178 (2.0 or higher). Employment in a sponsoring Honda/Acura dealership is required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### AUTOT 130 Toyota Professional Certification

**Units: 12**

Professional Certification course for Toyota and/or Lexus Dealership Technicians. Content covers eight (8) of the courses required to be a Toyota Certified Technician or a Lexus Senior Technician. Focus is on components, operation, and the 6-step diagnostic process for Toyota and Lexus vehicle systems.

**Prerequisite Required:** 1.-Journeyman Technician with 2 years work experience in a new car dealership or Journeyman Technician with 4 years experience in an automotive aftermarket repair facility; 2.-ASE Certifications in at least 2 areas (A1-A8); 3.- Current employment at a Toyota or Lexus Dealership.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter, Spring

### AUTOT 180 Fundamentals of Auto Service Training

**Units: 6**

This course introduces students to the automotive industry and presents an overview of vehicle and dealership systems. Includes new model product information, customer satisfaction index (CSI), safety, basic servicing, shop practices, and new/used vehicle inspection. Previously: AUTOT 180T.

**Course Typically Offered:** Fall

### AUTOT 181 Engine Repair

**Units: 7**

Engine Mechanical system components, design, construction, and operation of the internal combustion engine. Includes engine removal, disassembly, inspection, measurement, repair and reassembly. Engine diagnostics and testing are performed. Previously: AUTOT 181T.

**Prerequisite Required:** AUTOT 186 with a 2.0 or higher.

**Course Typically Offered:** Summer, Fall, Winter, Spring



### AUTOT 183 Brakes and Suspension

**Units: 16**

Brake theory, inspection, diagnosis, repair and adjustment of disc/ drum type systems. Includes hydraulic, power assist, parking and anti-lock systems (ABS). Steering and suspension systems inspection, maintenance, diagnosis, and repair. Includes wheel balance and alignment. Previously: AUTOT 183T.

**Prerequisite Required:** AUTOT 186 with a 2.0 or higher.

**Course Typically Offered:** Summer

### AUTOT 184 Manual Gear Trains and Transaxles

**Units: 6**

Manual transmission design, construction, operation, inspection, maintenance, diagnosis and repair on front, rear and all-wheel drive systems. Includes drive axles, differentials, hubs, transfer case service, and overhaul procedures. Previously: AUTOT 184T.

**Prerequisite Required:** AUTOT 186 with a 2.0 or higher.

**Course Typically Offered:** Winter

### AUTOT 185 Engine Control Systems

**Units: 12**

Engine control systems theory, design, inspection, testing, diagnosis, and repair. Systems include ignition, fuel injection, air induction, engine control sensors, and engine control actuators. Emphasis is on using the correct diagnostic tools and procedures. Previously: AUTOT 185T,

**Prerequisite Required:** AUTOT 186 with a 2.0 or higher.

**Course Typically Offered:** Spring

### AUTOT 186 Electrical Systems

**Units: 16**

Automotive electrical systems theory, construction, components, testing, diagnosis, and repair. Includes non-multiplexed, multiplexed, and microprocessor-controlled systems. Emphasis is on reading wiring diagrams and using electrical diagnostic tools and scan tools. Previously: AUTOT 186T.

**Course Typically Offered:** Fall

### AUTOT 187 Automatic Transmissions/Transaxles

**Units: 9**

Automatic transmission/transaxle theory, operation, inspection, testing, diagnosis, and repair of mechanical, hydraulic and electrical systems. Includes remove and reinstall. Emphasis on using the proper diagnostic procedures and tools to diagnose faults in the system. Previously: AUTOT 187T.

**Prerequisite Required:** AUTOT 186 with a 2.0 or higher.

**Course Typically Offered:** Winter

### AUTOT 188 Heating and Air Conditioning

**Units: 6**

Heating, ventilation and air conditioning (HVAC) system theory, operation, testing, diagnosis, and proper service practices. Includes identification, recovery, recycling, and recharging automotive HVAC systems. Emphasis is on using proper diagnostic procedures and tools. Previously: AUTOT 188T.

**Prerequisite Required:** AUTOT 186 with a 2.0 or higher.

**Course Typically Offered:** Summer

### AUTOT 189 Engine Emission Management Systems

**Units: 6**

Engine emission management systems theory, components, testing, diagnosis, and repair. Emphasis is on using scan tools to interface with vehicle on-board diagnosis (OBD-II) to diagnose faults in the emission control systems. Previously: AUTOT 189T.

**Prerequisite Required:** AUTOT 185 with a 2.0 or higher.

**Course Typically Offered:** Winter

### AUTOT 281 T-TEN Cooperative Internship 1

**Units: 10**

T-TEN students enrolled in this course work at a Toyota or Lexus Dealership as an apprentice technician. This cooperative working/learning experience (in-dealership) is to apply and further develop skills learned during the previous instructional course. Cooperation involves the students, dealerships, manufacturer, and the college.

**Prerequisite Required:** AUTOT 186 with 2.0 grade minimum.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOT 282 T-TEN Cooperative Internship 2

**Units: 10**

T-TEN Students enrolled in this course work at a Toyota or Lexus Dealership as an apprentice technician. This cooperative working/learning experience (in-dealership) is to apply and further develop skills learned during the previous instructional quarter. Cooperation involves the students, dealerships, manufacturer, and the college.

**Prerequisite Required:** AUTOT 185 with 2.0 grade minimum.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### AUTOT 283 T-TEN Cooperative Internship 3

**Units: 10**

T-TEN students enrolled in this course work at a Toyota or Lexus Dealership as an apprentice technician. This cooperative working/learning experience (in-dealership) is to apply and further develop skills learned during the previous instructional course. Cooperation involves the students, dealerships, manufacturer, and the college.

**Prerequisite Required:** AUTOT 183 with 2.0 grade minimum.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

## AUTOT 284 T-TEN Cooperative Internship 4

**Units: 10**

T-TEN students enrolled in this course work at a Toyota or Lexus Dealership as an apprentice technician. This cooperative working/learning experience (in-dealership) is to apply and reinforce skills learned during the previous instructional course. Cooperation involves the students, dealerships, manufacturer, and the college.

**Prerequisite Required:** AUTOT 187 with 2.0 grade minimum.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## AUTOT 285 Toyota Hybrid Vehicles

**Units: 7**

Safety, theory, operation and diagnosis for Toyota/Lexus hybrid drive train systems are covered in this course. Includes high-level diagnostic strategies. Previously: AUTOT 285T.

**Prerequisite Required:** AUTOT 189 with a 2.0 GPA or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

## Biology

### BIOL 90 Biology Special Lab

**Units: 1-3**

This class is an opportunity for tutorial instruction for students in biological subject matter areas where assistance may be needed. No appointments are necessary. Come in when you need help. An instructor/tutor is available.

**Prerequisite Required:** Registration in a biology class.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### BIOL 91 Biology Success Strategies

**Units: 1**

Students learn organizational and time management skills, skills for independent learning, problem-solving approaches, test-taking strategies, vocabulary and techniques that promote confidence and success in biology. Concurrent enrollment in any 200-level BIOL course required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### BIOL 107 Biology and Society

**Units: 5**

This non-majors lab course examines the basic biological principles that underlie many of the issues facing our society. Among the topics addressed will be human impact on the environment and biodiversity, genetically modified organisms, gene therapy, stem cells, evolution and natural selection.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 110 Biotechnology: Science, Applications/Implications

**Units: 3**

This overview class will cover current topics in Biotechnology. It will include basic elements of the science, current and expected capabilities and products, the structure of the industry, impact on society and the health care field and social questions.

**Prerequisite Required:** High School Biology, Chemistry, and English are suggested. Placement at or above ENGL 99 level required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Non-Lab

## BIOL 111 Principles of Biomanufacturing - Part 1

**Units: 3**

This class focuses on protein production in prokaryotic and eukaryotic cells and how this knowledge is applied to biomanufacturing. This course is limited to students accepted into the Biomanufacturing Training Program for High School Students.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 112 Principles of Biomanufacturing - Part 2

**Units: 3**

This class focuses on protein production in eukaryotic cells and the methods by which differences in protein biochemistry can be used to design protein purification protocols. This course is limited to students accepted into the Biomanufacturing Training Program for High School Students.

**Prerequisite Required:** A minimum grade of 2.0 in BIOL 111.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 113 Principles of Biomanufacturing - Part 3

**Units: 3**

This class focuses on the analysis of purified proteins and the role of the FDA in regulating and approving protein therapeutics. It will involve analysis of biomanufacturing case studies. This course is limited to students accepted into the Biomanufacturing Training Program for High School Students.

**Prerequisite Required:** Minimum grade of 2.0 in BIOL 112.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 124 Northwest Flora

### Units: 5

Plant classification, field study, and laboratory identification of common Pacific Northwest plant families and investigating the ecology, cultural uses & conservation of plants at the local & global level. Laboratory.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 126 Sustainable Gardening/Horticulture

### Units: 5

This lab science course teaches environmentally responsible gardening practices and landscaping. Content includes plant identification, plant anatomy, soils, fertilizers/composting, integrated pest management, and water conservation.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 140 The Science of Cannabis

### Units: 3

Course will investigate the active compounds of cannabis and their various effects on human physiology in contrast with alcohol, nicotine, and morphine. Included are genetics and medical uses of cannabis. Historical perspectives on prohibition/legalization, and modern laws related to testing will be included.

**Prerequisite Required:** ENGL& 101 with grade of at least 2.0.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 144 Marine Biology

### Units: 5

A study of local marine organisms and the environments in which they live. Laboratory and field work are designed to implement this study. Local field trips are included. BIOL 144 and BIOL 244 are taught concurrently. BIOL 144 is designed for non-science majors.

**Prerequisite Required:** ENGL 99 with a a grade of at least 2.0 and placement into MATH 99 recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 150 Epidemics & Culture

### Units: 5

Students will explore epidemic disease from multiple perspectives, including scientific, political, economic, religious, and artistic. The Bubonic Plague of the Middle Ages will serve as a paradigm for studying individual and cultural responses to other historical and modern epidemics.

**Prerequisite Required:** Completion of ENGL 99 or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter

**This course fulfills a distribution requirement for:** Science Non-Lab

## BIOL 244 Marine Biology for Science Majors

### Units: 5

A study of local marine organisms and the environments in which they live. Laboratory and field work are designed to implement this study. Local field trips are included. BIOL 144 and BIOL 244 are taught concurrently.

**Prerequisite Required:** BIOL& 211 with 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 245 Introduction to Aseptic Technique

### Units: 2

The objective of this 2 credit course is to prepare students with basic skills of aseptic techniques in biomanufacturing environment. The course will offer a basic training and evaluation in aseptic handling of product and knowledge of cleaning and disinfection to prevent microbial contamination.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 246 Cleanroom Dynamics and Intro to Bioreactors

### Units: 2

Introduces basic principles of bioreactor operation and cleanroom use and maintenance. Provides hands-on experience with sterilizing, assembling, and running bioreactors. Offers training in the selection, donning, and use of personal protective equipment typically used in cleanroom settings of various ISO level.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 247 Quality Assurance and Quality Control

### Units: 2

The objective of this course is to prepare students for understanding the role of quality assurance and quality control units in overall product quality as well as the use of agency guidance documentation. The course will introduce the methods used to achieve and ensure product quality in the pharmaceutical industry.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 248 Introduction to Regulatory Affairs

**Units: 2**

The course provides an overview of regulatory affairs and its importance in product development in the pharmaceutical industry. It provides an understanding of the phases of drug development process and describes market approval process and procedures and helps students identify post-marketing regulatory activities.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 249 Tissue Culture and Staining

**Units: 4**

Introduction to theory and concepts of animal cell & tissue culturing. Teaches the fundamentals in tissue culture techniques, subculturing & maintenance of cell lines. Skills also include: cell viability testing, cell counting, feeding of cell lines & quality control.

**Prerequisite Required:** BIOL& 211 with 2.0 or better.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 250 GMP: Technical Writing and Documentation

**Units: 2**

The purpose of this course is to provide a comprehensive overview of current good manufacturing practices, with an emphasis on the role of proper documentation and how it is used to provide a history of the manufacturing process. The course emphasizes the development of logs, quality control records, batch record processing records, and the requirements of standard operating procedures (SOPs). The training provided will include case studies to clarify the subject material and illustrate real-life scenarios. In addition, this course will also provide instructions on technical writing that will equip the student with the written communication skills needed for working in the pharmaceutical industry.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 265 Solution and Media Preparation

**Units: 2**

Preparation of media and solutions commonly used in biotechnology laboratories. Use of basic lab tools such as pipettors, pH meters, scales, centrifuges, autoclaves and spectrophotometers, and lab notebook maintenance.

**Prerequisite Required:** High school Biology and Chemistry or instructor approval.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 266 Media and Solution Preparation II

**Units: 2**

Preparation of media and solutions commonly used in biotechnology laboratories. Use of basic lab tools such as pipettors, pH meters, scales, centrifuges, autoclaves and spectrophotometers. Use of MDS, GLP procedures and lab safety.

**Prerequisite Required:** High school Biology and Chemistry or instructor approval.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 270 Molecular Biology

**Units: 3**

Provides a basic understanding of the molecular mechanisms that underlie cellular processes, such as gene regulation, the secretory pathway, cell signaling, and the cell cycle.

**Prerequisite Required:** BIOL& 211 with 2.0 or better.

Recommended CHEM& 131.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Science Non-Lab

## BIOL 272 Rec DNA Tech Lab

**Units: 3**

This laboratory course focuses on the laboratory techniques and practical applications of recombinant DNA techniques, including the polymerase chain reaction, gene cloning with plasmid and viral vectors, regulation of recombinant protein expression in bacterial and mammalian systems, SDS-PAGE and Western blot, and uses of CRISPR/Cas9.

**Prerequisite Required:** BIOL 270 with a grade of 1.8 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 273 Recombinant DNA Techniques Lecture

**Units: 3**

This lecture course focuses on the theory and concepts of recombinant DNA techniques, including applications of polymerase chain reaction, gene cloning with plasmid and viral vectors, regulation of recombinant protein expression in bacterial and mammalian systems, SDS-PAGE and Western blot, and uses of CRISPR/Cas9.

**Prerequisite Required:** BIOL 270 with 1.8 or better or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Science Non-Lab

### BIOL 274 Molecular Biology Lab

**Units: 3**

Laboratory course emphasizing hands-on experience with molecular biological techniques utilized in modern research laboratories. Techniques include gene cloning, PCR, DNA and protein electrophoresis, and protein purification.

**Prerequisite Required:** BIOL& 211 with 2.0 or better and concurrent with BIOL 270. CHEM& 131 recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Science Lab

### BIOL 275 Recombinant DNA Techniques Lecture

**Units: 6**

This lecture course focuses on the theory and concepts of recombinant DNA techniques, including applications of polymerase chain reaction, gene cloning with plasmid and viral vectors, regulation of recombinant protein expression in bacterial and mammalian systems, SDS-PAGE and Western blot, and uses of CRISPR/Cas9.

**Prerequisite Required:** BIOL 270 with 1.8 or better or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Science Lab

### BIOL 276 Immunology Lecture

**Units: 3**

This course focuses on the concepts necessary to understand the cellular, molecular and genetic basis of the immune system. Emphasis will be placed on antigen and antibody structure and function, antibody production, cellular-based immunity, and the major histocompatibility complex.

**Prerequisite Required:** BIOL 270 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Non-Lab

### BIOL 277 Immunology

**Units: 6**

This course focuses on the concepts and laboratory procedures necessary to understand the cellular, molecular and genetic basis of the immune system. Emphasis will be placed on antigen and antibody structure and function, antibody production, cellular based immunity, and the major histocompatibility complex.

**Prerequisite Required:** BIOL 270 or permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

### BIOL 279 Biotechnology Techniques

**Units: 3**

Students learn basic Biotechnology lab manufacturing and production techniques used to isolate and purify recombinant and/or therapeutic proteins in academic and industrial research laboratories.

**Prerequisite Required:** BIOL 270, BIOL 274 with 2.0 or better or permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### BIOL 280 Seminar in Biotechnology

**Units: 1**

This course will focus on the skills needed to find internships and jobs in biotechnology. It will include speakers from the biotechnology industry, HR experts, and special topics such as cover letter and resume writing as well as interviewing skills.

**Prerequisite Required:** BIOL& 211 with a 2.0 or better plus completion of at least ten additional credits toward the AAAS degree or Certificate of Completion in the Biotechnology Lab Specialist Program or permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### BIOL 281 Immunology Lab

**Units: 3**

This course focuses on the concepts and laboratory procedures necessary to understand the cellular, molecular and genetic basis of the immune system. Emphasis will be placed on antigen and antibody structure and function, antibody production, and the applications of antibody-based diagnostics.

**Prerequisite Required:** BIOL 270 and BIOL 276 [or concurrent enrollment in BIOL 276] with a 2.0 or better or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

### BIOL 285 Basics of Bioinformatics

**Units: 2**

This course will present the basic principles of genomic and proteomic analysis using public databases. Emphasis will be placed on hands-on training using BLAST searches to analyze protein and DNA sequences, using Entrez to study genomic structures and Cn3D to study protein structure.

**Prerequisite Required:** BIOL 270 or equivalent experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 286 Molecular Lab Techniques in Medical Diagnostics

### Units: 2

Practical experience using molecular techniques, such as PCR and ELISA, for medical diagnostic assays. Emphasis will be placed on understanding theory, experimental design, interpretation of results, and the limitations of these assays.

**Prerequisite Required:** BIOL& 211, BIOL& 260.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 288 Basic Principles of Flow Cytometry

### Units: 2

This course will present the theory of flow cytometry as well as provide practical laboratory experience using the instrumentation. Students will receive hands-on training calibrating and troubleshooting a flow cytometer, preparing and staining cells for analysis, data collection and analysis of data.

**Prerequisite Required:** BIOL 270/BIOL 274, BIOL 277 or equivalent.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 290 Internship

### Units: 1-2

This course is a cooperative education experience that provides students with work experience in the biotechnology industry. Open only to students currently in the Biotechnology program who have completed at least 10 additional credits toward the AAAS degree or Certificate of Completion.

**Prerequisite Required:** BIOL& 211 with a 2.0 or better plus completion of at least 10 additional credits toward the AAAS degree or Certificate of Completion in the Biotechnology Lab Specialist Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 292 Special Topics in Biology

### Units: 2

Class focusing on the protocols involved in DNA barcoding including: sample collection, genomic DNA isolation, PCR, DNA sequence analysis etc.

**Prerequisite Required:** BIOL 107, BIOL& 211 or CHEM xxx with a grade of 2.0 or higher

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## BIOL 293 Molecular Biology Research

### Units: 3

Class focusing on the protocols involved in molecular biology research including: sample collection, genomic DNA isolation, PCR, and DNA sequence analysis. Provides an opportunity for undergraduate lab research.

**Prerequisite Required:** BIOL 107, or BIOL& 211, or CHEM& 121, with a grade of 2.0 or higher, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Science Lab

## BIOL 297 Individual Project in Biology

### Units: 1

Individual project in a specific area of BIOL. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## BIOL 298 Individual Project in Biology

### Units: 2

Individual project in a specific area of BIOL. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## BIOL 299 Individual Project in Biology

### Units: 3

Individual project in a specific area of BIOL. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## BIOL& 170 Human Biology

### Units: 5

Introduction to the systems of the human body. Structures and functions of these systems will be stressed along with unifying principles such as nutrition, sex, genetics, environment, exercise and the aging process.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Non-Lab

### BIOL& 211 Majors Cellular: Biology

**Units: 5**

Examines the cell as the basic unit of life. Topics covered include: the function of cell organelles, metabolic processes, cell division signaling, the genetics of individuals and populations. For life science majors and allied health students. Laboratory class.

**Prerequisite Required:** CHEM& 121 with 2.0 or better. ENGL& 101 recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### BIOL& 212 Majors Animal: Biology

**Units: 5**

A survey of animals involving a study of the identification structure and function. Evolution, embryology, and ecology of the kingdom is included. The emphasis is on phylogenetic relationships among animals and the ecological relationships within the kingdom. Laboratory class.

**Prerequisite Required:** BIOL& 211 with 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### BIOL& 213 Majors Plant: Biology

**Units: 5**

Survey of major taxonomic groups Fungi, Protista and Plantae. Study of morphology, physiology and reproductive patterns and evolutionary relationships. Origins of life, development of ecosystems, succession and features of the major terrestrial biomes. Laboratory class.

**Prerequisite Required:** Minimum of 2.0 in BIOL& 211, or permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Science Lab

### BIOL& 231 Human Anatomy

**Units: 5**

Understanding the structure of the human body through the study of the various body systems. Intensive laboratory dissection and lectures are utilized. Laboratory class.

**Prerequisite Required:** BIOL& 211 with 2.0 or higher.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Science Lab

### BIOL& 232 Human Physiology

**Units: 5**

A systems approach to the study of the functions of the human body. Includes the nervous, muscular, circulatory, endocrine, respiratory, digestive and urogenital systems. Laboratory class.

**Prerequisite Required:** BIOL& 211 and BIOL& 231 or permission.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Science Lab

### BIOL& 241 Human Anatomy & Physiology I

**Units: 5**

The first of a two-quarter sequence of human anatomy and physiology intended for students pursuing careers in allied health fields. The course covers histology and the structure and function of the integumentary, skeletal, muscular, and nervous systems and the special senses. Laboratory includes dissection of animal specimens.

**Prerequisite Required:** BIOL& 211 with 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### BIOL& 242 Human Anatomy and Physiology II

**Units: 5**

The second of a two-quarter sequence of human anatomy and physiology intended for students pursuing careers in allied health fields. The course covers structure and function of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Laboratory includes dissection of animal specimens.

**Prerequisite Required:** BIOL& 241 with 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### BIOL& 260 Microbiology

**Units: 5**

Survey of microorganisms with focus on healthcare applications. Structure, classification, metabolism and genetics of bacteria and viruses are main themes. Emphasis on disease process, microbial control and immunology. Laboratory techniques include isolation and identification of bacteria.

**Prerequisite Required:** BIOL& 211 with minimum 2.0.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

## Business

### BUS 102 Business Mathematics

**Units: 5**

Develop analytical skills using estimating, ratio-proportion, percents, graphing, trade/cash discounts, merchandising, simple/compound interest and credit. The course contains elements of communication, critical thinking and problem solving.

**Prerequisite Required:** Placement into MATH 46 or MATH 47 or MATH 49 or ALEKS score of 14 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 103 Multiculturalism in the Workplace

### Units: 3

Explore multicultural understanding in the workplace from a business leadership perspective. Develop a personal and historical understanding of power and privilege to understand how multiculturalism can make businesses successful.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Multicultural Understanding:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 104 Human Relations in Business

### Units: 5

Study of human relations in organizations, the identification and development of factors which tend to create a harmonious environment in work situations, discussion and case studies in problem solving and organizational behavior.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Human Relations:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 105 Essentials of Human Relations

### Units: 2

This interactive class will cover strategies on effective communication in organizations. It will also discuss human behavior, motivation and leadership styles and provide tools on how to be a better employee, who understands the value of a diverse workforce.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Human Relations:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 106 Customer Service

### Units: 3

Develop skills in customer service. Topics include developing communication skills; instructing clients to use services/products; and how to develop customer loyalty.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 107 Computer 10-Key

### Units: 2

Learn the touch-key method on a computer 10-key pad. Previously: BUSTC 107

**Grading Basis:** Student Option

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 108 Tech & Web Essentials

### Units: 5

Provides an overview of personal and business digital tools in a *Windows-based environment*. Students will learn the basics of OS-based utilities, data storage systems, Microsoft Office 365 applications, email management, data privacy and security concepts, information integrity issues, and business technology practices. Course projects include creating/modifying word processing, spreadsheet, and presentation documents; creation of file organization and email management plans; researching data privacy and cybersecurity practices; and evaluating and using online resources to solve problems independently. Previously: BUSTC 105

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101 or equivalent, or instructor permission.

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 120 Principles of Marketing

### Units: 5

Provides a foundation for marketing in profit and not-for-profit organizations. Assess how an effective marketing strategy combines product, price, promotion and distribution to influence demand. Upon completion, students will be able to apply marketing principles to organizational decision-making.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 130 Principles of Fashion

### Units: 5

Students will experience the fast changing world of fashion by looking at topics such as trend analysis, design, fashion production, textiles, marketing of fashion and consumer behavior. The course explores fashion from design idea to the retail store.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 135 Retail Marketing

### Units: 5

Students develop integrated marketing skills to plan and operate a retail business. Students explore buyer behavior, retail strategies, site analysis, inventory planning, retail buying, merchandising, staffing, & sales promotion strategies.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer



## BUS 141 Purchasing & Supply Management Fundamentals

### Units: 5

Introduction to the basic principles of purchasing and supply chain management with emphasis on understanding the purchasing and supply processes, organizational concepts, policy, relationships, and tools and techniques including cost/price analysis, and value analysis.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 142 Sourcing and Supplier Relations Fundamentals

### Units: 5

Sourcing concepts, methods and techniques used to manage an organization's supply base are discussed. Emphasis is on strategic sourcing, including supplier selection, development and evaluation, supplier quality, and global sourcing.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 143 Materials Management

### Units: 4

A critical examination of materials management principles, concepts and activities, including purchasing, inventory control, traffic, store-keeping, receiving, inspection, production control and the disposal of surplus.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 144 Logistics and Transportation Fundamentals

### Units: 3

The course examines logistics principles, concepts and activities, including balancing logistic factors to achieve optimal performance. Topics include pricing analysis, regulatory restrictions, scheduling, protecting, warehousing, information systems, customer service, and shipping.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 150 Business Spreadsheet Fundamentals

### Units: 5

Business Spreadsheet Fundamentals provides a transferrable-skills overview of spreadsheet competencies and tools, using MS Excel 365 in a Windows-based environment. Students will learn the basics of the Excel user interface; data input and formatting for analysis; dataset and table data organization and evaluation; essential mathematical, statistical, logical, and financial calculations; pivot tables and chart, and presenting data with graphs. Course projects include creating/modifying spreadsheet documents; course file organization; and using textbook and online resources to evaluate spreadsheet data independently.

Previously: BUSTC 150

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101 or instructor permission, and completion of MATH 98 with a 2.0 or higher.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 160 Systems Thinking

### Units: 5

To thrive in today's increasingly interconnected world, the ability to frame, manage, and solve complex problems is essential. Learn to make meaningful connections within and between various systems. Use analytic and critical thinking skills to problem-solve complex business challenges and social problems.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 165 SQL for Data Analytics

### Units: 5

Learn to frame business challenges as data questions you can answer. Apply the fundamentals of database structure and SQL (Structured Query Language) to query databases, extract data, and organize it in a meaningful way. Gain hands-on experience with database servers and client tools while applying skills to real-world business scenarios.

**Prerequisite Required:** BUS 265 and MATH& 146, each with grade of 1.0 or better, and CS 121.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 180 Project Management I

### Units: 5

Examines the theory and practice of project management from a managerial perspective. Students define projects, determine resource requirements, write requests for proposals, outline contract requirements, define and sequence tasks, and create project schedules.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 181 Project Management II

### Units: 5

Not all projects fit into the traditional project framework. Agile projects are characterized by the use of short work iterations and incremental development of products, made possible by focusing on business priorities and customer value. The course provides an introduction to the Agile framework and common Agile methodologies.

**Prerequisite Required:** BUS 180 with a grade of 1.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 182 Project Management III

### Units: 5

Students gain experience on actual projects in a simulated professional environment. Learn to assess business need, develop business case, define project, estimate costs, schedule activities, assign resources, track progress, and present results for successful implementation.

**Prerequisite Required:** BUS 180 and BUS 181, each with a grade of 1.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 183 Project Management 1

### Units: 3

Project management techniques used in a broad range of business environments. Develop skills necessary in project initiation, planning and execution. This is the first of a two part series. BUS 184 is the second course in the series. These two courses together equal BUS 180.

**Prerequisite Required:** BUS 108 or equivalent skills.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 184 Project Management 2

### Units: 2

Project management techniques used in a broad range of business environments. Develop skills necessary in project initiation, planning and execution. This course plus BUS 183 equals BUS 180. This is the second course in a two course sequence. The first course is BUS 183.

**Prerequisite Required:** BUS 183 with a 2.0 or better

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 203 Contract Management

### Units: 4

The contract planning process, development, management and legal issues related to business agreements are examined. Emphasis is placed on contract development, pricing arrangements, & the Uniform Commercial Code (UCC); includes creating solicitation documents, contract clauses, evaluation and award criteria.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 205 Applied Business Law

### Units: 5

Develop legal skills particularly relevant to entrepreneurs, including methods of incorporation, contracts, intellectual property, liabilities, cyberlaw, employment law, ethics, bankruptcy, and social responsibility.

**Prerequisite Required:** ENGL& 101 or BTWRT 215.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 215 Introduction to International Business

### Units: 5

This course focuses on expanding businesses into overseas markets. Topics include globalization, global production, outsourcing and logistics, legal, cultural and ethical aspects of international business, international trade and investment, and global human resources management.

**Prerequisite Required:** BUS& 101 or permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 216 International Marketing and Import/Export Mgmt

**Units: 5**

Application of marketing principles on a transnational basis with particular emphasis on the cultural, legal, economic and political aspects of importing and exporting products, including supply chain management, role of the Internet and necessary documentation.

**Prerequisite Required:** BUS 120 or permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 217 Sustainability-Focused Leadership

**Units: 5**

Students explore individual and collective sustainability concepts, using stakeholder theory to evaluate the relationship between business activities, environmental impacts, and social justice. The tools explored in this class may be used to evaluate progress on sustainability in any enterprise, at any scale.

**Prerequisite Required:** Completion, with a grade of 2.0 or better, of BUS& 101 and BUS 160; or NRG 101; or NRG 110; or NRG 120 ; or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 218 Measuring and Reporting Sustainability Progress

**Units: 5**

Students explore frameworks and tools for measuring and reporting progress toward global sustainability. Emphasizes connections between environmental conditions, social justice, and business activities. Focus on transparency, ethics, and evolving best practices for both voluntary and regulatory reporting.

**Prerequisite Required:** Completion, with a grade of 2.0 or better, of BUS 217, NRG 101, NRG 110, or NRG 120, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 219 Sustainable Marketing

**Units: 5**

An analysis of an organization's opportunities to develop sustainable business practices related to effective marketing strategies. Sustainable marketing requires a new holistic paradigm with equal emphasis on environmental, social equity, and financial concerns.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 220 Advertising and Sales Promotion

**Units: 5**

Students explore the dynamic field of advertising, including how advertising is planned and created, how media is selected, negotiating costs of media, regulating advertising, and pursuing advertising careers. An advertising campaign project is a focal point for this class.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 225 Relationship Marketing

**Units: 5**

Learn how to cultivate more meaningful relationships with customers to ensure long-term satisfaction and brand loyalty. Explore how big data and social media impact the world of marketing. Students will develop strategies that reflect the importance of keeping and nurturing current customers, and how data collection informs that process.

**Prerequisite Required:** Recommended: BUS 120 and BUS 102 or MATH& 107 and ENGL& 101 or BTWRT 215.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 230 History of Fashion

**Units: 5**

Students will learn how fashion and textiles have changed from ancient times to present and how fashion is affected by social, psychological, economic, religious and cultural influences.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 235 Retail Buying and Management

**Units: 5**

This course focuses on the role of the retail buyer and manager, such as techniques for inventory planning, selecting merchandise, and merchandising strategies and merchandise control. Vendor relationships and human resources management are also emphasized.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 240 Introduction to e-Business

**Units: 5**

Examine Internet and electronic technologies as global forces that influence strategic business planning in relationships with customers, suppliers, employees and communities. Analyze case studies and develop e-business plans considering organizational, managerial, marketing and financial perspectives.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 245 eProcurement

**Units: 5**

Procurement strategies, options, methods, and solutions used to automate procurement, supplier management, and other supply chain activities are examined.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 247 Social Media Marketing

**Units: 5**

Explore how social media impacts business practices and marketing strategy. Learn best practices for using popular social media platforms to build customer relationships and generate sales. Develop strategies for establishing an effective social media presence for your organization. Recommended prerequisite: BUS 120 and ENGL 279.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 248 Digital Marketing

**Units: 5**

Develop an understanding of the dynamic internet marketplace, how search engines work, the components of an effective website, social media tactics, and the mechanics of paid search ranking. Gain experience in online display advertising, marketing campaign development, email marketing and using key performance indicators to analyze success. Prerequisites recommended: BUS 120 and BUS 102 or MATH& 107 and ENGL& 101 or BTWRT 215.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

## BUS 249 Market Research

**Units: 5**

Market research enables an organization to better understand target markets and customers. Learn how market research is used to solve problems, discover opportunities, optimize marketing, and increase revenue. Gain experience identifying problems, planning, conducting research, analyzing, reporting, and presenting findings.

**Prerequisite Required:** BUS 120, BTWRT 215 or ENGL& 101. Proficiency in Excel or Instructor Permission

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 250 Human Resource Management

**Units: 5**

This participative course looks at supervision in organizations. Students will learn how to manage others using motivation techniques, employee training and performance evaluation programs. The class will also look at real world management problems and how to solve them.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**Meets Requirements for Human Relations:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 255 Principles of Management

**Units: 5**

This course focuses on the organization of management, managerial functions and operations, division of responsibility, leadership and personnel functions, business control and procedures and project management.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 260 Sports & Event Marketing

**Units: 5**

Learn how to market sports and events. Experience a unique combination of study and experience in planning, marketing and managing a sporting event.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 265 Advanced Excel for Data Analytics

### Units: 4

Organizations around the world use Excel to efficiently transform raw data into valuable insights. You can, too. Learn advanced spreadsheet skills to optimize Excel for data analysis. Emphasis will be on exploring and analyzing relational data models using Data Analysis Expressions (DAX), Power Pivot and Power Query. Previously: BUSTC 265

**Prerequisite Required:** BUS 150 with grade of 1.0 or better or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 266 Business Intelligence

### Units: 5

Business Intelligence brings together information management and analysis. It includes data capture, data warehouse management, and data analysis to provide insights into an organization. Learn methodologies for creating multidimensional databases and data tools. Apply your knowledge of databases, connectivity, and software to analyze data.

**Prerequisite Required:** CS 121 and BUS 165, each with grade of 1.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 267 Data Analytics for Business

### Units: 5

Introduces data management, data analysis and data representation. Emphasis is on quantitative and technology-based analysis of real-world problems to improve decision-making in various disciplines, along with report writing and presentation skills.

**Prerequisite Required:** BUS 265, MATH& 146, and BUS 165, each with grade of 1.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 268 Data Visualization

### Units: 5

Learn strategies and techniques for creating effective and memorable data stories using visualizations. Gain practical, hands-on experience converting raw quantitative data into visuals that tell a compelling story. Leverage databases and software tools to extract information, better understand data, and make more effective decisions.

**Prerequisite Required:** CS 121, BUS 265, MATH& 146, BUS 165, and BUS 267, each with grade of 1.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 270 Entrepreneurship- Starting a New Business

### Units: 5

Develop the skills to create a comprehensive, professional business plan for a new or existing venture. Conduct a feasibility analysis, determine form of ownership, design finance and marketing plans and examine key aspects of small business management.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 274 Business Leadership Development

### Units: 2

This course will require students to participate in leadership activities which will enhance their public speaking skills and problem solving skills in business settings.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 276 The Big Challenge

### Units: 3

Students join a management team for a simulated business. Teams decide how to use resources to achieve goals and must adapt to a changing environment. Students further develop business skills such as leadership, communication, data analysis, decision making and prioritizing.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## BUS 278 Effective Business Career Development

### Units: 2

This class will give students a competitive edge in the job market, providing strategies for pursuing business career options and developing effective self-marketing skills for the job search process. The course is intended to serve students completing a two-year business related degree.

**Prerequisite Required:** Completion of 60 credits in Business classes.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

## BUS 290 Business Internship

### Units: 15

Develop business skills working in a local business. Internships are supervised by professionals who coordinate training experiences.

**Prerequisite Required:** Completion of 45 college-level credits in business related classes.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 291 Special Topics in Business

**Units: 1**

Classes focusing on specific issues and/or topics of interest in Business.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 292 Special Topics in Business

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Business.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 293 Special Topics in Business

**Units: 3**

Classes focusing on specific issues and/or topics of interest in Business.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 294 Special Topics in Business

**Units: 4**

Classes focusing on specific issues and/or topics of interest in Business.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 295 Special Topics in Business

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Business.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 297 Individual Project in Business

**Units: 1**

Individual project in a specific area of Business. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 298 Individual Project in Business

**Units: 2**

Individual project in a specific area of Business. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS 299 Individual Project in Business

**Units: 3**

Individual project in a specific area of Business. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### BUS& 101 Introduction to Business

**Units: 5**

Survey of the role of business in a modern market economy, its growth, influence, and relationship to social responsibility. This course will include, but will not be limited to, a study of business objectives, internal and external functions, and organizational management challenges.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### BUS& 201 Business Law

**Units: 5**

This course examines the nature and origin of law, law as a legal system of social thought & behavior, legal institutions and processes, legal reasoning, law as a process of protecting and facilitating voluntary arrangements in a business society. Enrollment in BTWRT 215 or ENGL 99 suggested.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### BUS& 201W Business Law

**Units: 5**

This course examines the nature and origin of law, law as a legal system of social thought & behavior, legal institutions and processes, legal reasoning, law as a process of protecting and facilitating voluntary arrangements in a business society. Enrollment in BTWRT 215 or ENGL 99 suggested.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

# Business Writing

## BTWRT 115 Business English

### Units: 5

Review of vocabulary, punctuation, grammar, and current formats of business correspondence. Write business correspondence, a resume, and cover letter using Standard English. Research topics using web technology and standard references to prepare presentation.

**Prerequisite Required:** Placement in ENGL 99 or equivalent or successful completion of ENGL 90 or EAP 90 with a 2.0 or better. Recommended: Microsoft Word and Internet experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**Meets Requirements for Communication Skills:** Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

## BTWRT 215 Business Communications

### Units: 5

Focuses on all levels of business communication including writing, teamwork, presentations, and intercultural communications. Learn writing strategies to produce a variety of professional communications such as business letters, memos, e-mail, and a short report. Learn to use the Internet and Shoreline library database to research business topics and present information.

**Prerequisite Required:** Placement in ENGL& 101 or successful completion of ENGL 99, BTWRT 115, or equivalent with a 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

# Center for Education & Career Opportunities

## CECO 1 Essentials

### Units: 1-3

**Case management:** Students will identify and practice academic and employment skills including but not limited to communication, time management, organization, and self-advocacy.

**Mental Health:** This module is an opportunity to build community with peers who share similar values of self-discovery.

**Job Readiness:** In this course, students will identify their career interests and be introduced to financial literacy, job/internship application process, resume and cover letter writing.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 2 GED Basic - Learning Center North

### Units: 1-10

GED subject test preparation. Writing: writing connected paragraphs emphasizing introduction, body, conclusion. Math: use of fractions, decimals, ratios, proportions, percents, and exponents to solve multi step problems. Science/social studies topics and concepts. Reading: comprehension and conclusions from text. Focus: GED completion. Previously: LCN 2

**Prerequisite Required:** CASAS Appraisal score of 236 or Higher. Credits depend upon student entry into program.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 10 Foundations Math

### Units: 1-3

In this course, students will be introduced to arithmetic concepts. Students will manipulate rational numbers and fractions through addition, subtraction, multiplication, and division. Students will also identify geometrical shapes both on paper and with 3-dimensional manipulatives.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 11 Intermediate Math

### Units: 1-3

In this course, students will build on their foundational skills in mathematics to solve word problems using the order of operations. Students will explore and create geometrical shapes both through three-dimensional manipulatives and on paper. Students will compute percentage, ratio, interest, and proportion problems using real-world applications and projects. By the end of the course, students will utilize what they have learned to solve for variables using equations, expressions, and inequalities.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 12 Advanced Math

### Units: 1-3

In this course, students will employ their mathematics skills to evaluate quantitative problems with rational numbers through complex geometry and algebraic equations that include graphing and functions. By the end of the course, students will utilize what they have learned to solve for variables through the use of advanced equations, expressions, and inequalities.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 20 Foundations Language Arts

### Units: 1-3

In this course, students will be introduced to literary elements and rhetorical devices. They will also explore the ways in which English language conventions are employed in both fiction and nonfiction writing. Students will read excerpts, articles, and essays on various topics to practice identifying devices and conventions as well as to build their reading endurance. In this course, students will paraphrase fiction and nonfiction texts and share their personal reactions to the text through the written and spoken word.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 21 Intermediate Language Arts

### Units: 1-3

Students will explore a range of intermediate fiction and nonfiction texts including short stories, and full texts, analyzing the use of text features and literary devices. In this course, students will analyze fiction and nonfiction texts and share their personal reactions to the text through the written and spoken word.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 22 Advanced Language Arts

### Units: 1-3

In this course, students will explore their language arts skills through rhetorical and literary analysis of various media. Students will examine arguments made by professional writers in which the author uses textual evidence to support a claim, and then will complete an analysis of their own correctly employing English language conventions.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 23 Math Skills for Life 2

### Units: 5

Students will learn the four basic math operations using whole numbers and will identify and use all basic math symbols. They will use computational tasks related to life roles i.e. understanding payroll stubs. Previously: LCN 23

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

## CECO 30 Foundations Social Studies

### Minimum Units: 1

### Maximum Units: 3

In this course, students will be introduced to social studies vocabulary using scaffolded primary and secondary sources including graphs, charts, maps, and tables. Students will paraphrase primary and secondary sources.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 31 Intermediate Social Studies

### Units: 1-3

In this course, students will read and analyze primary and secondary sources from United States history, civics, and economics including interpreting graphs, charts, and maps. Students will employ social studies vocabulary to create written and verbal analyses of various texts.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 32 Advanced Social Studies

### Units: 1-3

In this course, students will use advanced reading, writing, and analytical skills to interpret and synthesize primary and secondary social studies sources. Students will analyze and make inferences about graphs and data, political propaganda, as well as essays, speeches, articles, and academic papers.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 33 Math Skills for Life 3

### Units: 5

Students perform all four basic math operations with whole numbers and fractions, choose correct math operations to solve story problems, and convert fractions to decimals. Students apply these skills to authentic materials, e.g. balancing a budget. Credits depend upon student entry into program. Previously: LCN 33

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

## CECO 40 Foundations Science

### Units: 1-3

In this course, students will be introduced to science concepts, vocabulary, and symbols. Students will take part in introductory experiments where they will be introduced to the scientific method. Students will also practice unit identification and reading graphs and charts.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 41 Intermediate Science

### Units: 1-3

In this course, students will summarize and analyze contemporary scientific and technical arguments, evidence, and information. Students will categorize a scientific procedure presented to them and then carry out that procedure in the science lab.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring



## CECO 42 Advanced Science

### Units: 1-3

In this course, students will employ advanced science-related problem solving, critical thinking, and inquiry skills. Students will assess scientific experiments, arguments, and evidence and synthesize their thinking using evidence and reasoning. Students will also build a scientific method-based experiment, during which they will go through the scientific processes and procedures.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 43 Math Skills for Life 4

### Units: 5

Students apply, in various situations, mathematical concepts and procedures to estimate, solve problems, and/or carry out tasks involving whole numbers, decimals, fractions, ratio and proportion, percents, measurements, and tables and graphs.

Previously: LCN 43

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

## CECO 85 Special Topics in Learning Center North

### Units: 5

Classes focusing on specific issues and/or topics of interest in LCN. Previously: LCN 85

**Grading Basis:** BEdA

## CECO 95 Advanced Special Topics in Learning Center North

### Units: 1-5

Classes focusing on advanced specific issues and/or topics of interest in LCN. Previously: LCN 95

**Grading Basis:** BEdA

## CECO 98 Building College Engagement and Readiness

### Units: 1-3

Course intended for college-ready students in the CECO post-secondary program. Students will build communication engagement strategies/structures. Students will learn and practice near-mid and long-term education and employment goal setting. Students will also learn self-advocacy skills and how to access and engage college and community resources for immediate and future needs.

**Prerequisite Required:** Enrollment in CECO program.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 99 College Success and Persistence

### Units: 1

Course intended for college-ready students in the CECO post-secondary program. With an individualized focus, the student works with the instructor to understand and build vision and growth mindset. The student will develop skills to successfully persist in accomplishing their educational and career goals.

**Prerequisite Required:** Enrollment in the CECO program.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## CECO 101 Preparation for Education and Career

### Units: 10

Course is designed to familiarize, support, and encourage students on their post-secondary journey. It introduces readiness skills involving functional technology, career and program exploration and academic success strategies. The emphasis is on developing student mindset, individual agency, and community development.

Includes wraparound support via case manager as students develop skills to engage in the core themes of academics, community and career. Previously: CEO 101

**Prerequisite Required:** Enrollment in the Career Education Options program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## CECO 102 Class Engagement and Support

### Units: 3

Part two of a three sequence series of courses for CECO students. This course is designed for students in the CECO program to support their second quarter college and learning experience. Emphasis on peer and instructor communication skills, long term planning, utilization of campus resources and application of readiness skills as it applies to college courses.

**Prerequisite Required:** CECO 101

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## CECO 103 CECO Capstone

### Units: 2

Part three of three in a sequence of college courses for CECO students. Students will reflect on their first year in college through a capstone essay and create an academic plan for their future that includes a post college plan and beyond.

**Prerequisite Required:** Completion of CECO 102 OR Instructor and Case Manager Referral

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

# Chemistry

## CHEM 90 Chemistry Special Lab

### Units: 1-3

Tutorial lab for students enrolled in chemistry classes; designed to help with any type of problem concerning the field of chemistry.

**Prerequisite Required:** Enrollment in any chemistry class.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### CHEM 171 General-Inorganic Chemistry I

**Units: 4**

First course of three quarters of Gen. Chem. for science and engineering majors. Includes scientific measurement, atomic structure, nomenclature, stoichiometry, aqueous solutions and reactions, gas laws and theory, basic thermodynamics and nuclear chem. Course includes lecture and seminar. Concurrent enrollment in CHEM 181 is required.

**Prerequisite Required:** Recent high school chemistry or CHEM& 121 with a 2.0 or better and ENGL 99 or equivalent, or placement into ENGL& 101, and placement into MATH& 141; or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 171H General-Inorganic Chemistry I HC

**Units: 4**

First course of three quarters of Gen. Chem. for science and engineering majors. Includes scientific measurement, atomic structure, nomenclature, stoichiometry, aqueous solutions and reactions, gas laws and theory, basic thermodynamics and nuclear chem. Course includes lecture and seminar. Concurrent enrollment in CHEM 181 is required.

**Prerequisite Required:** Recent high school chemistry or CHEM& 121 with a 2.0 or better and ENGL 99 or equivalent, or placement into ENGL& 101, and placement into MATH& 141; or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 172 General-Inorganic Chemistry II

**Units: 4**

Second course of three quarters of Gen. Chem. for science and engineering majors. Topics include quantum numbers, orbitals, atomic periodicity, bonding theories, molecular shapes/polarity, liquids & solids, properties of solutions, and basic organic. Course includes lecture and seminar. Concurrent enrollment in CHEM 182.

**Prerequisite Required:** CHEM 171/CHEM 181 or equivalent with grades of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science - Lab

### CHEM 172H General-Inorganic Chemistry II HC

**Units: 4**

Second course of three quarters of Gen. Chem. for science and engineering majors. Topics include quantum numbers, orbitals, atomic periodicity, bonding theories, molecular shapes/polarity, liquids & solids, properties of solutions, and basic organic. Course includes lecture and seminar. Concurrent enrollment in CHEM 182.

**Prerequisite Required:** CHEM 171/CHEM 181 with grades of 2.0 or better and placement into ENGL& 101 and placement into MATH& 141 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 173 General-Inorganic Chemistry III

**Units: 4**

Third course of three quarters of Gen. Chem. for science and engineering majors. Topics include kinetics, chemical equilibrium, acids and bases, buffers, solubility and complex ion equilibrium, entropy, Gibbs energy, electrochemistry & transition metals. Course includes lecture and seminar. Concurrent enrollment in CHEM 183.

**Prerequisite Required:** CHEM 172/CHEM 182, ENGL& 101 and MATH& 141 with grades of 2.0 or better or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 173H General-Inorganic Chemistry III HC

**Units: 4**

Third course of three quarters of Gen. Chem. for science and engineering majors. Topics include Kinetics, chemical equilibrium, acids and bases, buffers, solubility and complex ion equilibrium, entropy, Gibbs energy, electrochemistry & transition metals. Course includes lecture and seminar. Concurrent enrollment in CHEM 183.

**Prerequisite Required:** CHEM 172/CHEM 182, ENGL& 101 and MATH& 141 with grades of 2.0 or better or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 181 General-Inorganic Chemistry I (Lecture-Lab)

**Units: 2.5**

Laboratory experimentation is used to reinforce the chemical concepts in CHEM 171. A separate lecture period is required to explain the lab theory, techniques and safety. Due to dangers involved in chemical experimentation, attendance in lecture is mandatory.

**Prerequisite Required:** Concurrent enrollment in CHEM 171 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 182 General-Inorganic Chemistry II (Lecture-Lab)

**Units: 2.5**

This course utilizes laboratory experimentation to reinforce and enhance the chemical concepts discussed in CHEM 172. A separate lecture period is required to explain the lab theory, techniques, and safety. Due to dangers involved in chemical experimentation, attendance in lecture is mandatory.

**Prerequisite Required:** Concurrent enrollment in CHEM 172 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 183 General-Inorganic Chemistry III (Lecture-Lab)

**Units: 2.5**

This course utilizes laboratory experimentation to reinforce and enhance the chemical concepts discussed in CHEM 173. A separate lecture period is required to explain the lab theory, techniques, and safety. Due to dangers involved, attendance in lecture is mandatory.

**Prerequisite Required:** Concurrent enrollment in CHEM 173 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 255 Intro to Biochemistry for Science Majors I **Units: 4**

First of a two-quarter series surveying basic principles of biochemistry and molecular biology, emphasizing broad understanding of chemical events in living systems in terms of metabolism and structure-function relationships of biologically important molecules.

**Prerequisite Required:** CHEM& 241 with a 2.0 or higher and BIOL& 211 with a 2.0 or higher; or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Science Non-Lab

### CHEM 256 Intro to Biochemistry for Science Majors II **Units: 4**

Second of a two-quarter series surveying basic principles of biochemistry and molecular biology, emphasizing broad understanding of chemical events in living systems in terms of metabolism and structure-function relationships of biologically important molecules.

**Prerequisite Required:** CHEM 255 with a 2.0 or higher or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### CHEM 271 Organic Chemistry I Lab

**Units: 3**

First course of the lab component for students planning to take three quarters of organic chemistry with lab. Structure, nomenclature, reactions and synthesis of the main types of organic compounds. Concurrent enrollment in CHEM& 241.

**Prerequisite Required:** CHEM 173/CHEM 183 and ENGL& 101 with minimum grades of 2.0 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 272 Organic Chemistry II Lab

**Units: 3**

Second laboratory course for students planning to take three quarters of organic chemistry with lab. Further discussion of physical properties and transformations of organic molecules, especially aromatic and carbonyl compounds. Concurrent enrollment in CHEM& 242.

**Prerequisite Required:** CHEM& 241/CHEM 271 with minimum grades of 2.0 or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 273 Organic Chemistry III Lab

**Units: 3**

Third laboratory course for students planning to take three quarters of organic chemistry with lab. Multistep syntheses, advanced distillation and purification techniques with instrumentation emphasis. Concurrent enrollment in CHEM& 243.

**Prerequisite Required:** CHEM& 242/CHEM 272 with minimum grades of 2.0 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

### CHEM 297 Individual Project in Chemistry

**Units: 1**

Individual project in a specific area of CHEM. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Elective

### CHEM 298 Individual Project in Chemistry

**Units: 2**

Individual project in a specific area of CHEM. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### CHEM 299 Individual Project in Chemistry

**Units: 3**

Individual project in a specific area of CHEM. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### CHEM& 110 Chemical Concepts with Lab

**Units: 5**

A non-science majors lab course. Presents basic chemical principles and examines contemporary social and environmental role of chemistry.

**Prerequisite Required:** ENGL 99 or equivalent with 2.0 or better, or placement into ENGL& 101, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### CHEM& 121 Intro to Chemistry

**Units: 5**

A general introduction to chemistry focusing on applications to health and life sciences for allied health fields. Introduces simplified atomic/molecular theory & the quantitative/qualitative relationships in the chemistry of solutions, gases, liquids, solids & their reactions. Mandatory 2-hour lab is taken concurrently.

**Prerequisite Required:** Placement into ENGL& 101 ; AND placement into MATH 99 (above Math with Support Level) or completion of MATH& 146 or MATH& 107 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### CHEM& 131 Introduction to Organic/Biochemistry

**Units: 5**

Emphasis on chemical systems/processes as they influence living systems. Study of organic compounds: properties/reactions of functional groups, lipids, proteins & carbohydrates. Intro to enzymes & neurotransmitters. Weekly lab explores reactions of hydrocarbons, alcohols, acids, & amines.

**Prerequisite Required:** CHEM& 121 with a minimum grade of 2.0 and placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### CHEM& 241 Organic Chemistry I

**Units: 4**

First course for students planning to take three quarters of organic chemistry with two labs. Structure, nomenclature, reactions, and synthesis of the main types of organic compounds. Course requires a lab component and CHEM 271 must be taken concurrently.

**Prerequisite Required:** CHEM 173/CHEM 183 and ENGL& 101 with minimum grades of 2.0; or Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Science Lab

### CHEM& 242 Organic Chemistry II

**Units: 4**

Second course for students taking three quarters of organic chemistry with lab. Further discussion of physical & chemical properties of organic molecules, especially aromatic and carbonyl compounds. Course requires a lab component and CHEM 272 must be taken concurrently.

**Prerequisite Required:** CHEM& 241/CHEM 271 with minimum grades of 2.0 or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

## CHEM& 243 Organic Chemistry III

### Units: 4

Third course for students planning to take three quarters of organic chemistry. Polyfunctional compounds and natural products, lipids, carbohydrates, amino acids, proteins, and nucleic acids. Course requires a lab component and CHEM 273 must be taken concurrently.

**Prerequisite Required:** CHEM& 242/CHEM 272 with a minimum grade of 2.0 or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

## Child Advocacy Studies

### CAST 102 Child Maltreatment & Advocacy

#### Units: 5

This introductory course for Child Advocacy Studies covers the history, perspectives, legal framework and responses to child maltreatment. It is approached from a variety of diverse professional perspectives. The course is designed for students interested in gaining knowledge of child maltreatment. Dual listed as SOC 102.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### CAST 202 Professional and Systemic Responses

#### Units: 5

This course focuses on the responses of professionals and the system to allegations of child maltreatment. Designed for students entering fields in which knowledge of child maltreatment investigation and advocacy are necessary. Dual listed as SOC 202.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### CAST 285 Gender, Violence and Social Change

#### Units: 5

Study of gendered violence, its history, current research and contemporary issues. Social, psychological, legal and political implications of abuse are considered. Areas of study include child abuse, rape, domestic violence and sexual harassment. Recommend ENGL& 101. Dual listed as GWS 285.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

## Chinese

### CHIN 297 Individual Project in Chinese

#### Units: 1

Individual project in a specific area of Chinese. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### CHIN 298 Individual Project in Chinese

#### Units: 2

Individual project in a specific area of Chinese. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Elective

### CHIN 299 Individual Project in Chinese

#### Units: 3

Individual project in a specific area of Chinese. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

### CHIN& 121 Chinese I

#### Units: 5

Introduction to Mandarin Chinese. Pronunciation and grammar taught in communicative approach. Listening, speaking, reading and writing Chinese. Simplified Chinese characters and Pinyin are introduced. Topics: self-introduction, greetings, directions and daily routines. No previous knowledge of the language required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

### CHIN& 122 Chinese II

#### Units: 5

A continuation of CHIN& 121 with more vocabulary, more complicated sentence structure. Topics: shopping, directions, activities, hobbies, likes and dislikes.

**Prerequisite Required:** Completion of CHIN& 121 with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

## CHIN& 123 Chinese III

### Units: 5

Continuation of CHIN& 122 with more vocabulary, more complicated sentence structures, continued work on Chinese characters.

**Prerequisite Required:** Completion of CHIN& 122 with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## Cinema

### CINEM 201 Introduction to Cinema History

#### Units: 5

This survey course examines cinema history from pre-motion picture influences to modern day advances. Covers the historical, cultural and artistic impact of film and filmmaking.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### CINEM 201W Introduction to Cinema History

#### Units: 5

This survey course examines cinema history from pre-motion picture influences to modern day advances. Covers the historical, cultural and artistic impact of film and filmmaking.

**Prerequisite Required:** Placement in ENGL& 101 or instructor's permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### CINEM 295 Special Topics in Cinema

#### Units: 5

Classes focusing on specific issues and/or topics of interest in cinema.

**Grading Basis:** Student option grading

### CINEM 297 Individual Project in Cinema

#### Units: 1

Individual project in a specific area of cinema. By arrangement with instructor. Prerequisite: Instructor permission, based on evaluation of students' educational and work experience. Student option grading.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

### CINEM 298 Individual Project in Cinema

#### Units: 2

Individual project in a specific area of cinema. By arrangement with instructor. Prerequisite: Instructor permission, based on evaluation of students' educational and work experience. Student option grading.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

### CINEM 299 Individual Project in Cinema

#### Units: 3

Individual project in a specific area of cinema. By arrangement with instructor. Prerequisite: Instructor permission, based on evaluation of students' educational and work experience. Student option grading.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

## Clean Energy Technology

### NRG 101 Intro to Renewable NRG

#### Units: 5

Survey course on Renewable Energy Systems. This course fulfills the need for a basic understanding of electricity, conservation, and entropy. It includes measuring energy, OHM's Law, and renewable fuel.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 102 Calculations for Energy Technologies

#### Units: 4

Applied mathematics and physics concepts used in building energy technologies.

**Prerequisite Required:** Completion of BUS 102 OR placement into MATH 98 OR Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 103 Introduction to Battery Technology

#### Units: 5

This is an introductory course covering battery fundamentals, theory, and applications. Students will develop a fundamental understanding of basic electrical (voltage, amperes, ohms, DC-AC, and wave-forms). They will develop knowledge of high voltage safety and precautions, and applications of batteries in automotive and clean energy. Dual listed as AUTOA 103.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 104 Buildings in Context

**Units: 5**

Students develop and articulate a personal sustainable design philosophy that informs their contribution to an integrated design process which creates buildings that are sustainable solutions in their social, cultural, public policy, ecological and aesthetic contexts.

**Prerequisite Required:** Completion of NRG 101, NRG 102, or NRG 110 and ENGL& 101 or BTWRT 215 with a grade of 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NRG 105 Electricity & Jobsite Safety****Units: 3**

This is a foundation course for Energy System Designers. It includes Jobsite Safety, Electrical Awareness, and Basics of Electricity.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NRG 110 Intro Energy/Sustainability in Built Environment****Units: 5**

Overview of energy issues from multiple perspectives, including resource & species depletion, climate impacts and public energy policy decisions, processes, & strategies.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**NRG 115 Introduction to Renewable Resources****Units: 5**

Introduction to design and application of renewable technology including solar, wind, hydro and biomass.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**NRG 120 Solar Electric Design & Applications****Units: 5**

Explore the use of sunlight to produce electricity. Practical & economical design of photovoltaic power systems, site analysis, system sizing, equip. specs & component selection, code requirements, economics of PV systems, and energy efficiency and conservation impacts on system design will be covered.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NRG 122 Energy Audit 2: Commercial****Units: 4**

Energy audits for large commercial buildings.

**Prerequisite Required:** NRG 121.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NRG 123 PV Performance Analysis****Units: 3**

Deals with system performance & commissioning including pre-inspection checkout, startup, troubleshooting, verification, and monitoring. Focus is on a safe and properly installed system with overview of advanced metering tools.

**Prerequisite Required:** NRG 120.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NRG 130 Solar Thermal Space/Hot Water Design & Install****Units: 5**

Learn theory, setting, design, procurement & techniques required to install & maintain a solar hot water system. Examine passive/active, unglazed/glazed, & evacuated tube technologies, optimal designs, alternative space heating, building codes, utility conservation programs, and site & federal incentives.

**Grading Basis:** Graded

**NRG 160 LEED Green Associate Exam Preparation****Units: 4**

Prepare students to pass the LEED GA examination.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**NRG 161 Energy Audit 1: Residential****Units: 4**

Energy audits for residential and small commercial buildings.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NRG 162 Large Building Assessment: Building Technology****Units: 4**

Survey of large building assemblies, systems and energy efficiency technologies that affect building energy performance.

**Prerequisite Required:** Completion of NRG 102 and NRG 180 or Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 163 Large Building Energy: Methods & Measurements

### Units: 4

Methods and measurements used for large building energy audits and assessments.

**Prerequisite Required:** Completion of NRG 162 or Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 180 Building Systems and Blueprint Reading

### Units: 5

Use and interpret technical drawings and specifications depicting building energy technologies. Mac computer not recommended.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 181 Virtual Design for Energy Technologies

### Units: 5

Course provides foundational technical skills in the use of Building Information Modeling (BIM) for high performing/renewable energy systems in the built environment. Topics include whole building energy systems modeling for design, analysis, and detailing. The course focuses on Autodesk Revit MEP.

**Prerequisite Required:** Completion of NRG 180 with a 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 200 Zero Energy Building Design

### Units: 5

Covers principles behind design & building residential/commercial lowrise structures that approach or exceed net zero energy use over lifecycle. Examines historical/contemp. methods for optimal year-round comfort, reduced energy consumption, air quality improvement & environmental impacts.

**Prerequisite Required:** NRG 101.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 201 Zero Energy Design Practicum

### Units: 3

Students will gain hands-on, practical knowledge of the methods and materials explored in NRG design.

**Prerequisite Required:** NRG 120, NRG 130, and NRG 200 each with a 2.0 or better or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 202 Career Seminar for Clean Technology

### Units: 3

Prepare students for internships and jobs in the Clean Technology industry. Will include networking strategies, cover letters, resume, interviewing skills.

**Prerequisite Required:** Successful completion of at least 2 NRG classes.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 220 Advanced PV Design

### Units: 5

Focus in on PV systems compliance with NEC codes & regulations. Emphasis on component selection, string sizing, inverter/module matching, conductor sizing, overload protection, grounding, mounting systems, battery backup. Accurate 3D drawings.

**Prerequisite Required:** NRG 101 and NRG 120 or permission by instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 221 PV Technical Sales

### Units: 3

This course provides students with the complex skills and knowledge for Photovoltaic (PV) Technical Sales. This course reviews PV equipment, site survey, best rooftop practices, sales skills, customer needs, project tracking, preparing proposal and presentations, and PV and the Electric Vehicle (EV) interaction.

**Prerequisite Required:** Have completed NRG 120 and NRG 220 with a minimum 2.0 prior to taking this course.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## NRG 223 Battery Based PV System Design

### Units: 5

Preparation for the complex design requirements of battery based PV systems. Design, code requirements, maintenance, and safety consideration for both utility interactive (grid-tied) and stand-alone (off-grid) battery based PV systems.

**Prerequisite Required:** NRG 105 and NRG 120 with grades of 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer



### NRG 225 Introduction to SketchUp

**Units: 5**

Introduction to the use of the software for improving and evaluating the design of solar energy projects.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 226 Advanced Sketch-Up

**Units: 5**

This course reviews Basic SketchUp tools and introduces more complicated modeling techniques with SketchUp Pro and LayOut.

**Prerequisite Required:** NRG 225 completion with 2.0 grade or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 245 10-Hour OSHA

**Units: 1**

This course is intended to raise the safety awareness and hazard identification knowledge of those working in the manufacturing field, and to lead to OSHA 10-Hour General Industry Safety Certification. Dual listed as MFGT 245.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 290 Renewable Energy/Solar Internship

**Units: 1-5**

This course provides students with work experience in the Renewable Energy industry.

**Prerequisite Required:** At least 10 NRG credits toward the AAAS degree or Certificate of Proficiency in Clean Energy Technology program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 292 Special Topics in Zero Energy Technology

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Zero Energy Technology.

**Grading Basis:** Graded

### NRG 297 Individual Project in Zero Energy Technology

**Units: 1**

**Grading Basis:** Graded

### NRG 298 Individual Project in Zero Energy Technology

**Units: 2**

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### NRG 299 Individual Project in Zero Energy Technology

**Units: 3**

**Grading Basis:** Graded

## College & Career

### COL 90 Preparing for College & Career Success

**Units: 3**

In this first-year course students engage in self-discovery by identifying their personal, professional, and academic goals. Students collaborate with peers to explore how to make the most of the college resources available to them. By the end of the course, students will have developed skills that will help them in college and beyond, such as time management, goal-setting, and advocating for themselves. This course is intended for ABE/ESL students. Prerequisite: Placement into ESL Level 5.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### COL 101 College and Career Success

**Units: 3**

In this first-year course students engage in self-discovery by identifying their personal, professional, and academic goals. Students collaborate with peers to explore how to make the most of the college resources available to them. By the end of the course, students will have developed skills that will help them in college and beyond, such as time management, goal-setting, and advocating for themselves.

**Prerequisite Required:** Placement into EAP 90, ENGL 90, or permission of instructor.

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## Communication Studies

### CMST 140 The Art of Storytelling

**Units: 5**

Storytelling, one of our oldest art forms, varies in forms from entertainment to information transfer, healing, and community building. Discover the excitement and empowerment of performing stories from the personal to folktales of a variety of cultures. Plan, organize and perform in a live storytelling program.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## CMST 203 Communication for Social Change

### Units: 5

Engage in reflection, discussion and thought-provoking activities to experience a wide range of cultural perspectives, to think critically, and to build empathy. Explore the ways that power and privilege shape perceptions of race, class, gender, sexuality, age, etc. Learn communication skills to effect social change.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Humanities - General

## CMST 203H Communication for Social Change HC

### Units: 5

Engage in reflection, discussion and thought-provoking activities to experience a wide range of cultural perspectives, to think critically, and to build empathy. Explore the ways that power and privilege shape perceptions of race, class, gender, sexuality, age, etc. Learn communication skills to effect social change.

**Prerequisite Required:** Placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Humanities - General

## CMST 244 News Writing

### Units: 1-3

Explore journalism, with a focus on reporting, news gathering and writing. The course covers links to public relations, advertising and digital journalism as well as ethical and legal concerns.

Newspaper production is introduced. The class may be taken again for credit.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## CMST 244W News Writing

### Units: 1-3

Explore journalism, with a focus on reporting, news gathering and writing. The course covers links to public relations, advertising and digital journalism as well as ethical and legal concerns.

Newspaper production is introduced. The class may be taken again for credit.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## CMST 245 Student Newspaper

### Units: 1-3

Experience hands-on learning in one or more aspects of the college newspaper, including reporting, writing, editing, photography, production or advertising. May be repeated for credit.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## CMST 245W Student Newspaper

### Units: 1-3

Experience hands-on learning in one or more aspects of the college newspaper, including reporting, writing, editing, photography, production or advertising. May be repeated for credit.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## CMST 247 Journalistic Writing

### Units: 4

Learn journalistic principles and practices. Write news articles, features, opinions and arts reviews. Explore ethical questions, legal concerns, and journalism's links to public relations. Photojournalism, design, and online journalism are introduced.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## CMST 247W Journalistic Writing

### Units: 4

Learn journalistic principles and practices. Write news articles, features, opinions and arts reviews. Explore ethical questions, legal concerns, and journalism's links to public relations. Photojournalism, design, and online journalism are introduced.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### CMST 285 Critical Intercultural Communication

**Units: 5**

Explore the complexities of intercultural communication in both U.S. and global contexts through an experiential, skill-building framework. Analyze how we are shaped by culture and positions of power and privilege. Develop and apply intercultural skills to affect social change. Note: CMST 285 and CMST 203 have different content.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Humanities General

### CMST 291 Special Topics in Communication Studies

**Units: 1**

Classes focus on specific issues and/or topics of interest in communications.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### CMST 292 Special Topics in Communications

**Units: 2**

Classes focus on specific issues and/or topics of interest in communications.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### CMST 293 Special Topics in Communications

**Units: 3**

Classes focus on specific issues and/or topics of interest in communications.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### CMST 294 Special Topics in Communications

**Units: 4**

Classes focus on specific issues and/or topics of interest in communications.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### CMST 295 Special Topics in Communication Studies

**Units: 5**

Classes focus on specific issues and/or topics of interest in communications.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### CMST 297 Individual Project in Communication Studies

**Units: 1**

Individual project in a specific area of communications. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### CMST 298 Individual Project in Communication Studies

**Units: 2**

Individual project in a specific area of communications. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Elective

### CMST 299 Individual Project in Communication Studies

**Units: 3**

Individual project in a specific area of communications. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Elective

### CMST& 101 Introduction to Communication

**Units: 5**

Students learn verbal, nonverbal and listening skills essential to effective living and become competent communicators by applying interpersonal, small group, public speaking, and cross-cultural communication theories to a variety of contexts including the workplace, communities, and families.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Prof/Tech Degree, Prof/Tech Certificate

**Meets Requirements for Human Relations:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Humanities General

## CMST& 102 Introduction to Mass Media

### Units: 5

Explore the history, technologies and processes of mass communication systems including newspapers, magazines, books, radio, sound recordings, television, film and Internet. Recognize the cultural impacts, theories, related ethics and laws of mass communications.

**Prerequisite Required:** Placement into ENGL& 102.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## CMST& 102W Introduction to Mass Media

### Units: 5

Explore the history, technologies and processes of mass communication systems including newspapers, magazines, books, radio, sound recordings, television, film and Internet. Recognize the cultural impacts, theories, related ethics and laws of mass communications.

**Prerequisite Required:** Placement into ENGL& 102.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## CMST& 210 Interpersonal Communication

### Units: 5

This course is designed to enhance your awareness, knowledge and skills in interpersonal communication in order to assist you in making more thoughtful, ethical choices in life. The focus is on experiences with friends, family, peers, coworkers and significant others.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

## CMST& 220 Public Speaking

### Units: 5

Build confidence when speaking with others. Learn to influence others by critically listening to and crafting organized, informative and persuasive speeches. Conduct responsible research on topics appropriate for your audience. Use sound reasoning and strong delivery to achieve effective presentation skills.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

## CMST& 220H Public Speaking HC

### Units: 5

Build confidence when speaking with others. Learn to influence others by critically listening to and crafting organized, informative and persuasive speeches. Conduct responsible research on topics appropriate for your audience. Use sound reasoning and strong delivery to achieve effective presentation skills.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

## CMST& 230 Small Group Communication

### Units: 5

Using real-world situations, explore how roles, leadership, and other factors affect group communication and problem-solving. Examine how the rules of interaction affect group communication and individual experience. Develop skills to effectively communicate in groups.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities - Performance

## Computer Science

### CS 90 Independent Study Computer Science

#### Units: 1-3

Students study computer science topics individually or in small groups using the Computer Science and Engineering Learning Center. This course is an opportunity for tutorial instruction, exploration of available campus resources, and college success topics. No appointments are necessary.

**Prerequisite Required:** Concurrent enrollment in any CS or CS& course required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### CS 121 Introduction to Programming

#### Units: 5

Use a computer language such as Python to learn programming, problem solving, analysis, modular design & debugging - concepts for all programming languages. No prior programming experience needed. Topics: syntax, classes, data types, control flow, loops, if, procedures, parameters, output & arrays.

**Prerequisite Required:** Placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## CS 143 Computer Science II - Java Data Structures

**Units: 5**

This course is a continuation of Computer Science fundamentals. Students explore a deeper look at object-oriented programming. Data abstraction and implementation topics include abstract data types, stacks queues, linked lists, trees, predefined collection classes, recursion, complexity, searching, and sorting.

**Prerequisite Required:** Completion of CS& 141 with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## CS 151 Object Oriented Design: C++ Data Structures

**Units: 3**

This course is an optional continuation of Computer Science Fundamentals and an introduction to C++ for those familiar with object-oriented programming in Java. The class covers beginning memory management concepts, standard C++ library data structures, command-line debugging, and cross-language evaluation of program designs.

**Prerequisite Required:** Completion of CS 143 with a 2.0 or better, or concurrent enrollment in CS 143.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

## CS 211 Computing & Society

**Units: 5**

This course explores issues related to the development, usage, and impact of computing technology on society. Students will engage in critical thinking about computing by gathering evidence, monitoring news, researching controversial topics, participating in discussion, and presenting findings and conclusions.

**Prerequisite Required:** Placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## CS& 141 Computer Science I - Java

**Units: 5**

Design and implement computer solutions using object oriented technology. Data types, algorithms, abstraction, classes, methods, inheritance, exceptions, arrays, control structures, sorting and searching.

**Prerequisite Required:** ENGL& 101 (may be taken concurrently) and MATH& 141 or MATH 111 with grades of 2.0 or better. CS 121 with a grade of 2.0 or better or prior programming experience required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## Criminal Justice

### CJ 120 Administration of Justice

**Units: 5**

A study of the structure and processes of the federal and state courts in American, their organization and jurisdiction and the impact of the Constitution. We will examine the roles of judges, attorneys, and law enforcement when citizens are charged with crimes.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 130 Information Gathering

**Units: 5**

Students will examine the procedure of interviewing, note taking and recording the scene as well as conducting preliminary investigation and the documentation of this information. The fundamentals of police record systems will also be studied.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 135 Current Issues in Crime and Society

**Units: 5**

Explore criminal justice through the lens of social service and community advocacy. Focus on current issues facing individuals and families, with emphasis on understanding how to advocate for vulnerable populations. Dual listed as SOC 135.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 136 Crisis Intervention and Conflict Resolution

**Units: 5**

This course presents the social and psychological factors found in crisis situations. Students will develop strategies for professional assessment, intervention, and follow-up in these situations. Dual listed as SOC 136.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 137 Theories of Professionalism in Criminal Justice

**Units: 5**

Focuses on the social, political, and economic theories and concepts of professionalism in criminal justice and other related careers. Designed for students entering law enforcement, social work, and mental health-related fields. Dual listed as SOC 137.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 238 Criminal Evidence and Constitutional Law

**Units: 5**

Examines the role played by the U.S. and Washington State Constitutions in the application of criminal law and procedures. Students will analyze U.S. Supreme Court decisions and their effect on the admissibility of evidence.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 241 Principles of Investigation I****Units: 5**

An in-depth study of the fundamentals, functions and elements of criminal investigations including preliminary & follow-up investigations leading to successful prosecutions. Challenges faced in investigations will be discussed.

**Prerequisite Required:** CJ& 101 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 245 Theory of Defensive & Control Tactics****Units: 5**

Introduces the theories and applications of physical and verbal force based on the 'use of force continuum.' Understand the criminal and civil context of application of force and control tactics. Perform control, defensive and handcuffing techniques.

**Prerequisite Required:** Previous or concurrent enrollment in other CJ course.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 249 Police Operations****Units: 5**

A study of the organizational culture, organization structures, staffing, and utilization of resources within police departments. The support and staff functions which assist patrol and other line operations in accomplishing the department's mission will be examined. Patrol operations will be emphasized.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**Meets Requirements for Human Relations:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 290 Internship****Units: 5**

A program in which the student will work directly with a criminal justice agency in a wide variety of tasks to give the student a better understanding of day to day operation and the tasks performed by a part of the criminal justice system.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 291 Special Topics in Criminal Justice****Units: 1**

Courses for criminal justice personnel desiring emphasis in a particular area relating to the criminal justice system.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 292 Special Topics in Criminal Justice****Units: 2**

Courses for criminal justice personnel desiring emphasis in a particular area relating to the criminal justice system.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 293 Special Topics in Criminal Justice****Units: 3**

Courses for criminal justice personnel desiring emphasis in a particular area relating to the criminal justice system.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 294 Special Topics in Criminal Justice****Units: 4**

Courses for criminal justice personnel desiring emphasis in a particular area relating to the criminal justice system.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**CJ 295 Special Topics in Criminal Justice****Units: 5**

Courses for criminal justice personnel desiring emphasis in a particular area relating to the criminal justice system.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 297 Individual Project in Criminal Justice

**Units: 1**

Individual project in a specific area of Criminal Justice. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 298 Individual Project in Criminal Justice

**Units: 2**

Individual project in a specific area of Criminal Justice. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ 299 Individual Project in Criminal Justice

**Units: 3**

Individual project in a specific area of Criminal Justice. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### CJ& 101 Introduction to Criminal Justice

**Units: 5**

An examination of crime, its causes and its impact on American life; the issues and challenges facing the American criminal justice system; the history and structure of the three major components of the justice system; and an introduction to the theories of sentencing and punishment.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### CJ& 106 Juvenile Justice

**Units: 5**

An in-depth study of the Juvenile Justice System, its history and theories related to juvenile laws, causation of juvenile behavior, the proper methods of dealing with juveniles in the court system, and Washington state law relating to juvenile procedures.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

### CJ& 110 Criminal Law

**Units: 5**

A study of the nature and purpose of the criminal law, its sources, limitations and general principles, defenses and the wide range of criminal conduct covered by the criminal law. The Revised Code of Washington is also studied.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Elective

## Dental Hygiene

### DENHY 100 Head and Neck Anatomy

**Units: 2**

The study of the anatomy of the head and neck-specifically the bony structures, blood supply, musculature, and nerve supply. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 100 Introduction to Dental Hygiene Education

**Units: 1**

This course introduces the profession of dental hygiene and explores how to be successful in a professional technical program. Students are familiarized with resources available through Shoreline Community College to help successfully complete the program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 101 Histology/Embryology

**Units: 3**

The study of the development, histology and function of the tissues in the oral cavity.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 102 Princ of General Pathology and Systemic Disease

### Units: 2

The study of general disease conditions that affect the human body and dental treatment. Introduction to terminology, specific diseases and their causes.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 110 Dental Radiology

### Units: 2

The study of the fundamentals of radiology and radiation hygiene, with demonstration and practice in the exposing and processing of intra-oral radiographs.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 111 Dental Radiology

### Units: 3

Continuation of DENHY 110 with continued emphasis on intra-oral radiographic techniques.

**Prerequisite Required:** Admission to the Dental Hygiene Program and completion of DENHY 110 with a 2.5 or above, or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 112 Dental Anatomy and Morphology

### Units: 2

Lecture and laboratory exercises on nomenclature, anatomy, morphology and function of the primary and permanent dentitions.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 114 Oral Pathology

### Units: 2

The recognition and etiology of clinical oral pathologies of the oral/facial area. Introduction to detection, description and evaluation of oral lesions.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 115 Pain Control I

### Units: 3

A study of physiology, pharmacology of local anesthetic drugs, complications, patient evaluation, and techniques utilized in the administration of local anesthetics in dentistry.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 120 Medical Emergencies

### Units: 2

Lectures and clinical exercises preparing the student to prevent, recognize, and respond to medical emergencies in the dental setting.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 121 Clinical Dental Hygiene and Fundamentals I

### Units: 8

Initial course in a series of lecture and discussion associated with clinical skills and related subjects such as: accepted dental terminology, patient assessment and use of the mouth mirror, probe, sickle and explorer integrated with an introduction to clinic procedures and patient examination techniques.

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer



## DENHY 122 Clinical Dental Hygiene and Fundamentals II

### Units: 6

Second of a series of lecture and discussion and beginning clinical course in a series providing traditional dental hygiene procedures to patients from the campus and community.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 123 Clinical Dental Hygiene and Fundamentals III

### Units: 6

Third of a series of lecture and discussion and beginning clinical course in a series providing traditional dental hygiene procedures to patients from the campus and community, with increasing level of competency and speed.

**Prerequisite Required:** Admission to the Dental Hygiene Program and completion of DENHY 122 with a 2.0 grade or higher, or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 124 Clinical Dental Hygiene and Fundamentals IV

### Units: 5

Third clinical and fourth lecture course in a series providing dental hygiene procedures at an increasing level of competency and speed on patients from the campus and community.

**Prerequisite Required:** Admission to the Dental Hygiene Program and completion of DENHY 123 with a 2.0 grade or higher, or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 130 Pharmacology

### Units: 3

The study of the general pharmacological and therapeutic actions of drugs pertaining to dentistry, including nomenclature, dosage, routes of administration, indications, contraindications, and the legal factors involved in dispensing.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 140 Ethics and Jurisprudence

### Units: 3

Lectures and discussions regarding ethics and jurisprudence, related to the practice of dentistry and dental hygiene.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 141 Procedures Seminar I

### Units: 1

First-year, weekly discussion and lecture sessions with special emphasis on program policies and procedures for lab and clinic operation and WISHA regulations for blood borne pathogen exposure control and hazard control.

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 142 Procedures Seminar II

### Units: 1

First-year, weekly discussion and lecture sessions with special emphasis on patient care planning/referrals, and policies and procedures for clinical operation. Occasional guest lectures are included.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 143 Procedures Seminar III

### Units: 1

Weekly discussion, lectures and role playing sessions with special emphasis on patient case studies, patient care planning/referrals and policies and procedures for clinical operation.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Pass/Not Pass

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 151 Electronic Health Records I

### Units: 1

Weekly discussion sessions on topics related to electronic health records.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 152 Electronic Health Records II

**Units: 1**

Patient electronic health record keeping (EHR) with emphasis on care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients and to maintain positive public relations. Includes clinical screening exams on patients.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 161 Periodontology I****Units: 2**

The recognition and etiology of diseases of the periodontium. This is the first course in a series of three consecutive courses in periodontology, and provides fundamental knowledge in the field of dental hygiene.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 162 Periodontology II****Units: 2**

Continuation of the study of periodontal disease, with increased scope and depth concerning histopathology and etiologies of periodontal disease. Emphasis is placed on non-surgical treatment of the various types of periodontal disease.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 171 Community and Public Health Dentistry I****Units: 2**

Students work in groups to develop and implement a community based program with an educational component. Lectures cover the ADPIE model for program planning, teaching methods, analysis of special group characteristics, formulation of lesson plans and development of visual aids.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 181 Restorative Dentistry I****Units: 3**

introduction to restorative dentistry procedures, including rubber dam application. alginate impressions, study models, sealants, mercury hygiene, matrix and wedge application, amalgam carving and L.A. Chemical and physical properties of the materials will also be studied.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 182 Restorative Dentistry II****Units: 1**

Preclinical laboratory exercises in placement and finishing of amalgam restorations.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 200 Head and Neck Anatomy****Units: 2**

The study of the anatomy of the head and neck-specifically the bony structures, blood supply, musculature, and nerve supply. Previously: DENHY 100

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 201 Histology/Embryology****Units: 3**

The study of the development, histology and function of the tissues in the oral cavity. Previously: DENHY 101

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 202 Principles of General Pathology and Systemic Disease

**Units: 2**

The study of general disease conditions that affect the human body and dental treatment. Introduction to terminology, specific diseases and their causes. Previously: DENHY 102

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 210 Dental Radiology

**Units: 2**

The study of the fundamentals of radiology and radiation hygiene, with demonstration and practice in the exposing and processing of intra-oral radiographs. Previously: DENHY 110

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 215 Pain Control II

**Units: 1**

Lecture, demonstration and clinical application of nitrous oxide analgesia and local anesthesia. Lectures on other pain control modalities used in dentistry. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 220 Clinical Dental Hygiene and Fundamentals I

**Units: 8**

Initial course in a series of lecture and lab associated with the application of the dental hygiene process of care. This course focuses on patient assessment and the related clinical skills such as: use of the mouth mirror, probe, and explorer. Previously: DENHY 121

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 221 Clinical Dental Hygiene V

**Units: 6**

Performance of traditional dental hygiene clinical procedures on patients from the campus and community. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 222 Clinical Dental Hygiene VI

**Units: 6**

Performance of traditional dental hygiene clinical procedures on patients from the campus and community. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 223 Clinical Dental Hygiene VII

**Units: 6**

Continuing performance of traditional dental hygiene clinical procedures on patients from the campus and community with increasing competency and efficiency. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 231 Dental Hygiene Fundamentals V

**Units: 2**

Lectures, discussions and practice labs pertinent to clinical skills and related subjects which will be applied in second year dental hygiene clinic.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 232 Dental Hygiene Fundamentals VI

**Units: 2**

Lectures, discussions, and practice labs pertinent to clinical skills and related subjects which will be applied in dental hygiene clinic.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 233 Dental Hygiene Fundamentals VII

**Units: 2**

Lectures and discussions relating to entry into the dental hygiene profession and presentation of perio-control project. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 240 Process of Care I

**Units: 1**

This course supplements Clinical Dental Hygiene and Fundamentals I and is an introduction to the Dental Hygiene Process of Care. Emphasis is on assessment, dental hygiene diagnosis, and documentation phases. Using case studies, students practice how to communicate their findings from assessment exams using role-play exercises and patient-centered communication strategies. Previously: DENHY 141

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 241 Procedures Seminar V

**Units: 1**

Second-year weekly discussion and lecture sessions with special emphasis on patient care planning/referrals and policies and procedures for clinical operation. Occasional guest lectures are included. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 242 Procedures Seminar VI

**Units: 1**

Second-year, weekly discussion and lecture sessions with special emphasis on patient care planning/referrals, and policies and procedures for clinical operation, plus Mock Board patient selection criteria. Occasional guest lectures are included.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 243 Procedures Seminar VII

**Units: 1**

Second-year, weekly discussion and lecture sessions with special emphasis on patient care planning/referrals, policies and procedures for clinical operation, and preparation for the restorative and written portions of the State and Western Regional Licensing Exams.

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of instructor

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 250 Dental Gerontology

**Units: 1**

A course dealing with the special knowledge, attitudes, and technical skills required to provide oral health care to older adults. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 251 Patient Records III

**Units: 1**

Discussion sessions for 2nd year students with emphasis on patient chart record keeping, patient care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients. Patient exams/charting performed with instructor assistance.

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 252 Patient Records IV

### Units: 1

Weekly discussion sessions for second-year students with special emphasis on patient chart record-keeping, and policies and procedures necessary to fulfill legal duties owed to patients, and maintain positive public relations. Includes screening exams on patients.

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 253 Patient Records V

### Units: 1

Discussion sessions for 2nd year students with emphasis on patient chart record keeping, patient care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients. Patient exams/charting performed with minimal instructor assistance.

**Prerequisite Required:** Admission to Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 260 Care of the Patient with Special Needs

### Units: 1

Educational experiences which will enable each student to recognize the physiological, psychological, psychosocial, medical, and oral aspects of disabling conditions in preparation for clinical management of such patients.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 261 Periodontology III

### Units: 1

Continuation of the study of periodontal disease. Emphasis is placed upon the surgical, reconstructive and maintenance phases of periodontal therapy. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 270 Professional Issues

### Units: 1

Lecture and discussion regarding the practice of dental hygiene including resume development, interviewing techniques, patient scheduling systems, employment contracts and dental staff relations. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 271 Public Health/Community Dentistry

### Units: 2

Introduction to the basic principles of public health theory, methods, research, social epidemiology and its impact on dental health education and the dental care delivery system. Limited to students in the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 272 Special Community Dental Health Project

### Units: 1

Advanced study in community dental health with group community projects to be arranged on an individual basis with the instructor. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## DENHY 278 Extramural Clinic I

### Units: 1

Special clinical rotation for second-year students to attend individualized clinical experiences, with dental hygiene treatment for patients in extramural community clinics.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 281 Restorative Dentistry III

**Units: 3**

A study of restorative dentistry procedures and materials including the chemical and physical properties, selection, usage and manipulation.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 282 Restorative Dentistry Preclinic and Clinic

**Units: 3**

Preclinical laboratory exercises in the placement and finishing of amalgam and composite restorations.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 283 Restorative Clinic I

**Units: 2**

Clinical experience in restorative dentistry procedures. Limited to students accepted into the Dental Hygiene Program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 284 Restorative Clinic II

**Units: 2**

Clinical experience in restorative dentistry procedures. Limited to students accepted into the Dental Hygiene program.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 288 Extramural Clinic II

**Units: 1**

Special clinical rotation for second-year students to attend individualized clinical experiences, with dental hygiene treatment for patients in extramural community clinics.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 291 Special Topics in DENHY

**Units: 1**

Classes focusing on specific issues and/or topics of interest in dental hygiene.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 292 Special Topics in Dental Hygiene

**Units: 2**

Classes focusing on specific issues and/or topics of interest in dental hygiene.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 293 Special Topics in Dental Hygiene

**Units: 3**

Classes focusing on specific issues and/or topics of interest in dental hygiene.

**Prerequisite Required:** Acceptance into the Dental Hygiene program

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 297 Individual Project in Dental Hygiene

**Units: 1**

Individual project in a specific area of dental hygiene. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 298 Individual Project in Dental Hygiene

**Units: 2**

Individual project in a specific area of dental hygiene. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 299 Individual Project in Dental Hygiene

**Units: 3**

Individual project in a specific area of dental hygiene. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 305 Principles of Research in Health-Related Systems

**Units: 3**

In-depth study of the research process and use of scientific literature to develop oral health care plans and interdisciplinary health projects. Requires sophisticated library searches and other types of investigations and the use of applied statistics to develop a model project. Prepares students to practice evidence-based dental hygiene in their professional careers.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 311 Dental Radiology****Units: 3**

Continuation of DENHY 210 with continued emphasis on intra-oral and panoramic radiographic techniques. Previously: DENHY 111

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 312 Dental Anatomy and Morphology****Units: 2**

Lecture and laboratory exercises on nomenclature, anatomy, morphology and function of the primary and permanent dentitions. Previously: DENHY 112

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 314 Oral Pathology****Units: 2**

The recognition and etiology of clinical oral pathologies of the oral/facial area. Introduction to detection, description and evaluation of oral lesions. Previously: DENHY 114

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 315 Pain Control I****Units: 3**

A study of the local anesthesia drugs used in dentistry. Topics include pharmacology, human physiology, complications, patient evaluation, and techniques utilized in the administration of local anesthetic drugs. Previously: DENHY 115

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 320 Medical Emergencies****Units: 2**

Lectures and clinical exercises preparing the student to prevent, recognize, and respond to medical emergencies in the dental setting. Previously: DENHY 120

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 322 Clinical Dental Hygiene II****Units: 4**

This clinical course is a continuation of DENHY 220, building upon the assessment, diagnosis, and planning phases of dental hygiene care. New concepts are introduced in the implementation and evaluation phase with an emphasis on the use of self-reflection in the development of critical thinking skills.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**DENHY 323 Clinical Dental Hygiene III****Units: 4**

This clinical course is a continuation of DENHY 322. Emphasis is on the implementation and evaluation phase of dental hygiene practice. New concepts are introduced in the implementation and evaluation phase with an emphasis on the use of self-reflection in the development of critical thinking skills.

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 324 Clinical Dental Hygiene IV

**Units: 3**

Performance of traditional dental hygiene clinical procedures on patients from the community.

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 330 Pharmacology

**Units: 3**

The study of the general pharmacological and therapeutic actions of drugs pertaining to dentistry including nomenclature, dosage, routes of administration, indications, contraindications, and the legal factors involved in dispensing. Previously: DENHY 130

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 340 Ethics and Jurisprudence

**Units: 3**

Lectures and discussions regarding ethics and jurisprudence related to the practice of dentistry and dental hygiene. The course builds on the pre-requisite knowledge gained about value systems and ethics. Successful completion of the course leads to clinical applications in ethical and legal practice of dental hygiene, and research applications to further study in the ethics and jurisprudence related to oral health care. Previously: DENHY 140

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 342 Process of Care II

**Units: 3**

This course builds upon Process of Care I with emphasis on the planning and implementation phase of the Dental Hygiene Process of Care. Using case studies, students analyze assessment information, establish a dental hygiene diagnosis, and select dental hygiene treatment and interventions based on the clinical findings. Previously: DENHY 142

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 343 Process of Care III

**Units: 3**

This course builds upon DENHY 342 Process of Care II with emphasis on the planning, implementation, and evaluation phases of the Dental Hygiene Process of Care. This course uses role-playing exercises for presenting care plans using patient-centered communication.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 344 Process of Care IV

**Units: 2**

This course builds upon DENHY 343 Process of Care III with emphasis on the implementation and evaluation phases of the Dental Hygiene Process of Care.

**Prerequisite Required:** Admission to the Dental Hygiene program or by instructor permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 351 Electronic Health Records I

**Units: 1**

Weekly discussion on topics related to electronic health records. Previously: DENHY 151

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 360 Special Populations

**Units: 2**

Educational experiences which will enable each student to recognize the physiological, psychological, psychosocial, medical, and oral aspects of providing oral health care to pregnant patients, older adults and those with disabling conditions in preparation for clinical management. The course focuses on identifying special needs that lead to treatment modifications in dental hygiene care and provides a foundation for further study. Successful completion of the course leads to the acquisition of knowledge and skills necessary to effectively provide oral care to special populations. Previously: DENHY 250 and DENHY 260

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer



### DENHY 361 Periodontology I

**Units: 2**

The recognition and etiology of diseases of the periodontium. This is the first course in a series of three consecutive courses in periodontology, and provides fundamental knowledge in the field of dental hygiene. Previously: DENHY 161

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 362 Periodontology II

**Units: 2**

Continuation of the study of periodontal disease, with increased scope and depth concerning histopathology and etiologies of periodontal disease. Emphasis is placed on non-surgical treatment of the various types of periodontal disease. Previously: DENHY 162

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 380 Theory of Restorative Dentistry

**Units: 1**

This course is an introduction to restorative dentistry with a focus on the chemical and physical properties of the dental materials used in restorative dentistry.

**Prerequisite Required:** Admission to the Dental Hygiene program or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 381 Restorative Dentistry I

**Units: 2.5**

Introduction to restorative dentistry procedures, including rubber dam application, alginate impressions, study models, sealants, mercury hygiene, matrix and wedge application, amalgam carving and chemical and physical properties of restorative materials.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 382 Restorative Dentistry II

**Units: 1.5**

Preclinical exercises in placement and finishing of amalgam and composite restorations.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 415 Pain Control II

**Units: 1**

Continuation of Pain Control I with lecture, demonstration and clinical application of nitrous oxide analgesia and intraoral injections of local anesthesia used in dentistry. Previously: DENHY 115

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 421 Clinical Dental Hygiene V

**Units: 6**

Provide traditional dental hygiene clinical procedures on patients from the campus and community. Previously: DENHY 221

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 422 Clinical Dental Hygiene VI

**Units: 6**

Continuation of DENHY 421. In this course, students will demonstrate an increased level of proficiency and speed in providing traditional dental hygiene clinical procedures on patients from the campus and community. Previously: DENHY 222

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 423 Clinical Dental Hygiene VII

**Units: 6**

Continuation of DENHY 422. In this course, students will demonstrate an increased level of proficiency and autonomy in providing traditional dental hygiene clinical procedures on patients from the campus and community. Previously: DENHY 223

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 431 Advanced Dental Hygiene Theory V

#### Units: 3

Lectures, discussions, and labs pertinent to clinical skills and related subjects applied in the dental hygiene clinic.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 432 Advanced Dental Hygiene Theory VI

#### Units: 3

Lectures and discussions pertinent to clinical skills and related subjects applied in the dental hygiene clinic.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 433 Advanced Dental Hygiene Theory VII

#### Units: 2

Completion of periodontal case study project and presentation.

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 461 Periodontology III

#### Units: 1

Continuation of the study of periodontal disease. Emphasis is placed upon the surgical, reconstructive and maintenance phases of periodontal therapy. Previously: DENHY 261

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 470 Successful Skills for Careers in Dental Hygiene

#### Units: 1

Lecture and discussion regarding the practice of dental hygiene including resume development, interviewing techniques, patient scheduling systems, employment contracts and dental staff relations. Previously: DENHY 270

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 471 Community and Public Health Dentistry I

#### Units: 2

Students work in groups to develop and implement a community-based program with an educational component. Lectures cover educational methodology including the Dental Hygiene Process of Care (ADPIE), teaching methods, analysis of special group characteristics, formulation of lesson plans and development of visual aids.

The course builds on the pre-requisite knowledge gained about communication, including written and oral presentations. The course focuses on similarities and differences between individual patient care and community health and provides a foundation for further study. Successful completion of the course leads to increased effectiveness in understanding dental hygiene care at the population level, experience in creating written and oral presentations in group settings, and research applications to further study in oral epidemiology. Previously: DENHY 171

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 472 Community and Public Health Dentistry II

#### Units: 3

Analyze the principles of public health theory, methods, research, social epidemiology and its impact on dental health education and the dental care delivery system. The course builds on the pre-requisite knowledge gained about written and oral communication, and dental hygiene courses about community health and issues at the population level. The course focuses on measurements and techniques used to study oral health at the population level and provides a foundation for further dental science study. Successful completion of the course leads to applications in epidemiology, biostatistics, and research applications for further study in oral health at the population level.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 473 Community Dental Health Project

**Units: 3**

"Capstone" Advanced study in community dental health with interprofessional allies in community projects to be arranged on an individual basis with the instructor. Portfolio and oral presentation required. Capstone project solidifies concepts introduced and applied in the dental hygiene courses for community health. Successful completion of the course leads to applications in epidemiology, biostatistics, and research applications in oral health.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 478 Extramural Clinic I

**Units: 1**

In this course students will complete clinical rotations through community clinics and provide dental hygiene treatment.

Previously: DENHY 278

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 481 Restorative Dentistry III

**Units: 2**

A study of restorative dentistry procedures and materials including the chemical and physical properties, selection, usage, and manipulation.

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 482 Restorative Dentistry Preclinic and Clinic I

**Units: 3**

Preclinical laboratory exercises in the placement and finishing of amalgam and composite restorations. The last week of the quarter includes one patient care experience in providing restorative treatment. Previously: DENHY 282

**Prerequisite Required:** Admission to the Dental Hygiene Program or permission of the instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 483 Restorative Clinic II

**Units: 2**

Clinical experience in restorative dentistry procedures. Previously: DENHY 283

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 484 Restorative Clinic III

**Units: 2**

Clinical experience in restorative dentistry procedures. Previously: DENHY 284

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### DENHY 488 Extramural Clinic II

**Units: 1**

This course is a continuation of DENHY 478. Students complete clinical rotations through community clinics and provide dental hygiene treatment. Previously: DENHY 288

**Prerequisite Required:** Admission to the Dental Hygiene Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## Drama

### DRMA 144 Acting 1

**Units: 5**

An introduction to the craft of acting. Students learn theory and practice of acting through exercises, rehearsals and games, improving their ability to concentrate, relax, listen, observe and practice empathy. Open to all levels of experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 145 Acting 2

**Units: 5**

A continued practice to the craft of acting. Students learn the theory and practice of acting through exercises, rehearsals, and games, improving their ability to concentrate, relax, listen and observe, and practice empathy.

**Prerequisite Required:** Instructor permission OR completion of one of the following Shoreline performance based courses: DRMA 144, DRMA 155, DRMA 156, DRMA 157, DRMA 225, or DRMA 295.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 146 Acting 3

**Units: 5**

A continued practice to the craft of acting. Students learn the theory and practice of acting through exercises, rehearsals, and games, improving their ability to concentrate, relax, listen and observe, and practice empathy.

**Prerequisite Required:** Instructor permission OR completion of one of the following Shoreline performance based courses: DRMA 144, DRMA 145, DRMA 155, DRMA 156, DRMA 157, DRMA 225, or DRMA 295.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 155 Acting for Television and Film****Units: 3**

Dramatic and commercial acting for work in film, television and commercials. Learn auditioning styles, acting technique and the marketing skills needed for a successful screen acting career.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 156 Acting, Writing, Directing for the Camera I****Units: 5**

A fast-paced introduction to film and video production. Discussion of films in terms of cinematic styles, acting and screenplay structure along with exercises in acting, directing, writing and filming of original productions.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 157 Acting, Writing, Directing for the Camera 2****Units: 5**

A continued fast-paced introduction to film and video production. Discussion of films in terms of cinematic styles, acting and screenplay structure along with exercises in acting, directing, writing and filming of original productions.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 171 Circus Performance: Balance and Motion****Units: 3**

Expand dramatic and kinesthetic abilities. Learn juggling, rope walking, other circus skills. Practice theories of balance, motion. Develop historical, international perspectives on performance art. Create dramatic performance as final project. Excellent training for actors and athletes. PE 171

**Grading Basis:** Student Option

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

**DRMA 207 Theatrical Production****Units: 1**

Laboratory for students participating in theatrical and video/film productions for the viewing public including writing, acting, directing, designing, technical theater and/or marketing.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 208 Theatrical Production****Units: 2**

Laboratory for students participating in theatrical and video/film productions for the viewing public including writing, acting, directing, designing, technical theater and marketing.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 209 Theatrical Production****Units: 3**

Laboratory for students participating in theatrical and video/film productions for the viewing public including writing, acting, directing, designing, technical theater and/or marketing.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 224 Theater Career Planning and Auditioning****Units: 2**

Study of possible career opportunities in theater and film productions and the process of selection and application to programs and schools through interviews, resumes.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 225 Improvisational Theater****Units: 3**

An introduction to the principles of improvisational acting with a focus on listening skills, ensemble work, vocal and physical exercises, games, and live performance.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

**DRMA 226 Children's Theater Production****Units: 5**

A collaborative, student-driven course in which members write, design, and perform an original theatrical production for children and adults.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

### DRMA 234 Experimental Theater: Faculty Directed

**Units: 1-5**

Students explore historical and contemporary non-traditional and experimental theater through the performance of faculty-directed new play scripts.

**Prerequisite Required:** Admission by permission of instructor after audition.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 235 Experimental Theater: Student Directed

**Units: 1-5**

Student-directed and/or written plays and faculty-directed short plays or advanced acting scenes, faculty-directed reader's theater and advanced acting scenes.

**Prerequisite Required:** Admission by permission of instructor after audition.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 244 Stage Technology

**Units: 5**

Students examine the fundamental theories, principles, and history of the techniques and equipment used for stage scenery, sound, and lighting.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 245 Beginning Stage Lighting

**Units: 5**

Immersion in the theories, drafting techniques, and equipment used for stage lighting. Includes instruction in light pilot design and USITT drafting standards.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 246 Scenic Stage Design I

**Units: 1-5**

Practicum in the theories, techniques and practices used in scenic design and in creating stage settings.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 255 Directing

**Units: 5**

Theory and practice in directing for stage productions. Attention given to all aspects from selection to actual production.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 291 Special Topics in Drama

**Units: 1**

Classes focus on specific issues and/or topics of interest in Drama.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### DRMA 292 Special Topics in Drama

**Units: 2**

Classes focus on specific issues and/or topics of interest in drama.

**Grading Basis:** Graded

### DRMA 293 Special Topics in Drama

**Units: 3**

Classes focus on specific issues and/or topics of interest in drama.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Humanities - Performance

### DRMA 295 Special Topics in Drama

**Units: 5**

Classes focus on specific issues and/or topics of interest in drama.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### DRMA 297 Individual Project in Drama

**Units: 1**

Individual project in a specific area of drama. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### DRMA 298 Individual Project in Drama

**Units: 2**

Individual project in a specific area of drama. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### DRMA 299 Individual Project in Drama

**Units: 3**

Individual project in a specific area of drama. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### DRMA& 101 Introduction to Theatre

**Units: 5**

Students explore dramatic traditions by reading and analyzing plays from ancient to contemporary times.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General

### DRMA& 101W Introduction to Theatre

**Units: 5**

Students explore dramatic traditions by reading and analyzing plays from ancient to contemporary times.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General

## Economics

### ECON 100 Survey of Economic Principles

**Units: 5**

Introduction to fundamental economic concepts through the contemporary social issues. How societies deal with limited resources and social, cultural, political responses to changing economic conditions. Recommended for students wanting greater understanding of economics and contemporary issues, not recommended for economics majors or students planning to obtain a BA in Business.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ECON 291 Special Topics in Economics

**Units: 1**

Classes focusing on specific issues and/or topics of interest in Economics.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ECON 292 Special Topics in Economics

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Economics.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ECON 293 Special Topics in Economics

**Units: 3**

Classes focusing on specific issues and/or topics of interest in Economics.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ECON 294 Special Topics in Economics

**Units: 4**

Classes focusing on specific issues and/or topics of interest in Economics.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ECON 295 Special Topics in Economics

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Economics.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### ECON 297 Individual Project in Economics

**Units: 1**

Individual project in a specific area of economics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ECON 298 Individual Project in Economics

**Units: 2**

Individual project in a specific area of Economics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ECON 299 Individual Project in Economics

**Units: 3**

Individual project in a specific area of Economics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## ECON& 201 Micro Economics

### Units: 5

How do consumer and producer choices influence social outcomes? Issues include competition and corporate power, wealth and poverty, environmental quality, and role of government in a market economy.

**Prerequisite Required:** MATH 98 or MATH 99 with a grade of 2.0 or better, or equivalent placement. Placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## ECON& 202 Macro Economics

### Units: 5

What determines national economic growth and prosperity? What causes booms and busts? What are the effects of government policies regarding taxes, government spending and money supply? Issues include: unemployment, inflation, international trade and globalization.

**Prerequisite Required:** ECON& 201 or equivalent with a grade of 2.0 or better, and placement into MATH 99. Completion of ENGL 99 or equivalent with a grade of 2.0 or better, or placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## Education Learning Assistance

### EDULA 199 Tutoring Writing & Learning: Theory & Practice

#### Units: 3

This course combines classroom instruction with supervised practice for students wanting to work as tutors in The Writing & Learning Studio. Topics include writing center theory and practice, learning theory, and tutoring principles and strategies with a focus on helping writers during all stages of the writing process.

**Prerequisite Required:** Minimum grade of 3.5 in ENGL& 101 and interview with instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### EDULA 291 Special Topics in Education Learning Assistance

#### Units: 1

Classes focus on specific issues and/or topics of interest in education learning assistance.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### EDULA 292 Special Topics in Education Learning Assistance

#### Units: 2

Classes focus on specific issues and/or topics of interest in education learning assistance.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## Engineering

### ENGR 90 Independent Study Engineering

#### Units: 1-3

Students study engineering topics individually or in small groups using the Computer Science and Engineering Learning Center. This course is an opportunity for tutorial instruction, exploration of available campus resources, and college success topics. No appointments are necessary.

**Prerequisite Required:** Concurrent enrollment in any ENGR or ENGR& course required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ENGR 100 Introduction to Engineering and Design

#### Units: 4

Introduction to the engineering profession and design process. Course includes guest speakers, team activities, and career planning. Communication, creative skills, and teamwork are developed utilizing journals, written reports, poster presentations, and sketching.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Elective

### ENGR 102 Introduction to Electronics

#### Units: 5

Project-based introduction to electronics including coverage of the Arduino microcontroller and Python. Weekly projects cumulate in a final project of the students' own design. Design and rapid prototyping techniques are introduced, including circuit simulation, breadboard assembly, printed circuit board layout and soldering.

**Prerequisite Required:** MATH 99, and ENGL 99 or equivalent, with grades of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### ENGR 115 Intro to Engineering: Modeling and Analysis

#### Units: 5

Unit analysis, vectors, particle equilibrium, teamwork skills, Excel, Matlab, report writing, application of math and physics to engineering problems.

**Prerequisite Required:** ENGR& 114 and MATH& 142 with a grade of 2.0 or better. MATH& 142 may be taken concurrently.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Elective

### ENGR 202 Digital Logic with Programmable Devices

#### Units: 5

Introduction to the basic components of logic circuits. Design and analysis of combinational and sequential logic circuits using relevant theorems, mathematical models, and hardware description language. Includes exposure to modern methods and design tools.

**Prerequisite Required:** CS 121 or CS& 141 or ENGR 102, with a grade of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

### ENGR 206 Advanced Solid Works

#### Units: 3

Advanced 3D CAD models using SolidWorks parametric solid modeling; swept and lofted shapes; assembly interference checking, collision detection, dynamic clearance, physical dynamics and simulation surfaces, use of Photo Works rendering, and Cosmos FEA in linear static, frequency, buckling, and thermal analysis.

**Prerequisite Required:** ENGR 205 or ENGR& 114 with a grade of 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Other Science

### ENGR 240 Applied Numerical Methods with MATLAB

#### Units: 5

Numerical solutions to problems in engineering and science using modern scientific computing tools. Application of mathematical judgment in selecting computational algorithms and communicating results. Introduction to MATLAB programming for numerical computation. MATH 207 and MATH 208 suggested.

**Prerequisite Required:** MATH& 163 with 2.0 or better. ENGR 115 or ENGR 102 or CS 121 or CS& 141 with 2.0 or better, or prior programming experience required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

### ENGR 294 Special Topics: Engineering

#### Units: 4

Classes focusing on specific issues and/or topics of interest in engineering.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### ENGR 297 Individual Project in Engineering

#### Units: 1

Individual project in a specific area of engineering. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ENGR 298 Individual Project in Engineering

#### Units: 2

Individual project in a specific area of engineering. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ENGR 299 Individual Project in Engineering

#### Units: 3

Individual project in a specific area of engineering. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### ENGR& 104 Introduction to Design: Mechatronics & Robotics

#### Units: 5

Introduction to design methodologies using mechatronics and robotics systems as case studies. Students will learn principles of design methods, then use rapid prototyping tools to design and build electronics and mechanical components, assemble these into a robot and program it to accomplish a specific design goal.

**Prerequisite Required:** ENGR& 114 or ENGR 102 or CS 121 or CS& 141 or ENGR 202 or PHYS& 221, with a grade of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer



## ENGR& 114 Engineering Graphics

### Units: 5

Development of 2D and 3D visualization skills, fundamentals of orthographic projection, isometric and engineering drawings and dimensioning using hand sketching, AutoCAD, and Solid Works.

**Prerequisite Required:** ENGL 99 or equivalent, and MATH 99, with grades of 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## ENGR& 204 Electrical Circuits with AC Analysis and Lab

### Units: 6

Introduction to basic circuit and systems concepts. Development of mathematical models of components including resistors, sources, capacitors, inductors, operational amplifiers and transistors. Solution of first and second order linear differential equations associated with basic circuit forms. Steady state sinusoidal excitation and phasors.

**Prerequisite Required:** PHYS& 222 or ENGR 102, and MATH 207, with grades of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Elective

## ENGR& 214 Statics

### Units: 5

Principles of engineering statics, basic concepts, resultants, force-couple relationships, equilibrium diagrams, equilibrium analysis, three-dimensional structures, two-dimensional frames, trusses, beams and friction. Vector algebra used throughout the course.

**Prerequisite Required:** ENGR& 114 and ENGR 115 with grades of 2.0 or better. MATH& 151 with grade of 2.0 or better (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

## ENGR& 215 Dynamics

### Units: 5

A general treatment of the dynamics of particles and rigid bodies using vectors; kinematics, kinetics, momentum and energy principles for particles and rigid bodies; use of total acceleration equation.

**Prerequisite Required:** PHYS& 221, ENGR& 214 and MATH& 163 with grades of 2.0 or better. (MATH& 163 may be taken concurrently.)

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

## ENGR& 225 Mechanics of Materials

### Units: 5

An introduction to the mechanics of solids, strain and deformation, stress, stress-strain relationships; torsion, stresses due to bending; combined stresses using Mohr's circle.

**Prerequisite Required:** ENGR& 214 and MATH& 152 with grades of 2.0 or better. (MATH& 152 may be taken concurrently.)

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

## English

### ENGL 80 Critical Thinking in College and Life

#### Units: 10

Students improve their critical and creative thinking skills to become successful in college. Students learn strategies for reading, writing, problem-solving, self-assessment, and navigating college systems in the context of their educational goals and life interests.

**Prerequisite Required:** Placement into ENGL 080. Registration requires the signature of an approved advisor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ENGL 89 Learning Studio

#### Units: 1-3

Students work on level-appropriate assignments to develop vocabulary, study strategies, and/or reading comprehension using The Writing & Learning Studio resources. Possible topics: memory, note-taking, learning from textbooks, English word study, critical reading skills. For students in all disciplines. 20 hours attendance for each credit.

**Prerequisite Required:** Non-native English speakers must be above ESL Level 4.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

### ENGL 90 Reading and Writing in the Academic Subjects

#### Units: 5

Students develop abilities for successful reading, writing and learning in college. They learn how knowledge and information are organized in college and how to improve achievement across disciplines. Students explore academic/career goals. Usually offered in conjunction with STYSK 100 for a total of 10 credits.

**Prerequisite Required:** Completion of ENGL 80 or equivalent with a 2.0 or better, or placement into ENGL 090, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ENGL 98 Writing Studio

### Units: 1-4

Students receive support with writing, reading, conversational English, and study skills through supplemental instruction and required tutoring sessions. Supports students taking writing-intensive courses or seeking to strengthen academic or personal skills.

**Prerequisite Required:** Non-native English speakers must be above ESL Level 4.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

## ENGL 99 Analytical Reading and Writing

### Units: 5

Students develop analytical reading, writing, and thinking skills necessary for writing college-level essays.

**Prerequisite Required:** Completion of ENGL 90 or equivalent with a 2.0 or better, or placement into ENGL 099, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Prof/Tech Certificate

## ENGL 110 Reading and Writing Strategies

### Units: 2

To support success in ENGL& 101, students participate in practice sessions focused on reading and writing process, reflection, and information literacy. Students engage with ENGL&101 assignments in a supportive and collaborative environment. Student option grading.

**Prerequisite Required:** Placement into ENGL 99 or ABE 52 is required. Concurrent enrollment in ENGL& 101 is required.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## ENGL 154 Great Works of Asian Literature

### Units: 5

Students explore classic literature of Asian countries such as China, Japan, India, Vietnam & Korea. They will examine how the literature and sense of beauty in each country are influenced by Asian thought: Buddhism, Daoism, Confucianism and Hinduism. Texts may include fiction, plays, film and poetry.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 154W Great Works of Asian Literature

### Units: 5

Students explore classic literature of Asian countries such as China, Japan, India, Vietnam & Korea. They will examine how the literature and sense of beauty in each country are influenced by Asian thought: Buddhism, Daoism, Confucianism and Hinduism. Texts may include fiction, plays, film and poetry.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 200 Survey of World Literature

### Units: 5

Students read a sample of fiction, poetry, drama and other genres from around the world. Students explore the features of these different forms, the role of culture and history in shaping the literature of various nations and various cultures' distinct conceptions of literature.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 200W Survey of World Literature

### Units: 5

Students read a sample of fiction, poetry, drama and other genres from around the world. Students explore the features of these different forms, the role of culture and history in shaping the literature of various nations and various cultures' distinct conceptions of literature.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 207 Introduction to Irish Literature

### Units: 5

Students explore Irish culture through myth, fiction, poetry, and plays. Includes works written in English and translated from Gaelic. Periods may include Celtic, medieval, colonial, Irish Renaissance, and contemporary. Authors range from Nobel winners like Yeats, Joyce, and Heaney to regional authors such as Morrissey and Kavanagh.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 207W Introduction to Irish Literature

### Units: 5

Students explore Irish culture through myth, fiction, poetry, and plays. Includes works written in English and translated from Gaelic. Periods may include Celtic, medieval, colonial, Irish Renaissance, and contemporary. Authors range from Nobel winners like Yeats, Joyce, and Heaney to regional authors such as Morrissey and Kavanagh.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 229 Gothic Literature

### Units: 5

Students explore how Gothic literature challenges conventional views through horror, the irrational, & the supernatural & examines how this literature expresses political, social, and cultural fears. They also trace the genre's transformations through three centuries of British & American literature and film.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 229W Gothic Literature

### Units: 5

Students explore how Gothic literature challenges conventional views through horror, the irrational, & the supernatural & examines how this literature expresses political, social, and cultural fears. They also trace the genre's transformations through three centuries of British & American literature and film.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 247 African American Literature

### Units: 5

Students study African-American literature in its social, political, historical and cultural context. We will explore how the literature reflects experiences unique to African-Americans while presenting characters, settings, themes and experiences shared by all: heartbreak, joy, fear, loss, love and death.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 247W African American Literature

### Units: 5

Students study African-American literature in its social, political, historical and cultural context. We will explore how the literature reflects experiences unique to African-Americans while presenting characters, settings, themes and experiences shared by all: heartbreak, joy, fear, loss, love and death.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 248 Modern American Women Writers

### Units: 5

This course examines how modern women writers explore, express, & construct identity and experience through literature. Read literature from multiple perspectives and cultures in the U.S. Authors may include Hurston, Erdrich, Lahiri, Lorde, Morrison, Ozick, Tan, Viramontes, Wharton and Yamamoto.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 248W Modern American Women Writers

### Units: 5

This course examines how modern women writers explore, express, & construct identity and experience through literature. Read literature from multiple perspectives and cultures in the U.S. Authors may include Hurston, Erdrich, Lahiri, Lorde, Morrison, Ozick, Tan, Viramontes, Wharton and Yamamoto.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 257 Literature of Latin America

### Units: 5

Students explore the literature of several Latin American countries through various genres and time periods, with emphasis upon this literature's immense and enduring global popularity since the latter 20th Century. Authors may include Marquez, Borges, Neruda, Cortazar, Fuentes, and Allende.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 257W Literature of Latin America

### Units: 5

Students explore the literature of several Latin American countries through various genres and time periods, with emphasis upon this literature's immense and enduring global popularity since the latter 20th Century. Authors may include Marquez, Borges, Neruda, Cortazar, Fuentes, and Allende.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 265 Experiential Learning Portfolio Design

### Units: 3

Students design portfolios containing essays, resumes, letters of request, and documentation for Credit for Prior Experiential Learning requests. Students gain knowledge of adult learning strategies and skills.

**Prerequisite Required:** Successful completion of ENGL& 101, BTWRT 215, or ENGL& 101 challenge test.

**Grading Basis:** Pass/Not Pass

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 271 Beginning Poetry Writing I

### Units: 5

ENGL 271 introduces students to the pleasure craft of writing poetry. Students read poems in a variety of styles and voices, as well as texts on poetic theory. In addition, students write their own poems, bearing in mind Robert Frost's remark that 'a poem begins in delight and ends in wisdom.'

**Prerequisite Required:** ENGL& 101, or equivalent with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 272 Beginning Poetry Writing II

### Units: 5

Students expand their verse-writing skills by further exploring such poetic techniques as traditional or 'closed' form, free verse, syllabics and the prose poem. Students learn how to read their poems aloud, how to get the most out of workshop and how to format and submit manuscripts for publication.

**Prerequisite Required:** ENGL 271 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 276 Advanced Expository Writing

### Units: 5

Students build on skills from earlier writing courses and expand their strategies for composing effective non-fiction prose. Writing forms may include argumentation, genre, research, discipline specific, and interdisciplinary.

**Prerequisite Required:** ENGL& 101, or equivalent with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Elective

## ENGL 279 Writing for New Media

### Units: 5

Students write for various purposes in electronic media such as websites, social networking forums, video games, blogs, wikis, webisodes, and others. Students explore organization, style, differences among media, audience analysis, writing for a multimedia environment, and collaborative writing. Specific content varies.

**Prerequisite Required:** ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101, or writing portfolio with instructor permission. Basic familiarity with computers, the Internet, and word-processing software.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities - Performance

## ENGL 281 Beginning Short Story Writing I

### Units: 5

Students will explore and write short fiction using plot, character, atmosphere, point of view, symbolism, metaphor, and theme. Using various narrative strategies, they will write and workshop various fictional pieces. They will identify the strengths and limitations of various storytelling media.

**Prerequisite Required:** ENGL& 101

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 282 Beginning Short Story Writing II

### Units: 5

Continues the work of ENGL 281: narrative techniques of the short story. Students analyze fiction by examining plot, characters, atmosphere, point of view, metaphor and theme before writing their own works.

**Prerequisite Required:** ENGL 281

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 287 European Lit: Masterpieces of Greece and Rome

### Units: 5

Exploring how these works shaped their own cultures and exert a powerful influence upon later cultures, students read the myths, poems, comedies and tragedies of ancient Greece and Rome.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 287W European Lit: Masterpieces of Greece and Rome

### Units: 5

Exploring how these works shaped their own cultures and exert a powerful influence upon later cultures, students read the myths, poems, comedies and tragedies of ancient Greece and Rome.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 288 European Lit: Medieval Through Enlightenment

### Units: 5

Students read works from The Medieval Era through The Age of Enlightenment, considering various genres and countries. Artists may include Dante, Boccaccio, Cervantes, Machiavelli, Goethe, and Voltaire.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 288W European Lit: Medieval Through Enlightenment

### Units: 5

Students read works from The Medieval Era through The Age of Enlightenment, considering various genres and countries. Artists may include Dante, Boccaccio, Cervantes, Machiavelli, Goethe, and Voltaire.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 289 European Lit: Modern to Contemporary

### Units: 5

Students read works from 19th-Century through present-day European literature, considering various genres and countries. Authors may include Dostoevsky, Tolstoy, Kafka, Camus, Ibsen, Collette, Checkov, and Calvino.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 289W European Lit: Modern to Contemporary

### Units: 5

Students read works from 19th-Century through present-day European literature, considering various genres and countries. Authors may include Dostoevsky, Tolstoy, Kafka, Camus, Ibsen, Collette, Checkov, and Calvino.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## ENGL 292 Special Topics in English

### Units: 2

Classes focus on specific issues and/or topics of interest in English.

**Grading Basis:** Graded

## ENGL 293 Special Topics in English

### Units: 3

Classes focus on specific issues and/or topics of interest in English.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

## ENGL 294 Special Topics in English

### Units: 4

Classes focus on specific issues and/or topics of interest in English.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

## ENGL 294W Special Topics in English - W

### Units: 4

Classes focus on specific issues and/or topics of interest in English.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### ENGL 295 Special Topics in English

**Units: 5**

Classes focus on specific issues and/or topics of interest in English.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Humanities General

### ENGL 295W Special Topics in English-W

**Units: 5**

Classes focus on specific issues and/or topics of interest in English.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Humanities General

### ENGL 297 Individual Project in English

**Units: 1**

Individual project in a specific area of English. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Elective

### ENGL 298 Individual Project in English

**Units: 2**

Individual project in a specific area of English. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ENGL 299 Individual Project in English

**Units: 3**

Individual project in a specific area of English. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ENGL 299W Individual Project in English

**Units: 3**

Individual project in a specific area of English. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### ENGL& 101 English Composition I

**Units: 5**

Students write in various forms and modes, displaying focus, organization, appropriate style, and technical control. They develop skills in critical thinking and close reading of texts and respond in writing and discussion to assigned topics.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101, or instructor permission.

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

### ENGL& 101H English Composition I HC

**Units: 5**

Students write essays that display focus, organization, appropriate style, and technical control. They develop skills in critical thinking and close reading of texts and respond in writing and discussion to assigned topics.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

### ENGL& 102 Composition II: Reasoning/Research/Writing

**Units: 5**

Students write research essays on various topics. Using both traditional and new information technologies, they develop skills as researchers, critical thinkers and writers of documented analysis and argumentation.

**Prerequisite Required:** Completion of ENGL& 101 with a grade of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

### ENGL& 102H Composition II: Reasoning/Research/Writing HC

**Units: 5**

Students write research essays on various topics. Using both traditional and new information technologies, they develop skills as researchers, critical thinkers and writers of documented analysis and argumentation.

**Prerequisite Required:** Completion of ENGL& 101 with a grade of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

## ENGL& 111 Introduction to Literature

### Units: 5

Students explore poetry, fiction, non-fiction and drama representing multiple perspectives of the human experience.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL& 111W Introduction to Literature

### Units: 5

Students explore poetry, fiction, non-fiction and drama representing multiple perspectives of the human experience.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## ENGL& 112 Introduction to Fiction

### Units: 5

Students explore techniques of fiction and analyze fictional genres, including short stories and novels from various cultures and time periods, representing multiple perspectives of the human experience.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

## ENGL& 112W Introduction to Fiction

### Units: 5

Students explore techniques of fiction and analyze fictional genres, including short stories and novels from various cultures and time periods, representing multiple perspectives of the human experience.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

## ENGL& 113 Introduction to Poetry

### Units: 5

Students explore the mystery, magic and music of poetry.

Readings focus on poets in English but may include works in translation from other times and cultures. Students examine the forms, styles and themes of poetry, keeping in mind that a poem is always greater than the sum of its parts.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL& 113W Introduction to Poetry

### Units: 5

Students explore the mystery, magic and music of poetry.

Readings focus on poets in English but may include works in translation from other times and cultures. Students examine the forms, styles and themes of poetry, keeping in mind that a poem is always greater than the sum of its parts.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL& 220 Introduction to Shakespeare

### Units: 5

Students explore Shakespeare's plays and sonnets for their unforgettable characters, brilliant language and timeless themes. Readings and film viewings may include Hamlet, Othello, A Midsummer Night's Dream, Henry V, and The Tempest.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

## ENGL& 220W Introduction to Shakespeare

### Units: 5

Students explore Shakespeare's plays and sonnets for their unforgettable characters, brilliant language and timeless themes. Readings and film viewings may include Hamlet, Othello, A Midsummer Night's Dream, Henry V, and The Tempest.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

### ENGL& 226 British Literature I

**Units: 5**

Students explore English literature from the Middle Ages to the 17th century and how it reflects and shapes literary, political, historical, and cultural developments. Students will examine a variety of texts, genres, and perspectives.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

### ENGL& 226W British Literature I

**Units: 5**

Students explore English literature from the Middle Ages to the 17th century and how it reflects and shapes literary, political, historical, and cultural developments. Students will examine a variety of texts, genres, and perspectives.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

### ENGL& 227 British Literature II

**Units: 5**

Students explore English literature from the 17th century to the late 18th century and how it reflects and shapes literary, political, historical, and cultural developments. Students will examine a variety of texts, genres, and perspectives.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

### ENGL& 227W British Literature II

**Units: 5**

Students explore English literature from the 17th century to the late 18th century and how it reflects and shapes literary, political, historical, and cultural developments. Students will examine a variety of texts, genres, and perspectives.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

### ENGL& 228 British Literature III

**Units: 5**

Students explore English literature from the 19th to the 20th century and how it reflects and shapes literary, political, historical, and cultural developments. Students will examine a variety of texts, genres and perspectives.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

### ENGL& 228W British Literature III

**Units: 5**

Students explore English literature from the 19th to the 20th century and how it reflects and shapes literary, political, historical, and cultural developments. Students will examine a variety of texts, genres and perspectives.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

### ENGL& 230 Technical Report Writing

**Units: 3**

Students learn the fundamental principles and practices of effective technical writing in business, non-profit and/or government environments. Writing includes reports, letters, resumes, progress reports, brochures, technical reports, newsletters, executive summaries, surveys, and project documentation.

**Prerequisite Required:** ENGL& 101 or equivalent with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### ENGL& 235 Technical Writing

**Units: 5**

Students engage in developing, organizing, and expressing technical information and ideas with attention to visual appeal and readability. Students use a variety of media to develop dynamic skills in research and design to innovate within the ever-evolving landscapes of professional and technical settings. Emphasis is placed on audience analysis, problem-solving, and visual design for practical application. Students create a range of technical projects while analyzing and reflecting upon ethically and culturally responsive communication practices for diverse audiences.

**Prerequisite Required:** Completion of ENGL& 101 with a grade of 2.0 or higher.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Communication Skills:** Transfer

**This course fulfills a distribution requirement for:** Elective

### ENGL& 244 American Literature I



**Units: 5**

Students explore American literature thematically and examine how it reflects and shapes literary, political, historical, and cultural developments. Each course will focus on a particular theme. Possible themes are: protest, war, the Harlem Renaissance, immigration, or American Dreams.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

**ENGL& 244W American Literature I****Units: 5**

Students explore American literature thematically and examine how it reflects and shapes literary, political, historical, and cultural developments. Each course will focus on a particular theme. Possible themes are: protest, war, the Harlem Renaissance, immigration, or American Dreams.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

**ENGL& 245 American Literature II****Units: 5**

Students explore how literature in a particular time period reflects and shapes literary movements and political, historical, and cultural developments. Each course may focus on a different time period. Possible timelines are: Colonial to 19th-century; 19th-century; 20th-century and 21st-century.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

**ENGL& 245W American Literature II****Units: 5**

Students explore how literature in a particular time period reflects and shapes literary movements and political, historical, and cultural developments. Each course may focus on a different time period. Possible timelines are: Colonial to 19th-century; 19th-century; 20th-century and 21st-century.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

**ENGL& 246 American Literature III****Units: 5**

Students explore American literature through a particular genre or literary movement and examine how it reflects and shapes cultural, political, and historical developments. Genres and movements might include one of the following: Modernism, science fiction, protest literature, Beat poets, or LGBT literature.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

**ENGL& 246W American Literature III****Units: 5**

Students explore American literature through a particular genre or literary movement and examine how it reflects and shapes cultural, political, and historical developments. Genres and movements might include one of the following: Modernism, science fiction, protest literature, Beat poets, or LGBT literature.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Humanities General

**English for Academic Purposes - ABE****EAPAB 1 Special Topics in EAP\ABE****Units: 1**

Classes focus on specific issues and/or topics of interest in EAP\ABE.

**Grading Basis:** BEdA

**EAPAB 2 Special Topics in EAP\ABE****Units: 1-2**

Classes focus on specific issues and/or topics of interest in EAP\ABE.

**Grading Basis:** BEdA

**EAPAB 3 Special Topics in EAP\ABE****Units: 1-3**

Classes focus on specific issues and/or topics of interest in EAP\ABE.

**Grading Basis:** BEdA

**EAPAB 4 Special Topics in EAP\ABE****Units: 1-4**

Classes focus on specific issues and/or topics of interest in EAP\ABE.

**Grading Basis:** BEdA

**EAPAB 5 Special Topics in EAP\ABE****Units: 1-5**

Classes focus on specific issues and/or topics of interest in EAP\ABE.

**Grading Basis:** BEdA

## EAPAB 90 English for Academic Purposes B

### Units: 10

Students prepare for academic coursework, with emphasis on content-based reading and writing for academic purposes, including essays, reports, summaries, and short-answer responses. Students read pre-college level materials, with a focus on academic vocabulary.

**Prerequisite Required:** Completion of ESLAB 60 with Pass or 2.0 or better, or placement on the Shoreline Advanced ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## EAPAB 98 Advanced Communication

### Units: 5

Students improve their listening and speaking communication skills for the classroom, the workplace, and in cross-cultural environments. Students expand their vocabulary as well as listening and presentation skills.

**Prerequisite Required:** Successful completion of ESLAB 55, or placement in Level 6 or higher on the Shoreline Advanced ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## EAPAB 99 English for Academic Purposes C

### Units: 5

Students prepare for further academic coursework, refining the skills necessary for ENGL& 101 and college courses. Emphasis is on content-based reading and writing for academic purposes. Students study more complex grammar and vocabulary and read increasingly complex introductory college-level materials.

**Prerequisite Required:** Completion of EAPAB 90 with Pass or 2.0 or better, or placement on the Shoreline Advanced ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

# English for Academic Purposes

## EAP 1 Special Topics in EAP

### Units: 1

Classes focus on specific issues and/or topics of interest in EAP.

**Grading Basis:** Graded

## EAP 2 Special Topics in EAP

### Units: 1-2

Classes focus on specific issues and/or topics of interest in EAP.

**Grading Basis:** Graded

## EAP 3 Special Topics in EAP

### Units: 1-3

Classes focus on specific issues and/or topics of interest in EAP.

**Grading Basis:** Graded

## EAP 4 Special Topics in EAP

### Units: 1-4

Classes focus on specific issues and/or topics of interest in EAP.

**Grading Basis:** Graded

## EAP 5 Special Topics in EAP

### Units: 1-5

Classes focus on specific issues and/or topics of interest in EAP.

**Grading Basis:** Graded

## EAP 80 English for Academic Purposes A

### Units: 10

Students gain skills necessary for success in college courses.

Students progress from paragraph to basic essay writing.

Students build skills in academic reading.

**Prerequisite Required:** Completion of ESLAF 70 with Pass or appropriate placement on the advanced Shoreline ESL placement test.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## EAP 90 English for Academic Purposes B

### Units: 10

Students prepare for academic coursework, with emphasis on content-based reading and writing for academic purposes,

including essays, reports, summaries, and short-answer

responses. Students read pre-college level materials, with a focus on academic vocabulary.

**Prerequisite Required:** Completion of ESLAB 60 or EAP 80 with a Pass / 2.0 or above, or placement on the Shoreline Advanced ESL placement test.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## EAP 95 Academic Listening and Speaking

### Units: 5

ESL students improve their academic listening and speaking skills to help them succeed in college classes. Students listen to and take notes on lectures and use course topics to practice speaking skills required in academic settings. Students also develop a larger academic vocabulary.

**Prerequisite Required:** Appropriate placement on the Advanced ESL placement test or concurrent enrollment in ESL level 5 or above.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## EAP 98 Advanced Communication

### Units: 5

Students improve their listening and speaking communication skills for the classroom, the workplace, and in cross-cultural environments. Students expand their vocabulary as well as listening and presentation skills.

**Prerequisite Required:** Successful completion of EAP95, or by instructor approval based on the Shoreline Advanced ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## EAP 99 English for Academic Purposes C

**Units: 5**

Students prepare for further academic coursework, refining the skills necessary for ENGL& 101 and college courses. Emphasis is on content-based reading and writing for academic purposes. Students study more complex grammar and vocabulary and read increasingly complex introductory college-level materials.

**Prerequisite Required:** Completion of EAP 90 with Pass / 2.0 or above, or appropriate placement on the Advanced Shoreline ESL placement test.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## Environmental Science

### ENVS 202 Ecology of Natural Landscapes

**Units: 6**

A study of the ecology of terrestrial and aquatic ecosystems and the interaction between them. This course examines models of how ecosystem processes operate at the watershed and landscape level, and the management options and environmental regulations which evolve from our understanding of those processes.

**Prerequisite Required:** ENVS& 101, equivalent, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Science Lab

### ENVS 297 Individual Project in Environmental Science

**Units: 1**

Individual project in a specific area of environmental science. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

### ENVS 298 Individual Project in Environmental Science

**Units: 2**

Individual project in a specific area of environmental science. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

### ENVS 299 Individual Project in Environmental Science

**Units: 3**

Individual project in a specific area of environmental science. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

### ENVS& 100 Survey of Environmental Science

**Units: 5**

A college level telecourse in environmental science which also serves as a resource for courses in biology, ecology, geography, geology and political science. It will utilize written material and television programs and may also serve as a resource for local governments and community action groups in planning and development.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Science Non-Lab

### ENVS& 101 Introduction to Environmental Science

**Units: 5**

Examine natural cycles, ecosystems and other basic concepts of ecology. Study the issues of population, pollution and natural resources. The effects of economic, political and scientific decisions on us and our environment. Laboratory.

**Prerequisite Required:** Recommended placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### ENVS& 101W Introduction to Environmental Science

**Units: 5**

Examine natural cycles, ecosystems and other basic concepts of ecology. Study the issues of population, pollution and natural resources. The effects of economic, political and scientific decisions on us and our environment. Laboratory.

**Prerequisite Required:** Recommended placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

## English as a Second Language

### ESL 5 Special Topics in English as a Second Language

**Units: 1-5**

Classes focusing on specific issues and/or topics of interest in English as a Second Language.

**Grading Basis:** Pass/Not Pass

### ESL 91 Anatomy and Physiology for ESL Students

**Units: 5**

This course prepares ESL students for biology and/or health occupation courses. Reading, writing, listening and speaking skills are integrated with an overview of basic anatomy and physiology and selected diseases. ESL and biology faculty co-teach this course.

**Prerequisite Required:** Successful completion of ESL Level 5 or ESL Placement into Level 6 or above.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

## ESL 94 Test Preparation

### Units: 3

Designed for high intermediate or advanced ESL students who need to take the IELTS, TOEFL or another standardized test to enter undergraduate and graduate programs. Focus is on question types, test-taking strategies, and listening, reading, writing and speaking skills appropriate for standardized tests of English.

**Prerequisite Required:** Enrollment in or completion of ESL 060 or equivalent or permission of instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

## ESL - CECO

### ESLCE 1 Special Topics in ESLCE

#### Units: 1

Classes focus on specific issues and/or topics of interest in ESLCE.

**Grading Basis:** BEdA

### ESLCE 2 Special Topics in ESLCE

#### Units: 2

Classes focus on specific issues and/or topics of interest in ESLCE.

**Grading Basis:** BEdA

### ESLCE 3 Special Topics in ESLCE

#### Units: 3

Classes focus on specific issues and/or topics of interest in ESLCE.

**Grading Basis:** BEdA

### ESLCE 4 Special Topics in ESLCE

#### Units: 4

Classes focus on specific issues and/or topics of interest in ESLCE.

**Grading Basis:** BEdA

### ESLCE 5 Special Topics in ESLCE

#### Units: 5

Classes focus on specific issues and/or topics of interest in ESLCE.

**Grading Basis:** BEdA

### ESLCE 6 ESL Through Technology I

#### Units: 1-3

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit.

**Prerequisite Required:** Placement into ESL levels one or two.

**Grading Basis:** BEdA

### ESLCE 7 ESL Through Technology II

#### Units: 1-3

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit.

**Prerequisite Required:** Placement into ESL levels three, four, or five.

**Grading Basis:** BEdA

### ESLCE 8 ESL Registration and Enrollment

#### Units: 2

Students will learn about and be placed in the ESL program within Transitional Studies. Students will learn about campus resources, goals, barriers, and how to be successful in their classes.

**Prerequisite Required:** To enroll in this class contact Transitional Studies [esl@shoreline.edu](mailto:esl@shoreline.edu).

**Grading Basis:** BEdA

### ESLCE 10 Integrated Skills in English 1

#### Units: 10

Students will improve reading, writing and grammar in life skills contexts such as providing personal information, describing daily events, and identifying jobs and work-related abilities.

**Prerequisite Required:** Appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLCE 15 Listening & Speaking in English 1

#### Units: 5

Students improve listening and speaking to communicate in contexts such as personal information, schedules, jobs, and work-related abilities.

**Prerequisite Required:** Appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLCE 20 Integrated Skills in English 2

#### Units: 10

Students will improve their reading, writing and grammar for home, school, work and community with an emphasis on well-formed sentences.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLCE 25 Listening & Speaking in English 2

#### Units: 5

Students practice listening and speaking in the contexts of school, work, health, shopping, and places in the community.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

### ESLCE 30 Integrated Skills in English 3

**Units: 10**

Students further develop their reading, writing, and grammar skills with an emphasis on writing basic paragraphs.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

### ESLCE 35 Listening & Speaking in English 3

**Units: 5**

Students practice more complex listening and speaking tasks in job, school and daily-life situations. Students acquire basic conversational skills.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLCE 37 ESLAB Level 3 I-DEA

**Units: 5**

A 5 credit course providing additional technology, reading, writing, speaking, and listening instruction for students enrolled in ESLCE 30/ESLCE 35. Students develop language and technology skills under supervision of an ESL I-DEA Instructor.

**Prerequisite Required:** Completion of ESLCE 20/ESLCE 25 or placement into ESLCE 30/ESLCE 35.

**Grading Basis:** BEdA

### ESLCE 40 Integrated Skills in English 4

**Units: 10**

Students read about personal, social and cultural issues and write well-organized, detailed paragraphs using more advanced vocabulary and grammar. Students continue to develop life skills.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

### ESLCE 45 Listening & Speaking in English 4

**Units: 5**

Students continue to develop listening and speaking skills at an increasingly complex level. Students improve communication skills for everyday life and academic preparation.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

### ESLCE 50 Integrated Skills in English 5

**Units: 10**

Students read pre-college materials, build vocabulary, use more advanced grammar and write well-developed and connected paragraphs that combine personal with text-based information.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

### ESLCE 55 Listening and Speaking 5

**Units: 5**

This course continues to emphasize listening and speaking at an increasingly complex level. Students improve skills relevant for everyday life and college preparation. They take notes on and discuss short lectures and passages of informal speech.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

### ESLCE 58 Focus on Writing

**Units: 5**

Students practice writing skills to help them succeed in ESL and college classes. Students learn to find and correct errors, review grammar points and mechanics, and write in a variety of contexts. Some emphasis on organization. Course may be repeated for credit.

**Prerequisite Required:** Successful completion of ESL level 3 or placement into ESL level 4, 5, or 6.

**Grading Basis:** BEdA

### ESLCE 60 Integrated Skills in English 6

**Units: 10**

In this integrated reading, writing and grammar course, students gain skills necessary to advance to college courses and professional/technical training. Students progress from paragraph to basic essay writing. Reading topics vary depending on textbooks and instructor and/or student choice.

**Prerequisite Required:** Successful completion of ESL level 5 or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

## ESL for College and Career

### ESLC 10 ESL for College and Career 1

**Units: 10**

ESLC 10 is the first of a series of courses that prepare students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to provide personal information, describe daily routines, and identify job and job-related abilities. Prerequisite: Appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLC 20 ESL for College and Career 2

### Units: 10

ESLC 20 is the second course in a series that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to communicate about topics related to their everyday lives, and their personal, vocational, and academic goals. Prerequisite: Completion of ESLC 10 with Pass or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLC 30 ESL for College and Career 3

### Units: 10

ESLC 30 is the third course in a series that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to communicate effectively about a range of topics related to their personal, vocational, and academic goals. Prerequisite: Completion of ESLC 20 with Pass or placement by Shoreline ESL test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLC 40 ESL for College and Career 4

### Units: 10

ESLC 40 is the fourth course in a series that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to communicate effectively about topics related to their education, workplace, and community. Prerequisite: Completion of ESLC 30 with Pass or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLC 50 ESL for College and Career 5

### Units: 10

ESLC 50 is the fifth course in a series that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. ESLC 50 begins to prepare students to advance to pre-college courses and professional/technical training. Students read and listen to a range of texts in order to contribute ideas to discussions, develop opinions, and write paragraphs. Prerequisite: Completion of ESLC 40 with Pass or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLC 60 ESL for College and Career 6

### Units: 10

ESLC 60 is the sixth course in a series that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. ESLC 60 continues to build English skills students need to advance to college courses and professional/technical training. Students read and listen to a range of texts in order to contribute to discussions, develop opinions, and write essays. Prerequisite: Completion of ESLC 50 with Pass or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESL/ABE

### ESLAB 1 Special Topics in ESL/ABE

#### Units: 1

Classes focus on specific issues and/or topics of interest in ESLAB.

**Grading Basis:** BEdA

### ESLAB 2 Special Topics in ESL/ABE

#### Units: 2

Classes focus on specific issues and/or topics of interest in ESLAB.

**Grading Basis:** BEdA

### ESLAB 3 Special Topics in ESL/ABE

#### Units: 3

Classes focus on specific issues and/or topics of interest in ESLAB.

**Grading Basis:** BEdA

### ESLAB 4 Special Topics in ESL/ABE

#### Units: 1-4

Classes focus on specific issues and/or topics of interest in ESLAB.

**Grading Basis:** BEdA

### ESLAB 5 Special Topics in ESL/ABE

#### Units: 1-5

Classes focus on specific issues and/or topics of interest in ESLAB.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall

### ESLAB 6 ESL Through Technology I

#### Units: 1-3

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit.

**Prerequisite Required:** Placement into ESL levels one or two.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

## ESLAB 7 ESL Through Technology II

### Units: 1-3

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit.

**Prerequisite Required:** Placement into level three, four, or five.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

## ESLAB 8 ESL Registration and Enrollment

### Units: 2

Students will learn about and be placed in the ESL program within Transitional Studies. Students will learn about campus resources, goals, barriers, and how to be successful in their classes.

**Prerequisite Required:** To enroll in this class contact Transitional Studies [esl@shoreline.edu](mailto:esl@shoreline.edu).

**Grading Basis:** BEdA

## ESLAB 9 ESL Language Lab

### Units: 1

A learning center for students enrolled in ESL Level 1 to 5. Students practice language skills under supervision of an ESL instructor. Students must attend 20 hours on a drop in basis.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

## ESLAB 10 Integrated Skills in English 1

### Units: 10

Students will improve reading, writing and grammar in life skills contexts such as providing personal information, describing daily events, and identifying jobs and work-related abilities.

**Prerequisite Required:** Appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAB 15 Listening & Speaking in English 1

### Units: 5

Students improve listening and speaking to communicate in contexts such as personal information, schedules, jobs, and work-related abilities.

**Prerequisite Required:** Appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAB 17 ESL Level 1 Technology Instruction and Support

### Units: 5

This course provides basic digital literacy instruction to support reading, writing, speaking, and listening development for students enrolled in ESLAB/ESLAF Level 1 classes. Students develop language and technology skills under the supervision of an ESL instructor.

**Prerequisite Required:** Placement into Level 1 through the ESL placement test.

**Grading Basis:** BEdA

## ESLAB 20 Integrated Skills in English 2

### Units: 10

Students will improve their reading, writing and grammar for home, school, work and community with an emphasis on well-formed sentences.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAB 25 Listening & Speaking in English 2

### Units: 5

Students practice listening and speaking in the contexts of school, work, health, shopping, and places in the community.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAB 27 ESL Level 2 Technology Instruction and Support

### Units: 5

This course provides basic digital literacy instruction to support reading, writing, speaking, and listening development for students enrolled in ESLAB/ESLAF Level 2 classes. Students develop language and technology skills under the supervision of an ESL instructor.

**Prerequisite Required:** Placement into Level 2 through the ESL program placement test or by passing Level 1.

**Grading Basis:** BEdA

## ESLAB 30 Integrated Skills in English 3

### Units: 10

Students further develop their reading, writing, and grammar skills with an emphasis on writing basic paragraphs.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAB 35 Listening & Speaking in English 3

### Units: 5

Students practice more complex listening and speaking tasks in job, school and daily-life situations. Students acquire basic conversational skills.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAB 37 ESLAB Level 3 I-DEA

**Units: 5**

A 5 credit hybrid course providing additional technology, reading, writing, speaking, and listening instruction for students enrolled in ESLAB 30/ESLAB 35. Students develop language and technology skills under supervision of an ESL I-DEA Instructor.

**Prerequisite Required:** Completion of ESLAB 20/ESLAB 25 or placement into ESLAB 30/ESLAB 35.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAB 40 Integrated Skills in English 4

**Units: 10**

Students read about personal, social and cultural issues and write well-organized, detailed paragraphs using more advanced vocabulary and grammar. Students continue to develop life skills.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAB 45 Listening & Speaking in English 4

**Units: 5**

Students continue to develop listening and speaking skills at an increasingly complex level. Students improve communication skills for everyday life and academic preparation.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAB 47 ESL Healthcare Overview

**Units: 5**

ESL Healthcare Overview introduces students to careers in healthcare, common cultural differences found in healthcare settings and an overview of basic human anatomy. Listening, speaking and study skills are integrated into course content.

**Prerequisite Required:** Successful completion of ESL level 3 or placement into ESL level 4 or above or by instructor permission.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall

### ESLAB 50 Integrated Skills in English 5

**Units: 10**

Students read pre-college materials, build vocabulary, use more advanced grammar and write well-developed and connected paragraphs that combine personal with text-based information.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAB 54 Connecting to College and Careers

**Units: 1**

This course transitions students into college courses and introduces distance learning. Using technology, students enhance their communication skills while learning vocabulary and basic concepts related to careers and educational options.

**Prerequisite Required:** Placement into ESL level five or successful completion of ESL level four or equivalent with instructor permission.

**Grading Basis:** BEdA

### ESLAB 55 Listening and Speaking 5

**Units: 5**

This course continues to emphasize listening and speaking at an increasingly complex level. Students improve skills relevant for everyday life and college preparation. They take notes on and discuss short lectures and passages of informal speech.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

### ESLAB 57 ESL Medical Terminology

**Units: 1-5**

ESL Medical Terminology prepares students for health occupation courses and programs. Students improve their English as they learn medical terms, and an overview of basic anatomy. Medical Terminology and ESL faculty co-teach this course.

**Prerequisite Required:** Successful completion of ESL level 4 or ESL placement into level 5 or by instructor permission.

**Grading Basis:** BEdA

### ESLAB 58 Focus on Writing

**Units: 5**

Students practice writing skills to help them succeed in ESL and college classes. Students learn to find and correct errors, review grammar points and mechanics, and write in a variety of contexts. Some emphasis on organization. Course may be repeated for credit.

**Prerequisite Required:** Successful completion of ESL level 3 or placement into ESL level 4, 5, or 6.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Winter, Spring

### ESLAB 59 English for the Office

**Units: 5**

This course helps prepare ESL students for a career in an office setting. Language and technology skills are integrated with basic computer, software, office terminology, telephone and note-taking skills, basic business document preparation, and job search strategies.

**Prerequisite Required:** Successful completion of ESL level 4, placement into level 5, or by instructor permission.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring



## ESLAB 60 Integrated Skills in English 6

**Units: 10**

In this integrated reading, writing and grammar course, students gain skills necessary to advance to college courses and professional/technical training. Students progress from paragraph to basic essay writing. Reading topics vary depending on textbooks and instructor and/or student choice.

**Prerequisite Required:** Successful completion of ESL level 5 or appropriate placement on the CASAS and/or Shoreline ESL placement test.

**Grading Basis:** BEdA

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAB 67 Anatomy and Physiology for ESL Students

**Units: 5**

ESL Anatomy and Physiology prepares students for biology and/or health occupation courses and programs. Students improve their English skills as they learn basic anatomy, physiology and selected diseases. ESL and Biology faculty co-teach this course.

**Prerequisite Required:** Successful completion of ESL Level 4 or ESL placement into Level 5 or above or by instructor permission.

**Grading Basis:** BEdA

**Course Typically Offered:** Fall, Spring

## ESLAF - International

### ESLAF 1 Special Topics in ESLAF

**Units: 1**

Classes focus on specific issues and/or topics of interest in ESLAF.

**Grading Basis:** Graded

### ESLAF 4 Special Topics in ESLAF

**Units: 1-4**

Classes focus on specific issues and/or topics of interest in ESLAF.

**Grading Basis:** Graded

### ESLAF 5 Special Topics in ESLAF

**Units: 1-5**

Classes focus on specific issues and/or topics of interest in ESLAF.

**Grading Basis:** Graded

### ESLAF 6 ESL Through Technology I-International

**Units: 1-3**

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit.

**Prerequisite Required:** Placement into ESL levels one or two.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

### ESLAF 7 ESL Through Technology II-International

**Units: 1-3**

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit.

**Prerequisite Required:** Placement into level three, four, or five

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

### ESLAF 10 Integrated Skills in English 1 -International

**Units: 10**

Students will improve reading, writing and grammar in life skills contexts such as providing personal information, describing daily events, free-time activities and hobbies.

**Prerequisite Required:** Appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAF 13 ESL 1 (10-Credit Pathway)

**Units: 10**

ESLAF 13 is the first of a series of courses that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to provide personal information, describe daily routines, and identify job and job-related abilities. Prerequisite: Appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAF 15 Listening & Speaking in English 1 - International

**Units: 5**

Students improve listening and speaking to communicate in contexts such as personal information, schedules, free-time activities and hobbies.

**Prerequisite Required:** Appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### ESLAF 20 Integrated Skills in English 2 -International

**Units: 10**

Students will improve their reading, writing and grammar for home, school and community with an emphasis on well-formed sentences.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 23 ESL 2 (10-Credit Pathway)

### Units: 10

ESLAF 23 is the second course in a series that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to communicate about topics related to their everyday lives, and their personal, vocational, and academic goals. Prerequisite: Completion of ESLAF 13 with Pass or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 25 Listening & Speaking in English 2 - International

### Units: 5

Students practice listening and speaking in the contexts of school, health, shopping, and places in the community.

**Prerequisite Required:** Successful completion of the previous level or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 50 Foundations in ESL A--Integrated Skills

### Units: 10

Students write simple paragraphs on personal topics by combining basic vocabulary and grammar structures. Students read a variety of texts on personal subjects.

**Prerequisite Required:** Appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 51 Foundations in ESL A--Speaking/Listening

### Units: 5

Students practice speaking and listening skills within school, daily life and social situations. Students practice conversing and speaking clearly.

**Prerequisite Required:** Appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 53 Foundations in ESL A (10-credit pathway)

### Units: 1-10

This course prepares students to use English in college and career by building reading, writing, listening, and speaking skills.

Students will be able to communicate effectively about a range of topics related to their personal, vocational, and academic goals.

**Prerequisite Required:** Completion of ESLAF Level 2 with Pass or placement by Shoreline ESL test.

**Grading Basis:** Pass/Not Pass

## ESLAF 58 Focus on Math

### Units: 4

Focus on Math introduces international ESL students to basic math terminology within the context of life skills. Students learn (or review) basic math skills (arithmetic). Students improve their English skills as they work through basic number and word problems.

**Prerequisite Required:** Placement into ESLAB 10, ESLAB 20 or ESLAF 50.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 60 Foundations in ESL B--Integrated Skills

### Units: 10

Students write more complex paragraphs by combining expanded vocabulary and grammar structures. Students read a variety of pre-academic texts and materials.

**Prerequisite Required:** Successful completion of ESLAF 50 or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 61 Foundations in ESL B--Speaking/Listening

### Units: 5

Students practice speaking and listening skills at an increasingly complex level. Students improve listening skills for everyday life as well as for college preparation and speak clearly enough to be understood by others.

**Prerequisite Required:** Successful completion of ESLAF 051 or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 63 Foundations in ESL A (10-credit pathway)

### Units: 1-10

This course prepares students to use English in college and career by building reading, writing, listening, and speaking skills.

Students will be able to communicate effectively about a range of topics related to their personal, vocational, and academic goals.

**Prerequisite Required:** Completion of ESLAF Level 3 with Pass or placement by Shoreline ESL test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 70 Foundations in ESL C--Integrated Skills

### Units: 10

Students read pre-college materials, build vocabulary, use more advanced grammar and write developed paragraphs that combine personal with text-based information.

**Prerequisite Required:** Successful completion of ESLAF 60 or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 73 Foundations in ESL C (10-Credit Pathway)

### Units: 10

ESLAF 73 is the fifth course in a series that prepares students to use English in college and career by building reading, writing, listening, and speaking skills. ESLAF 73 begins to prepare students to advance to pre-college courses and professional/technical training. Students read and listen to a range of texts in order to contribute ideas to discussions, develop opinions, and write paragraphs. Prerequisite: Completion of ESLAF 63 with Pass or appropriate placement on the Shoreline ESL placement test.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

## ESLAF 78 Focus on Writing

### Units: 5

Students practice writing skills to help them succeed in ESL and college classes. Students learn to find and correct errors, review grammar points and mechanics, and write in a variety of contexts. Some emphasis on organization. Course may be repeated for credit.

**Prerequisite Required:** Successful completion of ESLAF 50 or placement into ESLAF 60, ESLAF 70, or EAP 80.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

## Film/Video

### FILM 210 Producing and Marketing for Independent Film

#### Units: 5

The study of independent film producing. Includes marketing, the fundamentals of pre-production, budgeting, fundraising techniques, contracts, hiring, working with crew and unions, leadership techniques, branding, and networking.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### FILM 255 Basic Video Production

#### Units: 3

Intensive introduction to the practical applications of single camera video production techniques. Students work towards basic proficiencies on video camera, lighting, and audio equipment.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### FILM 256 Video Production I

#### Units: 5

Survey of the principles, theories and techniques of digital filmmaking production and visual storytelling with a focus on single-camera production. Includes an introduction to the production process, storyboarding, lighting, sound capture, and local filmmaking resources. Appropriate for all levels of experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### FILM 257 Video Production II

#### Units: 5

This advanced video production course focuses more intensely on group collaboration, multi-camera digital filmmaking skills, and working with clients in a video production environment.

**Prerequisite Required:** Prior video production experience required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### FILM 258 Cinematography and Sound Recording

#### Units: 5

An advanced film course focusing on cinematography, lighting and sound. There is an emphasis on directing, grip and gaffing techniques, the aesthetics of camera work and dual-system sound recording.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### FILM 265 Editing I

#### Units: 5

Intro to video editing and the post-production process. Explores the historical and artistic development of editing, prevailing theoretical models, current/emerging technology, and techniques. Investigates post-production software (Media Composer, Final Cut Pro or Premiere, depending on quarter). Open to all levels. Course may be repeated.

**Prerequisite Required:** Completion of MAC OS proficiency test or completion/concurrent enrollment in VCT 124 required or instructor's permission. VCT 125 recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## FILM 266 Editing and Final Cut Pro

### Units: 5

Introduction to video editing and post-production. Explores the historical and artistic development of editing, prevailing theoretical models, current and emerging technology and techniques. Investigates the post-production spectrum using Final Cut Studio. Open to all levels of experience.

**Prerequisite Required:** Completion of Mac OS proficiency test or completion/concurrent enrollment in VCT 124 required or instructor's permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

## FILM 269 Editing II

### Units: 5

This course focuses on advanced video editing skills using leading non-linear editing systems. Third course in the editing and post-production sequence.

**Prerequisite Required:** FILM 265, VCT 268 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## FILM 285 Screenwriting

### Units: 5

An intensive seminar on the fundamentals of dramatic writing for the screen. This course focuses on key script elements: plot structure, character and scene development. Students will write multiple short screenplays over the course of the quarter. Open to all levels of screenwriting experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## FILM 286 Film Production Management

### Units: 4

Survey course which explores the legal, financial and logistical aspects of film production. Covers producing and scheduling, insurance, contracts, releases, script breakdowns and preparing bids.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## FILM 287 The Documentary

### Units: 5

A praxis course focused on the analysis of film and video productions intended to be seen as factual presentations of historical, political or social events as well as introductory documentary production techniques. Course also covers the legal and ethical issues inherent in documentary production and distribution.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

## FILM 290 Industry Experience in Film

### Units: 1-5

Application of digital filmmaking techniques and theories in an off-campus production environment. Site approval must be obtained by student. Course may be repeated.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## FILM 291 Special Topics in Film/Video

### Units: 1

Classes focusing on specific issues and/or topics of interest in film/video.

**Grading Basis:** Graded

## FILM 292 Special Topics in Film/Video

### Units: 2

Classes focusing on specific issues and/or topics of interest in film/video.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## FILM 293 Special Topics in Film/Video

### Units: 3

Classes focusing on specific issues and/or topics of interest in film/video.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## FILM 294 Special Topics in Film/Video

### Units: 4

Classes focusing on specific issues and/or topics of interest in film/video.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### FILM 295 Special Topics in Film/Video

**Units: 5**

Classes focusing on specific issues and/or topics of interest in film/video.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### FILM 297 Individual Project in Film/Video

**Units: 1**

Individual project in a specific area of film/video. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

### FILM 298 Individual Project in Film/Video

**Units: 2**

Individual project in a specific area of film/video. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### FILM 299 Individual Project in Film/Video

**Units: 3**

Individual project in a specific area of film/video. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## French

### FRCH 293 Special Topics in French

**Units: 3**

Classes focusing on specific issues and/or topics of interest in French.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### FRCH 295 Special Topics in French

**Units: 5**

Classes focusing on specific issues and/or topics of interest in French.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### FRCH 297 Individual Project in French

**Units: 1**

Individual project in a specific area of French. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### FRCH 298 Individual Project in French

**Units: 2**

Individual project in a specific area of French. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### FRCH 299 Individual Project in French

**Units: 3**

Individual project in a specific area of French. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### FRCH& 121 French I

**Units: 5**

Fast-paced interactive approach to learning French: listening, speaking, reading and writing. Topics: pronunciation, basic sentence patterns, present tense, agreement. Vocabulary themes: identification, greetings, likes and dislikes, family.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

### FRCH& 122 French II

**Units: 5**

Continuation of FRCH& 121. Fast-paced interactive approach to learning French. Topics: near future, past tense, imperative, partitive article, prepositions. Vocabulary themes: travel, food, purchases, directions. Cultural studies continued.

**Prerequisite Required:** Completion of FRCH& 121 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

## FRCH& 123 French III

### Units: 5

Continuation of FRCH& 122. Fast-paced interactive approach to learning French. Topics: imperfect, comparison, reflexive verbs, object pronouns, other tenses. Communication themes: past narrations, requests, daily activities, history of France, select Francophone culture.

**Prerequisite Required:** Completion of FRCH& 122 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## Gender and Women's Studies

### GWS 205 Gender and Global Justice

#### Units: 5

Explores how globalization affects gender relations and the relative status of women and men in various global contexts. Investigates the institutional status of women in national and international systems of healthcare, justice, economics, politics, family, and development. Dual listed as INTST 205.

**Prerequisite Required:** Placement in ENGL 99 or higher.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

### GWS 215 Women in U.S. History

#### Units: 5

Examines US history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape US history. Dual listed as HIST& 215.

**Prerequisite Required:** Either concurrent or successful completion of ENGL& 101 is recommended.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### GWS 215W Women in U.S. History

#### Units: 5

Examines US history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape US history. Dual listed as HIST& 215W.

**Prerequisite Required:** Completion of ENGL& 101 or equivalent with 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

## GWS 284 Gender, Race and Class

### Units: 5

This course explores the ways in which one's gender, race, class and sexual orientation affect access to, participation in, and treatment by a variety of social institutions. We study the legal system, education, and the media as well as actions to confront systems of oppression in the U.S. Dual Listed as AES 284.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

## GWS 284H Gender, Race and Class-HC

### Units: 5

This course explores the ways in which one's gender, race, class and sexual orientation affect access to, participation in, and treatment by a variety of social institutions. We study the legal system, education, and the media as well as actions to confront systems of oppression in the U.S.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

## GWS 285 Gender, Violence and Social Change

### Units: 5

Study of gendered violence, its history, current research and contemporary issues. Social, psychological, legal and political implications of abuse are considered. Areas of study include child abuse, rape, domestic violence and sexual harassment. Recommend ENGL& 101. Dual listed as CAST 285.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## GWS 286 Women of Power

### Units: 5

We will study the relationship between gender and power. Topics include barriers to acquiring power, strategies for obtaining power, and uses of power, especially for women. Students will research several powerful women. Emphasis is on class discussion and collaboration. Recommend ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## GWS 286W Women of Power

### Units: 5

We will study the relationship between gender and power. Topics include barriers to acquiring power, strategies for obtaining power, and uses of power, especially for women. Students will research several powerful women. Emphasis is on class discussion and collaboration. Recommend ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## GWS 288 Introduction to LGBTIQ Studies

**Units: 5**

This course will explore the field of Lesbian, Gay, Bisexual, Transgender, Intersex, and Queer Studies. We will focus on gender, sex, sexual orientation, and the body. Students will use the lenses of history, nation, culture, and politics to examine these areas and their interactions with race, class, and ability.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### GWS 291 Special Topics in Gender & Women's Studies

**Units: 1**

Classes focusing on specific issues and/or topics of interest in Gender & Women's Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GWS 292 Special Topics in Gender & Women's Studies

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Gender & Women's Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GWS 293 Special Topics in Gender & Women's Studies

**Units: 3**

Classes focusing on specific issues and/or topics of interest in Gender & Women's Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GWS 294 Special Topics in Gender & Women's Studies

**Units: 4**

Classes focusing on specific issues and/or topics of interest in Gender & Women's Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GWS 295 Special Topics in Gender & Women's Studies

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Gender & Women's Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GWS 297 Individual Project in GWS

**Units: 1**

Individual project in a specific area of Gender & Women's Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GWS 298 Individual Project in GWS

**Units: 2**

Individual project in a specific area of Gender & Women's Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GWS 299 Individual Project in GWS

**Units: 3**

Individual project in a specific area of Gender & Women's Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## Geology

### GEOL 107 Geologic Hazards

**Units: 5**

An in-depth examination of the geologic hazards of the Pacific Northwest. Topics include: earthquakes, volcanoes & landslides, both globally and regionally. Emphasis will be on the science of these phenomena, effects on human populations, prediction, preparation & mitigation of the risk, & case studies.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Science Non-Lab

### GEOL 107W Geologic Hazards

**Units: 5**

An in-depth examination of the geologic hazards of the Pacific Northwest. Topics include: earthquakes, volcanoes & landslides, both globally and regionally. Emphasis will be on the science of these phenomena, effects on human populations, prediction, preparation & mitigation of the risk, & case studies.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Science Non-Lab

### GEOL 295 Special Topics in Geology

**Units: 5**

Classes focusing on specific issues and/or topics of interest in geology.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### GEOL 297 Individual Project in Geology

**Units: 1**

Individual project in a specific area of geology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GEOL 298 Individual Project in Geology

**Units: 2**

Individual project in a specific area of geology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GEOL 299 Individual Project in Geology

**Units: 3**

Individual project in a specific area of geology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### GEOL& 101 Introduction to Physical Geology

**Units: 5**

An introductory-level geology course with laboratory exploring the Earth's materials and major geologic processes including plate tectonics, earthquakes, volcanism and mountain building.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### GEOL& 101H Introduction to Physical Geology HC

**Units: 5**

An introductory-level geology course with laboratory exploring the Earth's materials and major geologic processes including plate tectonics, earthquakes, volcanism and mountain building.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

### GEOL& 110 Environmental Geology

**Units: 5**

An introductory-level geology course with laboratory exploring the relations between geological processes and human populations including the impacts of human activities on the environment and the impacts of geological processes on human populations.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Science Lab

### GEOL& 115 Geology of National Parks

**Units: 5**

An exploration of major geologic processes through the discovery of the origin of the landscapes and the study of the geologic history of America's National Parks. Course will include laboratory and one week-end field trip to a National Park of Washington State.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

### GEOL& 208 Geology of the Pacific Northwest

**Units: 6**

Examines geological history of the Pacific Northwest. Includes laboratory study of the rocks and structures of the Northwest provinces & four weekend field trips to study the most important areas first hand.

**Prerequisite Required:** GEOL& 101 or permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Science Lab

## Health Informatics/Information Management

### HIIM 120 Healthcare Delivery in the U.S.

**Units: 4**

Overview of the U.S. health care delivery systems: Various healthcare settings including inpatient, outpatient, long-term care, home health, hospice, and behavioral health. Medical staff, educational preparation of health care professionals, medical ethics. Roles of government. Healthcare financing.

**Prerequisite Required:** Completion of ENGL& 101 or BTWRT 215 with a grade of 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 125 Hospital and Clinic Patient Records

**Units: 5**

Uses, content, interpretation, evaluation and basic processing procedures of hospital, physician office, and dental medical records. Overview of paper record storage and access systems. Electronic health records for the hospital setting. Personal health records. Medical identity theft prevention procedures.

**Prerequisite Required:** HIIM 134 or BIOL& 170. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer



### HIIM 134 Medical Terminology

**Units: 5**

Study of word elements (prefixes, suffixes and roots), terms in anatomy and physiology, selected diseases, symptoms, procedures, x-ray and laboratory tests in common usage, and commonly used medical abbreviations. Accurate spelling, meaning of terms and word elements, and pronunciation.

**Prerequisite Required:** Successful completion of ENGL 99 or equivalent, or BTWRT 215, or placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 154 Revenue Cycle Management

**Units: 5**

Overview of revenue cycle management including reimbursement methodologies, health insurance, compliance/ fraud and abuse, patient access, revenue integrity, and backend billing and claims processing.

**Prerequisite Required:** Completion with a grade of 2.0 or higher of HIIM 172 or concurrent enrollment. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 170 Legal Aspects of Health Care

**Units: 4**

An introduction to legal concepts, release of information standards, HIPAA requirements, confidentiality, privacy and security of data, court functions, and fraud/abuse issues.

**Prerequisite Required:** Completion of ENGL& 101 or BTWRT 215 with a grade of 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 171 Basic ICD-10 Coding

**Units: 5**

Instruction and practice with ICD-10CM/PCS coding including its relationship to health data and revenue cycle management.

**Prerequisite Required:** Completion with a grade of 2.0 or higher BIOL& 170, HIIM 125, HIIM 134, HIIM 175 or concurrent enrollment. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 172 Outpatient Coding

**Units: 5**

Instruction and practice in coding outpatient patient health records using CPT and HCPCS coding systems. Ethical and legal coding practices addressed. Reimbursement methodologies related to APCs and RBRVS identified.

**Prerequisite Required:** Completion of HIIM 171 with a grade of 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 173 Intermediate Medical Coding

**Units: 5**

Intermediate abstracting and coding various patient health records with ICD-10 and CPT utilizing encoders/groupers. Review for MS-DRGs, APCs, HCCs, and RAs. Address physician queries, computer-assisted coding, reimbursement, compliance, and ethical/legal topics.

**Prerequisite Required:** Completion with a 2.0 or higher of HIIM 172. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 174 Pharmacology

**Units: 3**

Terminology for medication ordering, dosing, administration. Effective use of drug references. Classes of drugs and common drugs in each class. Effect of drugs on living organs and tissues, side effects of drugs, contraindications, drug-drug interactions, controlled substances and schedules, common drug regimens.

**Prerequisite Required:** Completion with a grade of 2.0 or higher or concurrent enrollment in HIIM 134 or BIOL& 170.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 175 Human Diseases & Pharmacology

**Units: 5**

Introduction to principles of general mechanisms of diseases including etiology, prognosis, signs and symptoms as well as pharmacology. Relationship of normal body functioning to the physiologic changes that occur as a result of illness. Rationale for common therapies, laboratory tests & drugs for selected diseases.

**Prerequisite Required:** Completion with a grade of 2.0 or higher of HIIM 134 and BIOL& 170.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 180 Intro to Reimbursement and Coding

**Units: 3**

Introduction to reimbursement and coding. Instruction and practice with ICD-10CM, ICD-10-PCS, and CPT coding including its relationship to health data. Ethical and legal practices addressed.

**Prerequisite Required:** Completion of ENGL& 101 or BTWRT 215 and BIOL& 170 or HIIM 134 with a grade of 2.0 or higher.

HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 219 Healthcare Statistics

**Units: 4**

This course provides an overview of health facility & public health statistical data collection, calculations, & reports. Review of basic mathematical functions, measures of central tendency & variability, census calculations/reports. Data presentation. Institutional Research Review Board processes.

**Prerequisite Required:** Completion with a grade of 2.0 or higher MATH& 146 and HIIM 242; completion with a grade of 2.0 or higher or concurrent enrollment in HIIM 125. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 220 Quality Improvement in Healthcare

**Units: 5**

Overview of quality improvement in healthcare. Review of quality improvement concepts, utilization review, patient safety goals, and risk management principles. The influences of Joint Commission and the National Committee for Quality Assurance and other professional review organizations explored.

**Prerequisite Required:** Completion with a grade of 2.0 or higher or concurrent enrollment in HIIM 172, HIIM 219 and HIIM 225. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 224 Management for Health Information Supervisors

**Units: 5**

Introduction to supervision with emphasis on the application of management principles in the Health Information Management (HIM) Department. Course topics include management functions, leadership, budget preparation, employee training, and the legal aspects of supervision.

**Prerequisite Required:** Completion with a grade of 2.0 or higher in HIIM 170, HIIM 219, HIIM 225, and HIIM 220. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**Meets Requirements for Human Relations:** Prof/Tech Degree

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 225 Health Informatics Essentials

**Units: 5**

Intro to health informatics; how information is processed, technology and applications uses, including electronic health records; system architecture, selection and implementation; health information exchange and interoperability; data analytics and decision support. HIIM 120 with a 2.0 or higher recommended.

**Prerequisite Required:** Completion of HIIM 125 with a grade of 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 226 Alternative Care Record Systems

**Units: 4**

Introduction to alternative care settings including ambulance services, ambulatory surgical centers (ASCs), behavioral health, correctional facilities, dental, dialysis, home health, hospice, long-term care, mental health, registries, rehabilitation, and substance abuse. Includes regulatory and documentation requirements, revenue cycle management, health information management standards, quality assurance, utilization, risk management, and the role of the HIM professional.

**Prerequisite Required:** Completion of HIIM 225, HIIM 171 with a grade of 2.0 or higher. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 228 Coding Practicum & Career Prep

**Units: 3**

Virtual ICD-10 and CPT coding practicum of patient health records. Electronic encoder used for code selection and Diagnosis-Related Groups (DRGs) or Ambulatory Payment Classifications (APCs) designation. Coding credential preparation and career prep support.

**Prerequisite Required:** Completion of HIIM 173 with a 2.0 or above. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 233 Prep for Professional Practice Experience (PPE)

**Units: 1**

Preparation for professional practice experience in the HIIM workplace. Note: HIIM 233 must be completed within six months of taking HIIM 234.

**Prerequisite Required:** Completion with a grade of 2.0 or higher or concurrent enrollment in HIIM 173, HIIM 219, HIIM 225.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 234 Professional Practice Experience & RHIT Exam Prep

**Units: 4**

Experience performing CAHIIM-required health information technology (HIT) competencies. This practice may be conducted in a wide range of healthcare settings and is a non-paid, laboratory experience. Students also prepare to take the Registered Health Information Technician (RHIT) certification exam. Note: HIIM 233 must be completed within six months of taking HIIM 234.

**Prerequisite Required:** Completion with a grade of 2.0 or higher in HIIM 219, HIIM 225, HIIM 228, and HIIM 233. Completion of HIIM 220 and HIIM 226 or concurrent enrollment. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 235 Health Information Management Projects

**Units: 4**

Students learn basic project management skills and best practices while managing a variety of health information management projects. Project management skills include managing project scope, timeline, risks, and costs as well as overall project planning.

**Prerequisite Required:** Completion with a grade of 2.0 or higher or concurrent enrollment in all courses required in the HIT program. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 238 Health Data Management

**Units: 5**

A foundational overview of health data management. Topics covered include healthcare data sources and uses; applications for organizing, analyzing data, and presenting data; as well as practice using these applications.

**Prerequisite Required:** Completion with a grade of 2.0 or higher of both HIIM 154 and HIIM 172, OR HIIM 180; and HIIM 219; and HIIM 225.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 239 Health Data Visualization

**Units: 2**

Introduces health data visualization principles, techniques, and tools. Students learn to tell a story with data, communicating observations in a clear and compelling way.

**Prerequisite Required:** Completion with a grade of 2.0 or higher or concurrent enrollment in BUS 150.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 240 Health Data Project

**Units: 2**

Provides experience by completing a health data project. Students apply skills learned in previous coursework regarding health data management, analysis, and visualization.

**Prerequisite Required:** Completion with a grade of 2.0 or higher - HIIM 238, HIIM 239 or concurrent enrollment. HIIM advisor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 241 Hierarchical Condition Categories (HCC)

### Coding

#### Units: 2

Fundamentals of Hierarchical Condition Categories (HCC) and Risk Adjustment (RA) coding with an emphasis on accurate diagnosis coding and revenue cycle impact.

**Prerequisite Required:** Completion of HIIM 172 and HIIM 154 with a grade of 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 242 Spreadsheet Applications in Health Info Mgmt

#### Units: 3

Practice using spreadsheet functionality for common HIM tasks. BUS 150 suggested.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 243 HIIM Job Search

#### Units: 1

This course provides guidance and practice into how to conduct an HIIM job search. Students should be planning to start their job search in the next few months.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 244 Revenue Integrity

#### Units: 3

An overview of the revenue integrity function within the revenue cycle and how revenue integrity helps healthcare organizations avoid revenue leakage and compliance issues. Key topics covered include coding compliance, clinical documentation integrity, charge capture, revenue compliance, and ethical standards of practice.

**Prerequisite Required:** Completion of HIIM 172 with a grade of 2.0 or higher, or concurrent enrollment.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 245 Release of Information Management Practice

#### Units: 2

Virtual release of information practicum of electronic patient health records in accordance with WA state and Federal laws including HIPAA, privacy, and security concepts.

**Prerequisite Required:** Completion of HIIM 170 with a grade of 2.0 or higher, or HIIM advisor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 291 Special Topics in Health Informatics/Info Mgmt

#### Units: 1

Classes focusing on specific issues and/or topics of interest in Health Informatics & Information Management. HIIM advisor permission only.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 292 Special Topics in Health Informatics/Info Mgmt

#### Units: 2

Classes focusing on specific issues and/or topics of interest in Health Informatics & Information Management. HIIM advisor permission only.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 293 Special Topics in Health Informatics/Info Mgmt

#### Units: 3

Classes focusing on specific issues and/or topics of interest in Health Informatics & Information Management. HIIM advisor permission only.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## HIIM 295 Special Topics in Health Informatics/Info Mgmt

#### Units: 5

Classes focusing on specific issues and/or topics of interest in Health Informatics & Information Management. HIIM advisor permission only.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 297 Individual Project in Health Infor/Info Mgmt

**Units: 1**

Individual project in a specific area of Health Informatics & Information Management. By arrangement with instructor.

**Prerequisite Required:** HIIM advisor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 298 Individual Project in Health Infor/Info Mgmt

**Units: 2**

Individual project in a specific area of Health Informatics & Information Management. By arrangement with instructor.

**Prerequisite Required:** HIIM advisor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HIIM 299 Individual Project in Health Infor/Info Mgmt

**Units: 3**

Individual project in a specific area of Health Informatics & Information Management. By arrangement with instructor.

**Prerequisite Required:** HIIM advisor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## History

### HIST 37 U.S. History: High School Completion

**Units: 5**

Survey of U.S. history that focuses on social, political, economic, and cultural developments from the colonial period to the twenty-first century, including the founding of the nation as a democratic republic. This course is intended for International Education students. Dual listed as ABE 37.

**Prerequisite Required:** Completion of EAP 90 or ENGL 90 with Pass/2.0 or above, or placement into ENGL 99 or equivalent.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

### HIST 207 Introduction to Intellectual History

**Units: 5**

An introduction to the classics of Western social and political thought from the classical ancient writers to modern theorists. Reading of the classics, from Plato to Lenin and beyond, will be studied in their historical context and also how they relate to our modern social and political conceptions. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Social Sciences

### HIST 218 American Environmental History

**Units: 5**

This course examines shifting attitudes toward nature during various historical periods by studying how North Americans attached meanings to the physical world and how humans reshaped landscapes and developed environmental policies. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST 234 Ancient History

**Units: 5**

An introduction to the history of the ancient Near East, Greece and Rome (Republic and Empire). The course examines political, economic, and social institutions and activities, including religious life and the cultural achievements of the great ancient civilizations. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST 235 Medieval European History

**Units: 5**

Examines medieval civilization, from the collapse of Rome to the Black Death, including the rise of political institutions, the development of the medieval church, and the social, economic, and cultural achievements of the middle ages. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST 236 Early Modern European History

**Units: 5**

Traces the political, social, economic and cultural history of Europe from 1500 to 1815. Topics include the Renaissance, the Reformation, Scientific Revolution, Enlightenment, and political revolutions. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST 237 Modern European History

**Units: 5**

Traces the political, social, economic and cultural history of Europe from 1815-1919. Applying an interdisciplinary approach this course emphasizes cultural diversity and multiple national influences in Europe and their reflection on a global world. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 238 Contemporary European History

### Units: 5

Traces the political, social, economic and cultural history of Europe from the Treaty of Versailles to the present. Applying an interdisciplinary approach this course emphasizes cultural diversity and multiple national influences in Europe and their reflection on a global world. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 245 History of American Immigration

### Units: 5

Multicultural study of immigration to the United States from the era of colonization to the present. Examination of the process of immigration and adaptation to life in the U.S., as well as reaction to immigrants by native-born Americans. Focus includes Asian, European, Latin American, and African immigrants. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 246 African-Amer Hist 1: Ancient Africa to 1877

### Units: 5

This course examines the economic and social development beginning in Africa, throughout the diaspora, with specific reference to the slave experience in the United States. Emphasis is upon the cultural, political, and economic development of America from an African American perspective. IASTU 246

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 247 African-Amer Hist 2: From 1877

### Units: 5

Historical experiences of African Americans, post Civil War to present day. Emphasis is upon the cultural, political, and economic development of America from an African American perspective. Civil Rights movement will be a major focal point.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 275 Reel History: Film as Historical Text

### Units: 5

Much of what we know about the past has been shaped by the film industry. This course examines multiple film genres as well as different periods of history using films as historical texts. Critical viewing of films, readings from professional historical reviews, and historical sources will provide the basis for class discussions. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 295 Special Topics in History

### Units: 5

Classes focusing on specific issues and/or topics of interest in History. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 295W Special Topics in History

### Units: 5

Classes focusing on specific issues and/or topics on interest in History.

**Prerequisite Required:** ENGL& 101 or equivalent with a 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

## HIST 297 Individual Project in History

### Units: 1

Individual project in a specific area of history. By arrangement with instructor. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## HIST 298 Individual Project in History

### Units: 2

Individual project in a specific area of history. By arrangement with instructor. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## HIST 299 Individual Project in History

### Units: 3

Individual project in a specific area of history. By arrangement with instructor. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### HIST& 116 Western Civilization I: Ancient/Medieval History

**Units: 5**

Survey of western civilization's origins in the ancient Near East, Greece, Rome, Medieval Europe, Byzantium and Islam. An examination of social, cultural, political and intellectual traditions, including major religious and political institutions, medieval society, and urban culture to the Black Death. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 117 Western Civilization II: The Early Modern World

**Units: 5**

Survey of western civilization from the thirteenth century to early nineteenth century with emphasis on the Renaissance, the Reformation, the rise and fall of absolute monarchs, the Scientific Revolution, the Enlightenment, the French Revolution, and the rise and fall of Napoleon. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 118 Western Civilization III: The Modern World

**Units: 5**

Survey of the modern era examining the Industrial Revolution, the development of modern ideologies and imperialism, the World Wars, Cold War, and contemporary global economic, cultural, social, and political institutions. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 136 U.S. History 1: To 1877

**Units: 5**

Chronological and thematic study of U.S. history from Early America to Reconstruction emphasizing its cultural, diplomatic, economic, political, and social elements. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 137 U.S. History 2: From 1877

**Units: 5**

A chronological and thematic study of U.S. history from the end of Reconstruction to the present with emphasis on its cultural, diplomatic, economic, political, and social elements. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 146 US History I: Early America to 1800

**Units: 5**

Chronological and thematic study of U.S. history from Early America to 1800 with emphasis on its cultural, diplomatic, economic, political, and social elements. Major topics: indigenous societies, European conquest and colonization, ethnic and religious diversity, slavery, the American Revolution, the U.S. Constitution, and republicanism. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 147 US History II: Nineteenth Century

**Units: 5**

Chronological and thematic study of U.S. History from 1800 to 1900 with emphasis on its cultural, diplomatic, economic, political, and social elements. Major topics: republicanism, westward expansion, slavery and abolitionism, social and political reform, Civil War, Reconstruction, Indian policy, industrialism, immigration and urbanization. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 148 US History III: Twentieth Century

**Units: 5**

Chronological and thematic study of U.S. History from 1900 to the present with emphasis on its cultural, diplomatic, economic, political, and social elements. Major topics: cultural and technological modernization, First and Second World Wars, economic prosperity and depression, social and political reform, multiculturalism, and globalization. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 214 Pacific Northwest History

**Units: 5**

A chronological and thematic study of Pacific Northwest history (focused on Washington and Oregon but including regions from the Pacific Coast to the Rocky Mountains and from northern California to southern Alaska). Emphasizes cultural, economic, environmental, ethnic, political, and social topics. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 214W Pacific Northwest History

**Units: 5**

A chronological and thematic study of Pacific Northwest history (focused on Washington and Oregon but including regions from the Pacific Coast to the Rocky Mountains and from northern California to southern Alaska). Emphasizes cultural, economic, environmental, ethnic, political, and social topics.

**Prerequisite Required:** Completion of ENGL& 101 or equivalent with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 215 Women in U.S. History

**Units: 5**

Survey of U.S. history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape U.S. history. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Dual listed as GWS 215.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 215W Women in U.S. History

**Units: 5**

Survey of U.S. history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape U.S. history. Dual listed with GWS 215W. Dual listed as GWS 215W.

**Prerequisite Required:** Completion of ENGL& 101 or equivalent with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 219 Native American History

**Units: 5**

This course examines diverse American Indian histories from before European contact to the present. Emphasis is placed on Indian-European cultural interactions, US-Indian policy development, and the roles Natives played to ensure their survival and cultural integrity into the 21st century. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### HIST& 220 African American History: Out of Africa

**Units: 5**

Survey of African American history from pre-colonial times to the present from the perspectives of African Americans, covering cultural, socioeconomic, and political dimensions and movements which helped shape U.S. history. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently).

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

## History - East Asia

### EASIA 216 Introduction to East Asian Civilization

**Units: 5**

This course is a survey of East Asian Civilization in global context through cultural, philosophical, religious, social and political interactions. It focuses on China, Korea, Japan and Taiwan across different eras to understand the complexities of the issues in the Far East and the world both today and tomorrow.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### EASIA 216W Introduction to East Asian Civilization

**Units: 5**

This course is a survey of East Asian Civilization in global context through cultural, philosophical, religious, social and political interactions. It focuses on China, Korea, Japan and Taiwan across different eras to understand the complexities of the issues in the Far East and the world both today and tomorrow.

**Prerequisite Required:** Completion of ENGL& 101 or equivalent with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### EASIA 218 Introduction to Japanese Civilization

**Units: 5**

Survey of Japanese history, including the social, cultural, political and institutional developments from ancient times to the present. Covers theories of national origin and explores the historical roots of modern Japan. Foreign influences on Japan, ways of thinking, and religion and philosophy are also discussed.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### EASIA 297 Individual Project in East Asian History

**Units: 1**

Individual project in a specific area of East Asian History. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### EASIA 298 Individual Project in East Asian History



**Units: 2**

Individual project in a specific area of East Asian History. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### EASIA 299 Individual Project in East Asian History

**Units: 3**

Individual project in a specific area of East Asian History. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## Honors

### HNRS 101 Honors College Seminar

**Units: 0**

Developing students' personal leadership visions and complementary skills for success. Class builds the critical skills to become effective students and transfer applicants, in the framework of their leadership visions, to ensure they establish a strong foundation for the future.

**Prerequisite Required:** Admission to the Honors College at Shoreline.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

### HNRS 200 Questions and Methods

**Units: 5**

Cornerstone class for Honors Program. Students will examine diverse ways of asking and answering the enduring questions of the natural world and human society.

**Prerequisite Required:** Admission to Honors Program and completion of or concurrent enrollment in ENGL& 102 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

### HNRS 201 Honors Transfer Seminar

**Units: 0**

Successfully identify, apply to, and transfer to a four-year college that is a strong academic and financial "fit" for each individual. Development of both non-cognitive and hard skills. A focus on self-knowledge and self-advocacy will compliment lessons that guide participants through key college application milestones.

**Prerequisite Required:** Admission to The Honors College at Shoreline.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

### HNRS 250 Honors Seminar

**Units: 3**

As the second course of the Honors Program sequence, students will explore their thesis topic with the aid of a faculty mentor with the focus of understanding and evaluating the theories, concepts, statistics or other information as related to their topic. HNRS 200; ENGL& 102 are strongly recommended.

**Prerequisite Required:** Admission to Honors Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Elective

### HNRS 292 Special Topics in Honors

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Honors.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### HNRS 293 Special Topics in Honors

**Units: 3**

Classes focusing on specific issues and/or topics of interest in Honors.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### HNRS 295 Special Topics in Honors

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Honors.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### HNRS 296 Honors Capstone

**Units: 2**

Course designed around a common issue or theme. Students complete and present individual honors thesis projects.

**Prerequisite Required:** HNRS 250.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

### HNRS 298 Individual Project in Honors

**Units: 2**

Individual project in a specific area of Honors. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### HNRS 299 Individual Project in Honors

**Units: 3**

Individual project in a specific area of Honors. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## Human Development

### HUMDV 101 College Orientation and Success

**Units: 1-2**

Develop skills important to success in college including goal setting, time management, stress reduction, study skills, academic and career planning.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 105 Career Exploration and Life Planning

**Units: 2**

Identify your unique personality type, interests, values and strengths as related to career development and life planning. Explore various career and educational pathways that match your personal and professional goals. Be the architect of your future.

**Prerequisite Required:** Placement into ENGL 99 or equivalent.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 130 Stress Management

**Units: 2**

Provide students with an understanding of the effects of stress on health, happiness and performance. Examine personal stressors and stress reduction skills.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 140 Improving Relationships

**Units: 2**

Designed to help students communicate effectively with those close to them. Explore communication skills that enrich relationships.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 283 Special Topic

**Units: 3**

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 290 Special Topics in Human Development

**Units: 0.5**

Classes focusing on specific issues and/or topics on interest in Human Development.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 291 Special Topics in Human Development

**Units: 1**

Classes focusing on specific issues and/or topics on interest in Human Development.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 292 Special Topics in Human Development

**Units: 2**

Classes focusing on specific issues and/or topics on interest in Human Development.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 293 Special Topics in Human Development

**Units: 3**

Classes focusing on specific issues and/or topics on interest in Human Development.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 294 Special Topics in Human Development

**Units: 4**

Classes focusing on specific issues and/or topics on interest in Human Development.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 295 Special Topics in Human Development

**Units: 5**

Classes focusing on specific issues and/or topics on interest in Human Development.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

### HUMDV 297 Individual Project in Human Development

**Units: 1**

Individual project in a specific area of Human Development. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## HUMDV 298 Individual Project in Human Development

### Units: 2

Individual project in a specific area of Human Development. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## HUMDV 299 Individual Project in Human Development

### Units: 3

Individual project in a specific area of Human Development. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## Humanities

### HUM 105 Multicultural Studies through Arts & Humanities

#### Units: 5

Students explore the ways in which gender, race, class and sexual orientation have been represented in and defined by the visual arts and Humanities. Students deconstruct historical and current images and examine how these images have impacted individuals' access or denial to power, privilege and self-definition.

**Prerequisite Required:** Successful completion of ENGL 99 or equivalent, or placement into ENGL& 101.

**Grading Basis:** Graded

**Meets Requirements for Multicultural Understanding:** Transfer

**This course fulfills a distribution requirement for:** Humanities General

### HUM 111 Exploring Culture: The Ancient World

#### Units: 5

Explore cultures from prehistory to Middle Ages. Examine the forms and functions of religion, music, art, literature, how they are shaped by social, historical contexts. Includes ancient cultures, the development of Western thought in Greece and Rome, and of Christianity and Islam and their impact in Middle Ages.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

### HUM 111W Exploring Culture: The Ancient World

#### Units: 5

Explore cultures from prehistory to Middle Ages. Examine the forms and functions of religion, music, art, literature, how they are shaped by social, historical contexts. Includes ancient cultures, the development of Western thought in Greece and Rome, and of Christianity and Islam and their impact in Middle Ages.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

### HUM 112 Exploring Culture: Medieval Europe to 1790

#### Units: 5

Explores development of Western culture and thought, focusing on religion, art, music, and literature in social and historical contexts of Late Middle Ages, Renaissance, Age of Exploration, Baroque/Reformation and Enlightenment. Emphasis on transitions which result in clear intellectual, imaginative, cultural shifts.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

### HUM 112W Exploring Culture: Medieval Europe to 1790

#### Units: 5

Explores development of Western culture and thought, focusing on religion, art, music, and literature in social and historical contexts of Late Middle Ages, Renaissance, Age of Exploration, Baroque/Reformation and Enlightenment. Emphasis on transitions which result in clear intellectual, imaginative, cultural shifts.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

### HUM 113 Exploring Culture: Changing World Order

#### Units: 5

Explores art, music, literature, religion as Western cultures move through social/historical changes in the 19th-21st centuries. Searches for individual/social identity in the collision of science/technology, relativism, internationalism, political polarization and new philosophies on human nature/personal responsibility.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

### HUM 113W Exploring Culture: Changing World Order

**Units: 5**

Explores art, music, literature, religion as Western cultures move through social/historical changes in the 19th-21st centuries. Searches for individual/social identity in the collision of science/technology, relativism, internationalism, political polarization and new philosophies on human nature/personal responsibility.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

### HUM 140 World Humanities: Comparing Global Cultures

**Units: 5**

Students compare several primarily non-Western cultures, using a chosen theme such as sacred space, death/dying, self-identity, etc. Students study the cultures' expressions of the chosen theme through their arts/architecture, rituals, traditions, chanting/music, literature, and/or dance and create their own expressions of the chosen theme.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General

### HUM 275 In Search of the Goddess: Images of Women

**Units: 5**

Explores visual/written images of women in Ancient World and Western cultures over the centuries. Examines how these images have changed as the roles of women have changed in literature, art, religion, politics and economics. Analyzes narratives of goddesses/women, their symbols and their paths to resistance and power.

**Prerequisite Required:** Placement into ENGL& 101 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

### HUM 291 Special Topics in Humanities

**Units: 1**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### HUM 291W Special Topics in Humanities - W

**Units: 1**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### HUM 292 Special Topics in Humanities

**Units: 1-2**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### HUM 292W Special Topics in Humanities - W

**Units: 1-2**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### HUM 293 Special Topics in Humanities

**Units: 3**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### HUM 293W Special Topics in Humanities - W

**Units: 3**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### HUM 294 Special Topics in Humanities

**Units: 4**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### HUM 295 Special Topics in Humanities

**Units: 5**

Classes focus on specific issues and/or topics of interest in Humanities.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

### HUM 297 Individual Project in Humanities

**Units: 1**

Individual project in a specific area of Humanities. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## HUM 298 Individual Project in Humanities

**Units: 2**

Individual project in a specific area of Humanities. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## HUM 299 Individual Project in Humanities

**Units: 3**

Individual project in a specific area of Humanities. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## Information Literacy

### INFO 150 21st Century Research

**Units: 2**

Examines research strategies at an introductory academic level, including understanding how the publication of information works in the internet age, finding and evaluating information, and how to include research into assignments. Pairs strongly with classes that have beginning research requirements. Placement into ENGL& 101 or its equivalent is strongly recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### INFO 290 Special Topics in Information Literacy

**Units: 0**

Special topics in Information Literacy. By arrangement with instructor. Non-credit.

**Grading Basis:** Graded

### INFO 292 Special Topics in Informatics

**Units: 2**

Classes focusing on specific issues and/or topics on interest in library.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## Interdisciplinary Studies

### IDS 100 Interdisciplinary Studies Program

**Units: 10**

INTST 201 Are corporations more powerful than nations? What are the political and economic roots of terrorism and conflict, global climate disruption, and poverty in developing countries? This course examines the crucial historical events, the political framework, and the economic institutions that have shaped the modern world and the global marketplace. We examine issues of free trade versus protectionism, capitalism versus socialism, corporate power versus human rights and the environment, and the relations between industrialized countries and developing

nations.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

### IDS 101 Interdisciplinary Studies Program

**Units: 8**

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

### IDS 102 Interdisciplinary Studies Program

**Units: 8**

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

### IDS 103 Interdisciplinary Studies Program

**Units: 10**

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

### IDS 104 Interdisciplinary Studies Program

**Units: 10**

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

### IDS 105 Interdisciplinary Studies Program

**Units: 5**

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

### IDS 106 Interdisciplinary Studies Program

**Units: 15**

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

## International Studies

### INTST 101 Survey of Contemporary Global Issues

**Units: 5**

A survey of contemporary global issues and their historical origins drawing on knowledge and methodologies from multiple disciplines. Issues presented by faculty members from diverse academic fields will foster awareness of challenges facing different societies in an age of global interdependence.

**Prerequisite Required:** Placement in ENGL 99 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### INTST 123 Introduction to Globalization

**Units: 5**

This course considers the dynamic processes and consequences of increasing flows of goods, people, ideas, capital and services that cross traditional political, economic, cultural and geographic boundaries and the challenges that emerge for society, including environmental quality, cultural and political identity, and economic opportunity.

**Prerequisite Required:** Placement into ENGL 99 or equivalent, or completion of ENGL 90 or equivalent with a 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

### INTST 200 States and Capitalism

**Units: 5**

Origins of the modern state system, and of the world market in Europe. Analysis of interacting forces of politics and economics world-wide from 1500 to World War II.

**Prerequisite Required:** ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### INTST 201 Introduction to International Political Economy

**Units: 5**

Are you concerned about human rights, world hunger and poverty, terrorism, world environmental degradation, regional conflict, the WTO, economic, political and social globalization? All these issues converge in something called the international political economy. Examine these issues as they evolved in the international arena since WWI.

**Prerequisite Required:** ENGL& 101 or equivalent test scores.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### INTST 205 Gender and Global Justice

**Units: 5**

Explores how globalization affects gender relations and the relative status of women and men in various global contexts. Investigates the institutional status of women in national and international systems of healthcare, justice, economics, politics, family, and development. Dual listed as GWS 205.

**Prerequisite Required:** Placement in ENGL 99 or higher.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

### INTST 292 Special Topics in International Studies

**Units: 2**

Classes focusing on specific issues and/or topics of interest in International Studies.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Social Sciences

### INTST 295 Special Topics in International Studies

**Units: 5**

Classes focusing on specific issues and/or topics of interest in International Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

### INTST 297 Individual Project in International Studies

**Units: 1**

Individual project in a specific area of International Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### INTST 298 Individual Project in International Studies

**Units: 2**

Individual project in a specific area of International Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### INTST 299 Individual Project in International Studies

**Units: 3**

Individual project in a specific area of International Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## Japanese

### JAPN 295 Special Topics in Japanese

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Japanese.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### JAPN 297 Individual Project in Japanese

**Units: 1**

Individual project in a specific area of Japanese. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### JAPN 298 Individual Project in Japanese

**Units: 2**

Individual project in a specific area of Japanese. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### JAPN 299 Individual Project in Japanese

**Units: 3**

Individual project in a specific area of Japanese. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### JAPN& 121 Japanese I

**Units: 5**

Introduction to modern Japanese conversation and grammar taught in communicative approach. Listening, speaking, reading and writing Japanese. Hiragana and katakana characters introduced. Topics: self-introduction, greetings, directions and daily routines. No previous knowledge of the language required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

### JAPN& 122 Japanese II

**Units: 5**

Continuation of JAPN& 121 with more vocabulary, more sentence structures, communication strategies. Katakana and kanji characters introduced. Topics: shopping, directions, activities, hobbies, likes and dislikes.

**Prerequisite Required:** Completion of JAPN& 121 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### JAPN& 123 Japanese III

**Units: 5**

Continuation of JAPN& 122 with more vocabulary, more complicated sentence structures, continued work on Kanji characters. Topics: Japanese food, restaurant, family, weather, seasons, and annual events.

**Prerequisite Required:** Completion of JAPN& 122 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

### JAPN& 221 Japanese IV

**Units: 5**

A continuation of JAPN& 123, taught in communicative approach, continued work on Kanji characters and sentence structures.

Topics: rules and regulations, directions, cooking, future plans, climate, geography, traveling, Japanese society and degree of politeness expressed in speech styles and communication behavior.

**Prerequisite Required:** Completion of JAPN& 123 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

### JAPN& 222 Japanese V

**Units: 5**

A continuation of JAPN& 221, taught in communicative approach, continued work on Kanji characters and sentence structures including transitive and intransitive verbs. Topics: Japanese customs and traditions, rules and regulations, Japanese streets and how to give directions, employment system in Japan and future plans.

**Prerequisite Required:** Completion of JAPN& 221 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

### JAPN& 223 Japanese VI

**Units: 5**

A continuation of JAPN& 222, taught in communicative approach, continued work on Kanji characters and speech styles based on social status, gender, age, and regional background. Topics: gift exchange, employment in Japan, neighborhood relations, complaints, social expectations, and environmental issues.

**Prerequisite Required:** Completion of JAPN& 222 or equivalent with grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## Library

### LIB 150 21st Century Research

**Units: 1-5**

Examines strategies for locating, evaluating, and using information resources in the research process. Emphasizes proficiency in using electronic resources, including the library's databases, online catalog, and other open access research tools.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## LIB 290 Special Topics in Library

**Units: 0**

**Grading Basis:** Graded

## LIB 297 Individual Projects in Library

**Units: 1**

Individual project in a specific area of library. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Restricted Transfer

## LIB 298 Individual Projects in Library

**Units: 2**

Individual project in a specific area of library. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Restricted Transfer

## LIB 299 Individual Projects in Library

**Units: 3**

Individual project in a specific area of library. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Restricted Transfer

# Manufacturing Technology

## MFGT 92 Personal Skills-MFGT-2LOT

**Units: 2**

This course introduces fundamental skills required to effectively function in a manufacturing environment: Listening-following simple spoken instructions, Observation-following clearly demonstrated instructions, and Teamwork-solving basic manufacturing problems in groups.

**Prerequisite Required:** Successful completion of MFGT 91.

**Grading Basis:** Pass/Not Pass

## MFGT 95 Technology in Manufacturing

**Units: 2**

This course introduces the different types of technology used in Manufacturing, including personal computers, business management systems, ERP/MRP (enterprise resource planning/materials requirements planning) material planning systems, data collection and analysis systems, and (CNC) computer numerical controlled or automated equipment.

**Prerequisite Required:** Placement at ENGL 80 or EAP 90.

**Grading Basis:** Pass/Not Pass

## MFGT 102 Print Reading in Manufacturing

**Units: 1**

This course provides the fundamentals of mechanical print reading, including different types of mechanical drawings and components of each drawing type. Students will read and interpret drawings as well as sketch their own.

**Prerequisite Required:** Placement at ENGL 80 or EAP 90 or the successful completion or concurrent enrollment in MFGT 95.

**Grading Basis:** Pass/Not Pass

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 105 Basic Manufacturing

**Units: 20**

This course is an introduction to machining using lecture, online and hands-on classroom experience. It is first in a two quarter certificate.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## MFGT 106 Intermediate Manufacturing

**Units: 20**

This BEGINNING program prepares individuals as CNC Machinists. Instruction covers programming, set-up and operation of Okuma CNC machining and turning centers, blueprint reading, math, machine tool theory, CMM inspection, surface plate techniques, and Lean Mfg. Prerequisite: Successful completion of MFGT 105, or MFGT 107 and MFGT 108, each with a 2.0 grade or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## MFGT 107 Basic Manufacturing Part A

**Units: 10**

This course is an introduction to machining with a focus on the use and set up of conventional milling machines. It is the first of a two class series for the Certificate of Basic Manufacturing.

**Prerequisite Required:** Recommended minimum score of 200 for English and Math on the CASAS test or completion of ESL Level 4.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## MFGT 108 Basic Manufacturing Part B

**Units: 10**

This course is an introduction to machining with a focus on the use and set up of conventional engine lathes. It is second of a two-class series for the Certificate of Basic Machining.

Recommended minimum score of 200 for English and Math on the CASAS test or completion of ESL Level 2.

**Prerequisite Required:** Completion of MFGT 107 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring



### MFGT 109 Intermediate Manufacturing Part A

#### Units: 10

This course prepares individuals to become CNC Machinists with a focus on CNC milling machines. This course uses lecture, online and hands-on classroom experience. It is the third in a four class series for the Principles of Precision Machining certificate.

**Prerequisite Required:** Completion of MFGT 105 or MFGT 107 + MFGT 108 with a 2.0 grade or better. Recommended minimum score of 200 for English and Math on the CASAS test or completion of ESL Level 4.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MFGT 110 Intermediate Manufacturing Part B

#### Units: 10

This course prepares individuals to become CNC Machinists with an emphasis on CNC lathes. This course uses lecture, online and hands-on classroom experience. This is the fourth in a four course series for the Principles of Precision Machining certificate.

Recommended minimum score of 200 for English and Math on the CASAS test or completion of ESL Level 4.

**Prerequisite Required:** Completion of MFGT 109 with a 2.0 grade or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MFGT 111 Manufacturing Technology Applications

#### Part A

#### Units: 10

This advanced program prepares individuals to be CNC Machinists using lecture, online and hands-on classroom experience. It is the first in a two quarter certificate. Recommended minimum score of 200 for English and Math on the CASAS tests or completion of ESL Level 4.

**Prerequisite Required:** Successful completion of MFGT 106, or MFGT 109 + MFGT 110, each with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MFGT 112 Manufacturing Technology Applications

#### Part B

#### Units: 10

This advanced program prepares individuals to be CNC Machinists using lecture, online and hands-on classroom experience. It is the second in a two quarter certificate. Recommended minimum score of 200 for English and Math on the CASAS test or completion of ESL Level 4.

**Prerequisite Required:** Successful completion of MFGT 111 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MFGT 120 Manufacturing Technology Applications

#### Units: 20

This INTERMEDIATE program prepares individuals as CNC Machinists. Instruction covers programming, set-up and operation of Okuma CNC machining and turning centers, blueprint reading, math, machine tool theory, CMM inspection, surface plate techniques, and Lean Mfg.

**Prerequisite Required:** Successful completion of MFGT 106, or MFGT 109 + MFGT 110, each with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFGT 155 Quality Assurance Fundamentals

#### Units: 5

This course provides a fundamental overview and awareness of the concepts, theory, and practice of quality as it relates to today's machining environment.

**Prerequisite Required:** Successful completion of MFGT 120, or MFGT 111 + MFGT 112, each with a 2.0 grade or higher, or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFGT 156 Certified Quality Inspector Preparation

#### Units: 5

This course adds depth to the fundamental overview of the concepts, theory, and practice of quality as presented in MFGT 155, with the goal of preparing students for quality inspection certificates such as the American Society for Quality Certified Quality Inspector.

**Prerequisite Required:** Successful completion of MFGT 155, or Instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

### MFGT 157 Team Dynamics in MFGT

#### Units: 3

This course provides a fundamental overview of teams in manufacturing including different team types, functions, team of development, team stages, and team management.

**Prerequisite Required:** Completion of MFGT 155 with a 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 166 Quality Audits

### Units: 5

This course provides an overview of Quality auditing and discusses the various types of audits and the elements and application of each of those types of audits.

**Prerequisite Required:** Successful completion of MFGT 155, MFGT 156, MFGT 157, MFGT 167, MFGT 170, MFGT 230 with a 2.0 GPA or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 167 Inspection and Test

### Units: 5

This course provides a foundation and discusses the application of processes and techniques used in the manufacturing industry, including blueprint reading, sampling, inspection techniques, and testing methods.

**Prerequisite Required:** Successful completion of MFGT 155, MFGT 156, MFGT 157 with a 2.0 GPA or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 169 Preventive and Corrective Action

### Units: 3

This course provides the foundation that enables the implementation of preventing and corrective action systems in manufacturing processes.

**Prerequisite Required:** Successful completion of MFGT 155, MFGT 156, MFGT 157, MFGT 167, MFGT 170 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 170 Quality Systems and Standards

### Units: 5

This course provides a fundamental overview and provides details and applications of the different quality systems and standards used in the manufacturing industry.

**Prerequisite Required:** Successful completion of MFGT 155, MFGT 156, MFGT 157, MFGT 167, MFGT 230 with a 2.0 GPA or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 196 Manufacturing Internship

### Units: 4-9

This course is a cooperative work experience with local industry. Students will apply learned skills, gain actual on-the-job experience, and receive credit for work experience appropriate to their level of education.

**Prerequisite Required:** Completion of MFGT 120, or MFGT 111 + MFGT 112, with a grade of 2.0 or higher, or instructor's approval.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 215 Manufacturing Technology Programming

### Units: 6

This course introduces the use of CAD/CAM software to program numerically controlled machines and creation of job planning for part production.

**Prerequisite Required:** MFGT 120, or MFGT 111 + MFGT 112, each with a 2.0 or better or instructor approval.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## MFGT 220 Computer Aided Manufacturing (CAM)

### Units: 6

This course provides the fundamental knowledge and skills to properly use Computer Aided Manufacturing software to transition products from design to manufacturing.

**Prerequisite Required:** MFGT 215 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 225 Introduction to Additive Manufacturing

### Units: 3

This course provides a fundamental overview of 3D printing and rapid prototyping, including the processing of suitable CAD models to eliminate problems, secondary processing, and the impact of 3D printing on society.

**Prerequisite Required:** Completion of MFGT 215 with a 2.0 or better, or instructor's permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MFGT 227 Advanced CAD/CAM Programming

### Units: 5

This course provides knowledge and skills to use CAD/CAM software to develop program code that will be performed on rotary axis CNS machining and turning centers.

**Prerequisite Required:** MFGT 215 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

### MFMT 230 Measurement Systems

**Units: 5**

This course provides the basic foundation of measurement systems and measurement system applications used in manufacturing.

**Prerequisite Required:** Successful completion of MFMT 155, MFMT 156 with a 2.0 GPA or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 235 Calibration Systems

**Units: 5**

This course describes the calibration process used in manufacturing to ensure measurements are accurate and traceable to national and international standards.

**Prerequisite Required:** Successful completion of MFMT 155, MFMT 156, MFMT 157 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 236 Statistical Techniques

**Units: 5**

This course provides the fundamental statistical concepts and methodologies and how they are used in industry to control manufacturing and business processes.

**Prerequisite Required:** Successful completion of MFMT 167, MFMT 230, MFMT 235 with 2.0 GPA or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 244 Preventative Maintenance

**Units: 3**

This course provides an overview of Preventive Maintenance practices, including: safety, plan development and implementation, technical documents, machine systems, measurement, alignment, coolants and lubricants, conduct and documentation of periodic checks, inspection, troubleshooting, and monitoring of machine operation.

**Prerequisite Required:** Successful completion of MFMT 120, or MFMT 111 + MFMT 112, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 245 10-Hour OSHA

**Units: 1**

This course is intended to raise the safety awareness and hazard identification knowledge of those working in the manufacturing field, and to lead to OSHA 10-Hour General Industry Safety Certification. Dual listed as NRG 245.

**Prerequisite Required:** Completion of MFMT 120 or MFMT 112 with a 2.0 or higher, or Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 246 Mechanical Maintenance

**Units: 5**

Course provides basic knowledge of machine maintenance as applied to mechanical components and systems. Topics include safety, documentation, mechanics, systems, setup, troubleshooting, and performance of maintenance. This course develops skills in alignment with NIMS Levels II and III Machine Building and Maintenance certifications.

**Prerequisite Required:** Successful completion of MFMT 120, or MFMT 111 + MFMT 112, or Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 247 Motive Maintenance

**Units: 5**

This course provides basic knowledge of machine maintenance as applied to motive components and systems. Topics include safety, documentation, setup and maintenance of pumps, motors, and mechanical and fluid power systems. This course develops skills in alignment with MIMS Levels II and II Machine Building and Maintenance certifications.

**Prerequisite Required:** Successful completion of MFMT 120, or MFMT 111 + MFMT 112, or Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 248 Control Maintenance

**Units: 5**

This course provides basic knowledge of machine maintenance as applied to electrical components and electronic control systems. Topics include safety, documentation, electrical fundamentals, and industrial electronics. This course develops skills in alignment with NIMS Levels II and III Machine Building and Maintenance certifications.

**Prerequisite Required:** MFMT 120, or MFMT 111 + MFMT 112, each with grade of 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MFMT 255 SmartCam Programming for Milling Centers

**Units: 3**

CAM programming applied to milling and machining centers.

**Prerequisite Required:** MFGT 250 or permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 256 CAM Turning Lab****Units: 2**

CAM programming applied to turning centers.

**Prerequisite Required:** MFGT 250 or permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 264 CAD/CAM Punching****Minimum Units: 2**

CAD/CAM programming applied to CNC punch presses.

Corequisite or prerequisite: MFGT 260 or permission.

**Prerequisite Required:** MFGT 250, 254 or permission.

**Course Typically Offered:** Fall, Winter, Spring

**MFGT 265 CAD/CAM Milling Lab****Units: 2**

CAD/CAM Programming applied to CNC Milling.

**Prerequisite Required:** MFGT 260 or permission. Prerequisite: MFGT 250, MFGT 255 or permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 266 CAD/CAM Turning Lab****Units: 2**

CAD/CAM Programming applied to CNC Turning.

**Prerequisite Required:** MFGT 260 or permission. Prerequisite: MFGT 250, MFGT 256 or permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 267 CAD/CAM Survey Lab****Units: 2**

A survey of CAD/CAM Programming Applied to Punching, Turning and Milling.

**Prerequisite Required:** MFGT 260 or permission. Prerequisite: MFGT 250, 257 or permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 280 Robot Certification****Units: 5**

This course provides an opportunity to learn how to setup, program, and operate industrial robots in both the virtual and real worlds.

**Prerequisite Required:** Completion of MFGT 120, or MFGT 111 + MFGT 112, each with a grade of 2.0 or better, or Instructor Permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**MFGT 281 Robot Vision****Units: 3**

This course provides an opportunity to learn how to select, set up, teach, test, troubleshoot, and modify robot vision processes and programs.

**Prerequisite Required:** Completion of MFGT 280 with a grade of 2.0 or better, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**MFGT 290 Quality Internship****Units: 9**

This course is a cooperative work experience option for qualified students. Students will apply learned skills, gain actual on-the-job experience, and receive credit for work experience appropriate to training while completing the program of study.

**Prerequisite Required:** Successful completion of MFGT 166, MFGT 169, MFGT 170, MFGT 236 with a 2.0 GPA or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 296 CAM Internship****Units: 9**

This course provides work experience with local industry. Students will apply learned skills, gain actual on-the-job experience, and receive credit for work experience appropriate to their level of education.

**Prerequisite Required:** Successful completion of MFGT 215, MFGT 220, MFGT 225 with a 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 298 Individual Projects in Manufacturing Technology****Units: 2**

Individual project in a specific area of Manufacturing Technology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

**MFGT 299 Individual Projects in Manufacturing Technology**

**Units: 3**

Individual project in a specific area of Manufacturing Technology.  
By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## Mathematics

### MATH 7 Self-Paced Mathematics Review

**Units: 2**

Computer-delivered. Intended for students who want to improve their math placement, or who want a review before beginning a math course. Students work with an instructor to design and complete an individual plan of study. Students work independently to review mathematics topics.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

### MATH 40 Intermediate Algebra Support for PHIL& 120

**Units: 2**

Corequisite support course for PHIL& 120. Intermediate algebra topics including linear and exponential functions, graphing, and inequalities. College success strategies addressing time management, math anxiety, and study skills.

**Prerequisite Required:** ABE 53 (Pass) or placement into MATH 40, MATH 46, MATH 47, or MATH 49. See shoreline.edu/placement for details. Concurrent enrollment in PHIL& 120 required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

### MATH 41 Support for Precalculus I

**Units: 3**

Corequisite support course for MATH& 141. Algebra topics include linear and quadratic functions, solving equations and inequalities, and graphing. Success strategies for college math students address topics such as time management, math anxiety, and study skills.

**Prerequisite Required:** ABE 73 (Pass) or placement into MATH 99. See shoreline.edu/placement for details. Concurrent enrollment in MATH& 141 required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MATH 46 Intermediate Algebra Support for Statistics

**Units: 2**

Corequisite support course for MATH& 146. Intermediate algebra topics, including linear and exponential functions, graphing, and inequalities. College success strategies addressing time management, math anxiety, and study skills.

**Prerequisite Required:** ABE 53 (Pass) or placement into MATH 40, MATH 46, MATH 47, or MATH 49. See shoreline.edu/placement for details. Concurrent enrollment in MATH& 146 required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MATH 47 Intermediate Algebra Support for MATH& 107

**Units: 2**

Corequisite support course for MATH& 107. Intermediate algebra topics including linear and exponential functions, graphing, and inequalities. College success strategies addressing time management, math anxiety, and study skills.

**Prerequisite Required:** ABE 53 (Pass) or placement into MATH 40, MATH 46, MATH 47, or MATH 49. See shoreline.edu/placement for details. Concurrent enrollment in MATH& 107 required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MATH 49 Support for Intermediate Algebra

**Units: 3**

Corequisite support course for MATH 99. Algebra topics include graphing, equations of lines, factoring, laws of exponents. College success strategies address time management, math anxiety, and study skills.

**Prerequisite Required:** ABE 53 (Pass) or placement into , , , or MATH 49. See shoreline.edu/placement for details. Concurrent enrollment in MATH 99 required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MATH 90 Independent Study Basic Mathematics

**Units: 1-3**

Students in any MATH or MATH& course study mathematics individually or in small groups using Math Learning Center resources such as learning assistants and computers. Other materials including textbooks and calculators are available nearby. Requires 18 hours and 20 minutes attendance per credit.

**Prerequisite Required:** Concurrent enrollment in any MATH or MATH& course required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MATH 98 Intermediate Algebra I

**Units: 5**

Fundamentals and applications of algebra including solving linear equations and inequalities, lines, solving systems of equations, functions, graphing functions, rational exponents, exponential functions, logarithms.

**Prerequisite Required:** Placement into MATH 98.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

### MATH 99 Intermediate Algebra

**Units: 5**

Fundamentals and applications of algebra with graphing. Covers linear, quadratic, exponential, and logarithmic functions. Solving equations and inequalities involving these functions. Includes radical and rational expressions, systems of linear equations, and modeling.

**Prerequisite Required:** Placement into MATH 99 OR concurrent enrollment in MATH 49.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:** Prof/Tech Certificate

**MATH 111 Elements of Pre-Calculus****Units: 5**

Algebra topics including mathematical modeling, graphing & problem solving w/ polynomial, rational, exponential & logarithmic functions. Applications. Topics from mathematics of finance. Precalculus (college algebra) for students in business, social sciences & some biological sciences.

**Prerequisite Required:** Placement into MATH 111 or MATH& 141.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

**MATH 207 Elements of Differential Equations****Units: 5**

Linear and non-linear ordinary differential equations and applications. Graphical, numerical, analytical and qualitative methods.

**Prerequisite Required:** MATH& 163 (2.0 or better) or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

**MATH 208 Linear Algebra****Units: 5**

Matrix operations, determinants, systems of equations, abstract vector spaces, linear transformations, eigenvalues and eigenvectors.

**Prerequisite Required:** MATH& 163 (2.0 or better) or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**Meets Requirements for Quantitative/Symbolic Reasoning:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

**MATH 211 Elements of Statistical Method****Units: 5**

Elements of good sampling techniques, data collection, and study design. Descriptive statistics including correlation and regression. Elementary probability, random variables, and basic probability distributions. Statistical inference with confidence intervals, z-tests, t-tests, and chi-square tests. Experience with computer software.

**Prerequisite Required:** MATH& 148 (2.0 or better) or MATH& 151 (2.0 or better) AND placement into ENGL 99 or equivalent.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

**MATH 292 Special Topics in Mathematics****Units: 2**

Classes focusing on specific issues and/or topics of interest in mathematics.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

**MATH 293 Special Topics in Mathematics****Units: 1-3**

Classes focusing on specific issues and/or topics of interest in mathematics.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

**MATH 295 Special Topics in Mathematics****Units: 1-5**

Classes focusing on specific issues and/or topics of interest in mathematics.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

**MATH 297 Individual Project in Mathematics****Units: 1**

Individual project in a specific area of mathematics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

**MATH 298 Individual Project in Mathematics****Units: 2**

Individual project in a specific area of mathematics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

### MATH 299 Individual Project in Mathematics

**Units: 3**

Individual project in a specific area of mathematics, by arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

### MATH& 107 Math in Society

**Units: 5**

Practical applications of mathematics as they arise in everyday life. Includes finance math, probability & statistics, and a selection of other topics. Designed for students who are not preparing for calculus. Satisfies Quantitative/Symbolic Reasoning requirement for AA degree.

**Prerequisite Required:** Placement into MATH& 107 or MATH& 146. See [shoreline.edu/placement](http://shoreline.edu/placement) for details.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

### MATH& 141 Precalculus I

**Units: 5**

The elementary functions and their graphs, with applications to mathematical modeling. Examples include linear, quadratic, polynomial, rational, exponential and logarithmic functions, composite functions, inverse functions and transformation of graphs. Pre-calculus I (college algebra) for students in science, engineering, and math.

**Prerequisite Required:** Placement into MATH& 141 or MATH 111.

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

### MATH& 142 Precalculus II

**Units: 5**

Triangle trigonometry, circular and inverse trigonometric functions, trigonometric identities, solving trigonometric equations, applications of trigonometry. Polar coordinates and parametric equations. Pre-calculus II (trigonometry) for students in science, engineering, and math.

**Prerequisite Required:** MATH& 141 (2.0 or better) or placement into MATH& 142.

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

### MATH& 146 Introduction to Stats

**Units: 5**

Introductory statistics course. Analysis of data through graphical and numerical methods, linear regression, the Normal distribution, data collection, elementary probability, confidence intervals and hypothesis testing. Emphasis on applications. Satisfies Quantitative Reasoning requirement for AA degree.

**Prerequisite Required:** Placement into MATH& 146 or MATH& 107, AND placement into ENGL 99 or equivalent. See [shoreline.edu/placement](http://shoreline.edu/placement) for details.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

### MATH& 146H Introduction to Stats HC

**Units: 5**

Introductory statistics course. Analysis of data through graphical and numerical methods, linear regression, the Normal distribution, data collection, elementary probability, confidence intervals and hypothesis testing. Emphasis on applications.

**Prerequisite Required:** Placement into MATH& 146 or MATH& 107, AND placement into ENGL 99 or equivalent. See <http://shoreline.edu/placement> for details.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

### MATH& 148 Business Calculus

**Units: 5**

Differential and Integral Calculus of elementary functions with an emphasis on business and social science applications. Designed for students who want a brief course in Calculus.

**Prerequisite Required:** MATH 111 (2.0 or better) or MATH& 141 (2.0 or better), or placement into MATH& 148.

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

### MATH& 151 Calculus I

**Units: 5**

Definition, interpretation and applications of the derivative. Derivatives of algebraic and transcendental functions.

**Prerequisite Required:** MATH& 142 (2.0 or better), or placement into MATH& 151.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

## MATH& 152 Calculus II

### Units: 5

Definition, interpretation, and application of the definite integral. The Fundamental Theorem of Calculus, techniques of integration, definite integrals involving curves described parametrically, and introduction to separable differential equations.

**Prerequisite Required:** MATH& 151 (2.0 or better).

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

## MATH& 163 Calculus 3

### Units: 5

Infinite series & the calculus of vector-valued functions and functions of several variables. Sequences, series, Taylor series, vector products, lines, planes, space curves, level curves & surfaces, partial derivatives, chain rules, tangent planes, gradient & directional derivatives.

**Prerequisite Required:** MATH& 152 (2.0 or better).

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

## MATH& 264 Calculus 4

### Units: 5

Continuation of the MATH& 151 -MATH& 152 -MATH& 163 Calculus sequence. Optimization, multiple integrals, vector fields, divergence, curl, line and surface integrals, Green's Theorem, Stokes' Theorem, and the Divergence Theorem.

**Prerequisite Required:** MATH& 163 (2.0 or better) or permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

## Medical Lab Technology

### MLT 121 Essentials of Phlebotomy

#### Units: 3

Lecture and laboratory classes. Includes role of the phlebotomist, safety, infection control, phlebotomy technique, equipment, and specimen processing. Practice performing capillary and venipuncture techniques.

**Prerequisite Required:** ENGL 99 or equivalent with a grade of 2.0 or higher, or placement into ENGL& 101. Acceptance into the Phlebotomy Program or instructor permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Spring, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 122 Phlebotomy Laboratory Basics

#### Units: 3

Lecture & Laboratory phlebotomy program course includes laboratory computer information systems, safety practices, specimen processing, and point of care testing. Customer service and patient confidentiality emphasized.

**Prerequisite Required:** ENGL 99 or equivalent with a 2.0 or higher, or placement into ENGL& 101. Acceptance into the Phlebotomy or Medical Laboratory Technology program, or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 132 Phlebotomy Practicum

#### Units: 1-4

Phlebotomy training (40-120 hrs) in a health care facility per program requirement. Some online content. Health insurance, Hepatitis B and other vaccinations, PPD and Criminal History Background Check. Recommend placement into ENGL& 101.

**Prerequisite Required:** MLT 121 or MLT 122 required with grade of 2.0 or higher, and admission to Phlebotomy or Medical Laboratory Technology program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 181 Introduction to Medical Lab Procedures

#### Units: 4

Course includes lecture & seminar introducing theory of clinical laboratory procedure, laboratory safety, specimen collection, quality control and urinalysis. Concurrent enrollment in MLT 182&nbsp;recommended.

**Prerequisite Required:** BIOL& 170 and BIOL& 211.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 182 Lab: Med. Lab Procedures

#### Units: 2

An introduction to procedures used in the clinical or biological laboratory. Emphasis on laboratory safety, test measurement, specimen collection, quality control procedures, basic laboratory testing and instrumentation and urinalysis. Concurrent enrollment in MLT 181 recommended.

**Prerequisite Required:** BIOL& 170 and BIOL& 211.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer



### MLT 183 Mathematic Applications for the Clinical Laboratory

**Units: 2**

Practical applications of volumes, dilutions, statistics, standard curve, sensitivity, specificity, and predictive value mathematics for the clinical laboratory procedures and test methodologies.

**Prerequisite Required:** Completion of BIOL& 170, BIOL& 211, and MATH& 146, each with a grade of 2.0 or higher.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 184 Preparation as a Laboratory Professional

**Units: 1**

Preparation for all students for the MLT program and as professionals entering the workplace setting .

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 200 MLT Phlebotomy Skills Lab

**Units: 1**

Laboratory class to give MLT students basic phlebotomy skills and techniques using a variety of equipment. Student will draw blood specimens on classmates, process samples and use laboratory information system to order a laboratory test.

**Prerequisite Required:** Acceptance into the MLT Program and/or instructor permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 221 Hematology Lecture

**Units: 6**

Basic theory of clinical hematology including normal and abnormal development of cellular components of blood as manifested in disease and diagnostic hematologic tests performed.

**Prerequisite Required:** Admission to the MLT program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 222 Clinical Chemistry Lecture

**Units: 6**

The theoretical and practical concepts associated with testing procedures, including fundamentals of instrumentation, methodology, quality, control, and biochemistry related to substances tested in the clinical chemistry laboratory.

**Prerequisite Required:** Admission to the MLT Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 224 Clinical Microbiology Lecture

**Units: 5**

Basic theory of clinical microbiology including disease states, clinical procedures used to isolate and identify bacterial organisms, blood and tissue parasites, systemic and subcutaneous fungi. Emphasis is placed on media selection and interpretation of result diagnostic tests.

**Prerequisite Required:** Admission into the MLT program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 225 Clinical Immunology Lecture

**Units: 4**

Basic theory and diagnostic procedures in clinical immunology. Nature of immunoglobulins, antigen-antibody reactions, natural and acquired immunity, introduction to genetics, immunologic diseases and infectious diseases including AIDS and Hepatitis.

**Prerequisite Required:** Admission to MLT Program or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 226 Urinalysis, Body Fluids, and Coagulation Lecture

**Units: 3**

The basic theoretical and practical concepts associated with the clinical urinalysis, body fluids and hemostasis with testing procedures, including fundamentals of instrumentation, methodology, quality control, diagnostic test procedures, and biochemistry related to substances tested in the clinical lab.

**Prerequisite Required:** Admission to the MLT Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 231 Hematology Laboratory

**Units: 3**

Basic application of clinical hematology including normal and abnormal development of cellular components of blood as manifested in disease, diagnostic hematologic tests performed, and theory of coagulation and diagnostic tests performed.

**Prerequisite Required:** Admission to MLT Program or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 232 Clinical Chemistry Lab

**Units: 3**

Application of theoretical techniques used in the clinical chemistry laboratory including sample preparation, manual & automated testing, quality control and associated disease states. Emphasis placed on performing routine clinical chemistry procedures, controls and evaluating results.

**Prerequisite Required:** Admission into the MLT Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 234 Clinical Microbiology Laboratory

**Units: 3**

Isolate and identify clinically significant microorganisms from specimen cultures. Emphasis placed on sterile technique, safety, quality control, isolation techniques, review of staining techniques, quality assurance and identification of microorganisms.

**Prerequisite Required:** Admission to the MLT Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 235 Clinical Immunology Laboratory

**Units: 2**

Basic immunology techniques and procedures used in a clinical laboratory. Qualitative and semi-quantitative tests for antibodies and antigens. Safety, quality control, pipette technique and dilutions are emphasized.

**Prerequisite Required:** Admission to MLT Program or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 236 Urinalysis, Body Fluids, and Coagulation Laboratory

**Units: 2**

Basic application of clinical urinalysis, body fluids, and coagulation laboratory including theory of urine and body fluid development and coagulation and the respective diagnostic tests performed including sample preparation, manual & automated testing, quality control and associated disease states. Emphasis placed on performing routine clinical lab procedures, controls and evaluating results.

**Prerequisite Required:** Admission to MLT Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 241 Hematology Practicum

**Units: 6**

Practical experience in clinical laboratory, 40 hours per week for 4 weeks. Perform routine laboratory procedures using hematology, coagulation, and urinalysis instrumentation and lab computer system.

**Prerequisite Required:** Admission to the MLT Program, MLT 221 and MLT 231.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 242 Chemistry Practicum

**Units: 6**

Practical experience in clinical laboratory, 40 hours per week for 4 weeks. Perform routine laboratory procedures using clinical chemistry instrumentation and lab computer system.

**Prerequisite Required:** Admission to the MLT Program, MLT 222 and MLT 232.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 244 Microbiology Practicum

**Units: 6**

Practical experience in clinical laboratories, 40 hours per week for 4 weeks. Perform routine laboratory procedures using laboratory equipment and instrumentation in microbiology, parasitology, & mycology testing.

**Prerequisite Required:** Admission to the MLT Program, MLT 224 and MLT 234.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MLT 245 Integrated Immunohematology

**Units: 10**

A concentrated blood bank lecture/lab and clinical problem-solving course. Theory and practical application include: blood group serology, compatibility testing, antibody identification, QC, preparation/storage of donor units and blood components, and incompatibility resolution.

**Prerequisite Required:** Admission into the MLT Program, and MLT 221, MLT 225, MLT 231, and MLT 235.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## MLT 291 Special Topics in Medical Lab Technology

### Units: 1

Classes focusing on specific issues and/or topics of interest in Medical Lab Technology. Permission.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## MLT 292 Special Topics in Medical Lab Technology

### Units: 1-2

Classes focusing on specific issues and/or topics of interest in Medical Lab Technology. Permission.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## MLT 293 Special Topics in Medical Lab Technology

### Units: 3

Classes focusing on specific issues and/or topics of interest in Medical Lab Technology. Permission.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## MLT 297 Individual Project in Medical Lab Technology

### Units: 1

Individual project in a specific area of Medical Lab Technology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## MLT 298 Individual Project in Medical Lab Technology

### Units: 2

Individual project in a specific area of Medical Lab Technology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## MLT 299 Individual Project in Medical Lab Technology

### Units: 3

Individual project in a specific area of Medical Lab Technology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Restricted Transfer

## Multicultural Studies

### MCS 105H Introduction to Multicultural Studies HC

#### Units: 5

Students will develop a personal and historical understanding of issues related to race, social class, gender, sexual orientation, disabilities & culture; and how these issues are used in the distribution of power and privilege in the U.S.

**Prerequisite Required:** Completion of ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101, or instructor permission.

**Grading Basis:** Graded

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

### MCS 205 Seminar in Social Justice

#### Units: 5

We will engage in an extended analysis of complex problems in social justice using a comparative approach. We will begin our analysis in the U.S., and compare issues of social justice with other nations around the globe. We will examine proven solutions to social issues in detail.

**Prerequisite Required:** Eligible for admission to ENGL& 101 and successful completion of core course in Multicultural Understanding.

**Grading Basis:** Student option grading.

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### MCS 210 African Studies

#### Units: 5

Survey of various ancient and modern peoples of Africa. We will examine specific pre- and post-colonial societies, institutions and social movements, with a focus on past and present contributions of Africans to World Culture.

**Prerequisite Required:** Placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### MCS 238 Environmental Justice

#### Units: 5

Environmental Justice is an interdisciplinary, problem-solving approach that identifies and examines how inequalities arise in an environmental context. We will examine the historical, scientific, socioeconomic, legal, cultural, and political complexities of the relationship between people and the environment.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

## MCS 250 Fundamentalism Among the Children of Abraham

**Units: 5**

This course seeks to investigate religious fundamentalism, within the Abrahamic religions of Judaism, Christianity, and Islam, with specific emphasis on the impact of contemporary Islamic fundamentalism and progressive Islamic doctrine.

**Prerequisite Required:** Placement into ENGL& 101 .

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

## MCS 291 Special Topics in Multicultural Studies

**Units: 1**

Classes focusing on specific issues and/or topics of interest in Multicultural Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## MCS 292 Special Topics in Multicultural Studies

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Multicultural Studies.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

## MCS 293 Special Topics in Multicultural Studies

**Units: 3**

Classes focusing on specific issues and/or topics of interest in Multicultural Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## MCS 294 Special Topics in Multicultural Studies

**Units: 4**

Classes focusing on specific issues and/or topics of interest in Multicultural Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## MCS 295 Special Topics in Multicultural Studies

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Multicultural Studies.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## MCS 297 Individual Project in Multicultural Studies

**Units: 1**

Individual project in a specific area of Multicultural Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## MCS 298 Individual Project in Multicultural Studies

**Units: 2**

Individual project in a specific area of Multicultural Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## MCS 299 Individual Project in Multicultural Studies

**Units: 3**

Individual project in a specific area of Multicultural Studies. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

## Music

### MUSC 100 Introduction to Music Theory

**Units: 5**

An introduction to reading and writing music. Topics include standard music notation, meter, rhythm, scales and key signatures. May be used in preparation for MUSC& 141.

Concurrent enrollment in MUSC 120 required for music majors.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### MUSC 106 Music in American Culture

**Units: 5**

Explore musical traditions from diverse American cultures through guided listening and analysis of songs, styles, genres and musicians, with emphasis on the role of race, class, gender and sexual-orientation. Dual listed as AES 106.

**Prerequisite Required:** Successful completion of ENGL 99 or equivalent, or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General

### MUSC 107 Jazz History

**Units: 5**

Examine the history and development of jazz in the U.S. as well as its key historical figures. Includes the study of issues that parallel the growth of jazz music in American society and examples of recordings from the period that foreshadowed the introduction of hip-hop in the early 1970s.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

## MUSC 108 Music in World Cultures

### Units: 5

Experience the diversity of music from around the world by examining selected musics in their broad cultural contexts: religious, historical and social. Emphasis on listening skills, music aesthetics, styles, genres, transmission and sociocultural backgrounds of musicians.

**Prerequisite Required:** Successful completion of ENGL 99 or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - General

## MUSC 109 American Popular Music

### Units: 5

Explore American popular music from the 19th century to today including Ragtime, Tin Pan Alley, Jazz, Rock, Country, Blues, Punk, Alternative, and Rap.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall

**This course fulfills a distribution requirement for:** Humanities - General

## MUSC 114 Class Instruction-Guitar I

### Units: 2

This course is intended for students with little or no background in guitar performance. It presents basic skills and techniques needed to enjoy playing the guitar. Students must supply their own acoustic guitar.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 115 Class Instruction Electric Bass

### Units: 2

Basic skills for the electric bass including reading bass clef, scales and modes, improving technical proficiency. For beginning to intermediate players. Students must provide own instrument. Course may be taken up to six times.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 118 Class Instruction-Guitar II

### Units: 2

This course is intended for intermediate level guitarists. It builds on skills learned in Guitar I and presents more advanced techniques for improved acoustic guitar performance. Students must supply their own acoustic guitar.

**Prerequisite Required:** MUSC 114 or permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 119 Class Piano for General Students

### Units: 2

Students with little or no piano background learn basic piano skills and techniques.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 120 Class Piano for Music 100 Students

### Units: 2

Students learn basic skills needed in music reading, music theory and piano performance.

**Prerequisite Required:** Concurrent enrollment in MUSC 100 is required.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 133 Performance Techniques

### Units: 2

Performance Techniques focuses on various aspects of artistic performances. This class provides opportunities for students to perform publicly and to learn about stagecraft and audience behavior. Students will be exposed to a wide variety of music through concert attendance and personal performances.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

## MUSC 135 Shoreline Singers

### Units: 2

This advanced a cappella ensemble performs a variety of challenging vocal music including classical, world music, modern music, and jazz. The group tours annually and schedules multiple performances each quarter.

**Prerequisite Required:** Audition required. Also requires concurrent registration in Chorale or special permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 136 Jazz Ensemble

### Units: 1-2

The Jazz Ensemble rehearses and performs music in a variety of contemporary jazz styles. Sight reading, jazz interpretation, phrasing and improvisation are stressed. Students present several concerts each quarter and participate in a yearly concert tour, usually in Spring.

**Prerequisite Required:** Membership in the Jazz Ensemble is by audition.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 139 Music Notation Software

**Units: 2**

A fully online course introducing students to the creation of music using music notation software. Basic understanding of music notation is required.

**Prerequisite Required:** MUSTC 151, MUSC 100 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### MUSC 140 Concert Band

**Units: 2**

Shoreline's Concert Band performs quarterly concerts that include traditional music, contemporary band works, orchestral transcriptions, solo features, Broadway musicals and marches.

Rehearses on Monday evenings fall, winter, spring quarters.

**Prerequisite Required:** Ability to play a band instrument.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 144 Funk & Groove

**Units: 2**

Funk & Groove is a performance ensemble that rehearses and performs music in styles typical of pop and commercial music from the 1970s to the present. The ensemble uses an extensive sound reinforcement system and provides experience in live performance technique and technology.

**Prerequisite Required:** Membership in Funk & Groove is by audition.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 146 Orchestra

**Units: 2**

This course is intended for string students who join an approved off-campus community orchestra which rehearses once a week, works on standard orchestral literature and performs in a public concert at least once per quarter.

**Prerequisite Required:** Ability to play a string instrument, permission of a music faculty advisor & the community orchestra conductor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 147 Small Ensemble Performance

**Units: 1-4**

Designed for intermediate to advanced musicians and singers: Weekly rehearsals focus on small group performance skill. May be repeated 6 times for credit. Ensembles include: Chamber Wind, Vocal, Guitar, Sax, Piano, Studio Musicianship, Percussion, Bluegrass, Strings, iPad, Repertoire Jazz, Creative Music and Brass.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 150 History of Bluegrass

**Units: 2**

Bluegrass blends various musical styles, including fiddle tunes, blues, country, old-time string bands and jazz to form a uniquely American art form. This class examines the history and development of the music through reading, listening and online discussion.

**Prerequisite Required:** Successful completion of ENGL 99 or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### MUSC 151 Class Piano for Music Theory I Students

**Units: 2**

Music students with little or no piano background learn basic skills required of all music majors.

**Prerequisite Required:** Concurrent enrollment in MUSC& 141 is required.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 152 Class Piano for Music Theory II Students

**Units: 2**

Music theory students learn basic piano skills and techniques required of music majors.

**Prerequisite Required:** Concurrent enrollment in MUSC& 142 is required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 153 Class Piano for Music Theory III Students

**Units: 2**

Music theory students learn basic piano skills and techniques required of music majors.

**Prerequisite Required:** Concurrent enrollment in MUSC& 143 is required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 154 Opera Workshop

**Units: 1**

Students perform a minor role in a one-act opera and opera scenes in full production in English or the original language.

**Prerequisite Required:** Instructor permission based on student audition.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 155 Opera Workshop

**Units: 2**

Students perform a secondary role in a one-act opera and opera scenes in full production in English or the original language.

**Prerequisite Required:** Instructor permission based on student audition.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 156 Opera Workshop

**Units: 3**

Students perform a major role in a one-act opera and opera scenes in full production in English or the original language.

**Prerequisite Required:** Instructor permission based on student audition.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 161 Class Voice Instruction - Beginning

**Units: 2**

Beginning voice students learn the fundamentals and basic techniques needed in vocal performance to enhance their ability to sing in a performing ensemble and/or perform in public. This course may be repeated for credit.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 162 Class Voice Instruction - Intermediate

**Units: 2**

Intermediate voice students learn the fundamentals and basic techniques needed in vocal performance to enhance their ability to sing in a performing ensemble and/or perform in public. This course may be repeated for credit.

**Prerequisite Required:** Completion of MUSC 161 or permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 163 Class Voice Instruction - Advanced

**Units: 2**

Advanced voice students learn the fundamentals and basic techniques needed in vocal performance to enhance their ability to sing in a performing ensemble and/or perform in public. This course may be repeated for credit.

**Prerequisite Required:** Completion of MUSC 162 or permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 164 Musical Theater Performance

**Units: 1**

Students perform a minor musical theater role in full production, accompanied by orchestra.

**Prerequisite Required:** Instructor permission based on student audition.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 165 Musical Theater Performance

**Units: 2**

Students perform a secondary musical theater role in full production, accompanied by orchestra.

**Prerequisite Required:** Instructor permission based on student audition.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 166 Musical Theater Performance

**Units: 3**

Students perform a major musical theater role in full production, accompanied by orchestra.

**Prerequisite Required:** Permission of instructor after audition.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 167 Voice-Dance Performance Techniques 1

#### Units: 2

Students develop the ability to sing and move simultaneously in preparation for performing on stage in musical roles.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 170 Private Instruction - Classical Voice 1

#### Units: 1

Students sing in a variety of languages, prepare for and give public performances. Students receive one-on-one mentoring to nurture artistic goals and improve vocal technique. This course enables the vocal music major to transfer two years of applied study to universities, colleges, and conservatories.

**Prerequisite Required:** Placement by audition and enrollment in Shoreline choral ensemble. Instructor approval required.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 175 Chamber Chorale

#### Units: 1-2

Mixed voice choral ensemble open to all students. Styles include classical, jazz, pop, folk, and world music. Membership open to all. A short placement check will be performed in the first week of class to determine section placement.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 180 Individual Instruction - Classical Piano I

#### Units: 1

Individual instruction on technique and classical piano literature from various periods of time.

**Prerequisite Required:** Reading knowledge of piano music. Permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 184 Private Instruction Popular Voice I

#### Units: 1

Students are coached to sing in a variety of popular music styles preparing them to give public performances. Students receive one-on-one mentoring to nurture artistic goals and improve technique. Vocal exercises safely increase stamina and range while developing stylistic skills matching their genre of choice. Instructor permission required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 196 Individual Instruction Instrumental

#### Units: 1

Individual instruction on string, woodwind, brass and percussion instruments. May be repeated for credit. For more information email music@shoreline.edu.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 204 Improvisation I

#### Units: 2

Improvisation I covers the basic elements of jazz improvisation, exploring various styles and idioms, and is open to all instrumentalists interested in playing jazz.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 205 Improvisation II

#### Units: 2

Improvisation II covers intermediate elements of jazz improvisation while exploring various styles and idioms. The class is open to all instrumentalists and vocalists interested in playing jazz.

**Prerequisite Required:** MUSC 204 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 206 Jazz History

#### Units: 5

Examine the history and development of jazz in the U.S. as well as its key historical figures, including Louis Armstrong, Duke Ellington, Charlie Parker, Miles Davis and others. Includes the study of issues that parallel the growth of jazz music in American society from 1900 to the present day.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

### MUSC 207 The Craft of Songwriting

#### Units: 2

Students examine the craft of writing a song and investigate how structure, melody, and lyrics function together to create a well-written song. The history of songwriting and the classic work of great songwriters are used to explore the process of songwriting.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance



### MUSC 208 Diction for Singers

**Units: 2**

Students perform songs in Italian, German and French. This course stresses correct pronunciation through use of the International Phonetic Alphabet.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

### MUSC 210 Songwriting Workshop

**Units: 2**

Explore songwriting techniques in a supportive community with other songwriters. Hone lyrics, sharpen melodies and polish song structure. Students will write and workshop numerous original works and develop their individual voices as songwriters.

**Prerequisite Required:** MUSC 207 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 211 Diction for Singers-Italian/German

**Units: 3**

Students perform musical compositions from the past three hundred years in both Italian and German. This course stresses correct pronunciation through use of the International Phonetic Alphabet.

**Prerequisite Required:** MUSC 161 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 212 Diction for Singers-French/English

**Units: 3**

Students perform musical compositions from the past 300 years in both French and English. This course stresses correct pronunciation through use of the International Phonetic Alphabet.

**Prerequisite Required:** MUSC 211 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 224 Survey of Piano Literature

**Units: 2**

Students learn essential characteristics of piano compositions from the Baroque through the 20th Century. Intermediate reading level of piano music is recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

### MUSC 225 Collaborative Piano

**Units: 2**

Pianists learn the skills and techniques of collaborating with vocal and instrumental soloists and ensembles. Intermediate or above reading level of piano music. Instructor permission required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 226 Piano Pedagogy

**Units: 2**

Students will learn repertoire/methods for teaching piano students in individual and group settings.

**Prerequisite Required:** Intermediate reading level of piano music required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 251 Class Piano for Music Theory IV Students

**Units: 2**

Music theory students continue to learn piano skills and techniques required of music majors.

**Prerequisite Required:** Concurrent enrollment in MUSC& 241 is required.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 252 Class Piano for Music Theory V Students

**Units: 2**

Music theory students continue to learn piano skills and techniques required of music majors.

**Prerequisite Required:** Concurrent enrollment in MUSC& 242 is required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 253 Class Piano for Music Theory VI Students

**Units: 2**

Music theory students continue to learn piano skills and techniques required of music majors.

**Prerequisite Required:** Concurrent enrollment in MUSC& 243 is required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 264 Conducting

### Units: 2

A beginning class in conducting with emphasis on beat patterns, beat styles, score reading and preparation for conducting vocal and instrumental ensembles. Includes an overview of the history of the art of conducting.

**Prerequisite Required:** Completion of First Year Theory sequence or instructor approval required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 268 Voice-Dance Performance Techniques 2

### Units: 2

Students develop further skills in moving and singing simultaneously, including part singing and complex dance combinations. This course is a continuation of MUSC 167 for the more advanced student.

**Prerequisite Required:** Completion of MUSC 167 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 270 Private Instruction - Classical Voice 2

### Units: 1

Students sing in a variety of languages, give public performances, and continue to receive one-on-one mentoring to nurture artistic goals and improve vocal technique. This course enables the vocal music major to transfer two years of applied study to universities, colleges, and conservatories. Placement by audition. Instructor approval required.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 280 Individual Instruction - Classical Piano II

### Units: 1

Individual instruction on advanced technique and classical piano literature.

**Prerequisite Required:** Intermediate reading knowledge of piano music. Permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 284 Private Instruction Popular Voice II

### Units: 1

Students build on their ability to sing in a variety of popular music styles improving their ability to give public performances. Second-year students continue to receive one-on-one mentoring to nurture artistic goals and improve technique. Vocal exercises safely develop stylistic skills matching their areas of specialization. Instructor permission required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

## MUSC 291 Special Topics in Music

### Units: 1

Classes focus on specific issues and/or topics of interest in music.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

## MUSC 292 Performance Techniques

### Units: 2

Performance Techniques focuses on various aspects of artistic performances. This class provides opportunities for students to perform publicly, to demonstrate their stagecraft skills and interpret audience behavior. Students will be exposed to a wide variety of music through concert attendance and personal performances.

**Prerequisite Required:** None

**Grading Basis:** Graded

**Course Typically Offered:** Fall

## MUSC 293 Special Topics in Music

### Units: 3

Classes focus on specific issues and/or topics of interest in music.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## MUSC 294 Special Topics in Music

### Units: 4

Classes focus on specific issues and/or topics of interest in music.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

## MUSC 295 Special Topics in Music

### Units: 5

Classes focus on specific issues and/or topics of interest in music.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Elective

### MUSC 296 Private Instruction Instrumental

**Units: 1**

Individual instruction on string, brass, woodwind and percussion instruments. May be repeated for credit. For more information email music@shoreline.edu.

**Prerequisite Required:** MUSC 196 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### MUSC 297 Individual Project in Music

**Units: 1**

Individual project in a specific area of music. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

### MUSC 298 Individual Project in Music

**Units: 2**

Individual project in a specific area of music. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### MUSC 299 Individual Project in Music

**Units: 3**

Individual project in a specific area of music. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### MUSC& 105 Music Appreciation

**Units: 5**

Why does music affect us the way it does? There is no escaping music in our society; it's everywhere. Together we will discover how and why music has impacted our culture through the centuries. We will explore music's history, its basic elements, and its power to alter entire societies.

**Prerequisite Required:** Successful completion of ENGL 99 (or equivalent) or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### MUSC& 141 Music Theory I: First-Year Music Theory

**Units: 5**

The course includes sight singing, keyboard training, and the theories and fundamentals of musical structure. Concurrent enrollment in MUSC 151 required for music and music technology majors.

**Prerequisite Required:** MUSC 100 with a grade of 2.0 or better or placement into MUSC& 141.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Humanities General

### MUSC& 142 Music Theory II: First-Year Music Theory

**Units: 5**

This course continues the study of music fundamentals and structure. Sight singing, keyboard assignments, melodic and elementary dictation are integrated into the class. Course is intended primarily for music majors.

**Prerequisite Required:** MUSC& 141 with a grade of 2.0 or higher. Concurrent enrollment in MUSC 152 (Class Piano) is required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### MUSC& 143 Music Theory III: First-Year Music Theory

**Units: 5**

This course continues the study of theories and fundamentals of music structure. Sight singing and melodic and harmonic dictation are integrated into the class. This course is intended primarily for music majors.

**Prerequisite Required:** MUSC& 142 with a grade of 2.0 or higher. Concurrent enrollment in MUSC 153 (class piano) is required.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

### MUSC& 241 Second-Year Music Theory

**Units: 5**

This course continues the study of traditional harmony with emphasis on modulation, mode mixture, formal analysis and the Neapolitan sixth. Advanced melodic and harmonic dictation, sight singing and keyboard assignments are included.

**Prerequisite Required:** MUSC& 143 or equivalent with instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General

## MUSC& 242 Second-Year Music Theory

### Units: 5

This course continues the advanced study of traditional harmony. Topics include augmented sixth chords, enharmonic reinterpretation, chromatic modulation techniques. Advanced melodic and harmonic dictation, sight singing and keyboard assignments.

**Prerequisite Required:** MUSC& 241 or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## MUSC& 243 Second-Year Music Theory

### Units: 5

Late 19th and 20th-century harmonic practice including, chromatic sequence, modes and synthetic scales, serialism and polytonality as well as 20th-century rhythmic techniques. Advanced melodic and harmonic dictation. Sight singing and keyboard assignments.

**Prerequisite Required:** MUSC& 242 or permission of instructor.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## Music Technology

### MUSTC 100 Career Development

#### Units: 2

A seminar to assist students in the exploration and development of a career in the music industry. Factual information is presented by professionals working in a variety of music-related careers.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 101 Survey of Music Recording/Publishing Business

#### Units: 2

Students learn techniques for successful operation of businesses focusing in the area of music recording and publishing. Cash flow is tracked and evaluated throughout the industry. The course details income generated by studio ownership, artist royalties, broadcast royalties and contract negotiation.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 102 Music Business Law

#### Units: 2

Students learn techniques for the development and marketing of various multimedia products. They will be introduced to legal issues relating to content including copyrighting, trademark law, publicity and privacy rights, unions, and other related organizations.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 106 Acoustics of Music

#### Units: 5

Students are introduced to the acoustical properties of sound and music. The course begins with an introduction to simple vibrating systems, wave and wave propagation and progress and goes through the reception of sound, frequency and pitch to auditorium and room acoustics.

**Prerequisite Required:** Successful completion (2.0 or better) or placement into MATH 99.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:** Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 121 First-Year Audio Recording 1

#### Units: 3

Students gain a working knowledge of signal flow in a modern multi-track recording facility through the study and application of acoustics, decibels and microphones. This course is the first of a structured three-course sequence.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 122 First-Year Audio Recording 2

#### Units: 3

Students gain a deeper understanding of signal flow in a modern multi-track recording facility through the study and usage of recording consoles and signal processing. This course is the second of a structured three-course sequence.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 123 First-Year Audio Recording 3

**Units: 3**

Students gain a deeper understanding of signal flow in a modern multi-track recording facility through the study and usage of audio recorders, amplifiers and speakers. This course is the third of a structured three-course sequence.

**Prerequisite Required:** MUSTC 122 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 131 Digital Audio Production 1

**Units: 3**

Introduction to ProTools. Manipulate the two main windows in ProTools and learn basic work flows. First in a series of three courses.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 132 Digital Audio Production 2

**Units: 3**

Intermediate ProTools. Manipulate audio and MIDI components of the software and study more complex production work flow. Second in series of three courses.

**Prerequisite Required:** MUSTC 131 or equivalent with permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 133 Digital Audio Production 3

**Units: 3**

Sound design for static and dynamic applications and video games. Third course of 3 in series.

**Prerequisite Required:** MUSTC 132 or equivalent with permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 135 Introduction to Live Sound Reinforcement

**Units: 3**

Introduction to theory and methods necessary for live sound reinforcement in diverse applications.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 141 Tech Music Theory 1

**Units: 3**

An introduction to reading and writing music. Topics include standard music notation, meter, rhythm and aural skills.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 142 Tech Music Theory 2

**Units: 3**

Further study of reading, writing and listening to music. Topics include major scale construction, key signature notation and identification, rhythm and aural skills.

**Prerequisite Required:** MUSTC 141 with a grade of P or 2.0 or better, or instructor permission. Concurrent enrollment in MUSTC 191 is required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 143 Tech Music Theory 3

**Units: 3**

Focus on intermediate reading, writing and listening to music. Topics include minor scale construction, triad construction, rhythm, and aural skills.

**Prerequisite Required:** MUSTC 142 with a grade of P or 2.0 or better, or instructor permission. Concurrent enrollment in MUSTC 192 required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 151 Introduction to Music Technology

**Units: 2**

Course introduces students to electronic music technology and production using personal computers with DAW, synthesizers, samplers, DSP FX and electronic control devices. The history, transmission, and protocols of Audio and MIDI data are examined.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 152 MIDI Sequencing I

**Units: 2**

This course introduces students to MIDI sequencing technology using the Macintosh computer. Students learn basic MIDI production skills including real and step-time entry, quantization, looping, transposition, editing, and sound selection. The course features both demonstration and hands-on learning opportunities.

**Prerequisite Required:** MUSTC 151.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 153 MIDI Sequencing II

### Units: 2

This course develops advanced skill in MIDI sequencing technology. Students learn MIDI functions including data manipulation in various editing environments, synchronization, humanization, and the use of plug-ins and virtual instruments. The course features a balance of demonstration and hands-on learning opportunities.

**Prerequisite Required:** MUSTC 151, MUSTC 152.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 154 Synthesizers: Modular & FM

### Units: 3

Introducing creative sound design using a modular synthesis construction program to demonstrate underlying theory. Subtractive, modular and FM synths will be explained, using oscillators, EGs, filters and dynamic modulation controls. Creative sound design w/ modular synthesis software. Concepts of modular and FM synthesis.

**Prerequisite Required:** MUSTC 151 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 155 Synthesizers: Sampling

### Units: 3

Recorded audio is used to create instruments and sound effects by applying the fundamental techniques of sampling, wavetable and granular synthesis (looping, pitch change, keyboard mapping, velocity layers). Modular synth construction software use for demonstration and analysis of basic sampling concepts.

**Prerequisite Required:** MUSTC 151 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 163 MIDI Drum Programming

### Units: 2

Students learn to program drumbeats using available MIDI devices. A variety of styles and approaches are presented to develop skill in both real-time and step entry programming. Instruction is balanced between demonstration and hands-on learning.

**Prerequisite Required:** MUSTC 151 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 171 Dig. Audio Workstation I: Musical Digital Audio

### Units: 5

Students learn a Digital Audio Workstation (DAW) application with an emphasis on the music audio component of the application software. Students demonstrate and develop projects simulating a commercial recording studio environment. First in series of three courses.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 172 Dig. Audio Workstation II: Static Sound Design

### Units: 5

Students learn a Digital Audio Workstation (DAW) application as it applies to audio post-production of sound design elements such as software graphical-user-interface (GUI), on-line audio and books-on-tape, simulating a commercial production studio environment.

**Prerequisite Required:** MUSTC 171.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 173 Dig Audio Workstn III Film/Video Post Production

### Units: 5

Digital Audio Workstation (DAW) video post-production simulating a commercial environment. Third in series of three courses.

**Prerequisite Required:** MUSTC 172.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

## MUSTC 180 Audio for Interactive Media - I

### Units: 3

Students learn various techniques and processes used for the integration of music and audio to video games and other interactive media. Students gain familiarity with the terminology and basic concepts of audio for gaming.

**Prerequisite Required:** MUSTC 151 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 181 Audio for Interactive Media - II

**Units: 3**

Students learn practical use of game audio middleware for the development of music and SFX for adaptive media (video games). Students are introduced to the extended musical processes and workflow.

**Prerequisite Required:** MUSTC 151 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 191 Tech Keyboard 1

**Units: 2**

First year keyboard (piano) course for Music Technology students. Students are introduced to note names on the keyboard as well as major scale construction.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

### MUSTC 192 Tech Keyboard 2

**Units: 2**

Students learn to create triads in various keys and forms on the keyboard.

**Prerequisite Required:** MUSTC 191 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

### MUSTC 193 Tech Keyboard 3

**Units: 2**

Techniques for musical data entry using an electronic piano style keyboard. Digital Audio Workstations provide keyboard access to notation, sequencing, and recording software. Improvisation and melody construction.

**Prerequisite Required:** MUSTC 192 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

### MUSTC 200 Navigating the New Music Business

**Units: 3**

As conventional models in the music business crumble, we investigate new revenue streams and emerging businesses on the web, incorporating social media into P.R. and how to network effectively. Explore new ways of creating, financing, promoting and distributing music.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 201 Masters and Mentors

**Units: 2**

Students interact weekly with a different guest speaker from the local music community, including managers, label owners, studio owners, booking agents, entertainment lawyers and DIY musicians who bring real world credentials and expertise to the classroom.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

### MUSTC 221 Multitrack Music Production 1

**Units: 3**

Students learn the operation of a multitrack recording studio and work as engineers on a variety of projects. Instruction combines demonstration and hands-on learning opportunities.

**Prerequisite Required:** MUSTC 123 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 222 Multitrack Music Production 2

**Units: 3**

Students expand their understanding of the multitrack recording process from the initial recording to production. Emphasis is on the development of a student recording portfolio. Instruction is balanced between demonstration and hands-on learning opportunities.

**Prerequisite Required:** MUSTC 221 or equivalent with permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 223 Multitrack Music Production 3

**Units: 3**

Students study advanced topics in multitrack production. Emphasis is on the development of an expanded student portfolio. Instruction combines demonstration and hands-on learning opportunities.

**Prerequisite Required:** MUSTC 222 or equivalent with permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 231 Audio Post-I Digital Music Production

**Units: 3**

Provides students with a working understanding of advanced non-linear digital production of music using digital audio workstations in a recording studio environment. Portfolio materials demonstrate music recording, mixing and mastering techniques.

**Prerequisite Required:** MUSTC 131, MUSTC 132, MUSTC 133 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 232 Audio Post II - Digital Radio Production

**Units: 3**

Advanced broadcast-oriented commercial, public service, short- and long-form programming. Non-linear digital production using digital audio workstations in a recording studio environment, based upon a broadcast paradigm (quick turnaround, high-volume production of time-sensitive audio content).

**Prerequisite Required:** MUSTC 231 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 233 Audio Post III - Digital Audio for Video

**Units: 3**

Design music, sound effects, and other creative audio components for existing video material. Use advanced production techniques on a non-linear digital audio workstation. Learn standards and practices used in the post-production industry in a recording studio environment.

**Prerequisite Required:** MUSTC 232 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 241 Tech Music Theory 4

**Units: 3**

Application of music theory concepts to 'real life' situations of contemporary music. Basic ear training, harmony, rhythm, and melody are examined. Designed primarily for students enrolled in Music Technology Program.

**Prerequisite Required:** MUSTC 143 with a grade of P or 2.0 or better, or permission of instructor.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 242 Tech Music Theory 5

**Units: 3**

Application of music theory concepts to contemporary music. Intermediate ear training, harmony, rhythm, and melody are examined. The course is designed primarily for students enrolled in the Music Technology Program.

**Prerequisite Required:** MUSTC 241 with a grade of P or 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 243 Tech Music Theory 6

**Units: 3**

Application of music theory concepts to contemporary music. Advanced ear training, harmony, rhythm, and melody are examined. The course is designed primarily for students enrolled in the Music Technology Program.

**Prerequisite Required:** MUSTC 242 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 271 Advanced Electronic Music Production I

**Units: 3**

Students gain advanced techniques in the creation of electronic music through advanced synthesis-patch and sample-patch design. Students learn to use these sounds through practical application within their own electronic musical compositions.

**Prerequisite Required:** MUSTC 151, MUSTC 152, MUSTC 153, MUSTC 154, MUSTC 155, MUSTC 163, with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 272 Advanced Electronic Music Production II

**Units: 3**

Students acquire techniques for producing realistic emulations of acoustic instruments through the use of sequencers, synthesizers, and samplers.

**Prerequisite Required:** MUSTC 151, MUSTC 152, MUSTC 153, MUSTC 154, and MUSTC 163 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer



### MUSTC 273 Advanced Electronic Music Production III

#### Units: 3

Students acquire techniques in composing music for various media such as film scores, video games, and animations, as well as developing their portfolio and considering ways of sharing and transporting work.

**Prerequisite Required:** MUSTC 153, MUSTC 154, MUSTC 155, MUSTC 163 with a grade of P or 2.0 or better, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 274 Music Technology Portfolio Development

#### Units: 2

Create a professional portfolio package, which includes examples of student's work. Prerequisite: Second-year standing and completion of advanced Music Technology courses, or with instructor permission.

**Prerequisite Required:** Second-year standing and completion of advanced Music Technology courses, or with instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 290 Internship in Music Business

#### Units: 1-5

Application of music business techniques and theories in an off-campus environment. Site approval must be obtained by student. This variable credit course may be repeated.

**Prerequisite Required:** Completion of at least 45 credits in Entertainment Business program and instructor's permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 291 Special Topics in Music Technology

#### Units: 1

Classes focus on specific issues and/or topics of interest in music technology.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 292 Special Topics in Music Technology

#### Units: 2

Classes focus on specific issues and/or topics of interest in music technology.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 293 Introduction to Live Sound Reinforcement

#### Units: 3

Students gain familiarity with theory and methods necessary for sound reinforcement in diverse applications.

**Prerequisite Required:** none

**Grading Basis:** Graded

**Course Typically Offered:** Fall

### MUSTC 294 Special Topics in Music Technology

#### Units: 4

Classes focus on specific issues and/or topics of interest in music technology.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 295 Special Topics in Music Technology

#### Units: 5

Classes focus on specific issues and/or topics of interest in music technology.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 297 Individual Project in Music Technology

#### Units: 1

Individual project is a specific area of music technology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 298 Individual Project in Music Technology

#### Units: 2

Individual project is a specific area of music technology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### MUSTC 299 Individual Project in Music Technology

#### Units: 3

Individual project is a specific area of music technology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## Nursing - 6 Quarter

## NURS 68 Receiving Nurse Delegation

### Units: 1

This course prepares the student to receive delegation of selected nursing tasks under the Washington State Nurse Delegation regulations.

**Grading Basis:** Pass/Not Pass

## NURS 69 Nursing Assistant Training

### Units: 6.5

This course prepares the student to be a nursing assistant. Federal and state requirements for taking the Nursing Assistant Certification Examination will be included.

**Grading Basis:** Pass/Not Pass

## NURS 70 Comprehensive Nursing Assistant Training

### Units: 15

This course prepares the student to be a nursing assistant for the care of residents of community and long term care facilities. Requirements for 'Fundamentals of Care Giving,' 'Nurse Delegation,' and federal and state requirements for taking the Nursing Assistant Certification examination will be included.

**Grading Basis:** Pass/Not Pass

## NURS 94 Success Strategies for Nursing Students

### Units: 2

Support for academic success in nursing. Includes reading, study, and test-taking skills, working in culturally diverse groups, drug dosage computation, and campus support services. An optional course recommended for those interested in improving academic skills or for whom English is not the native language.

**Prerequisite Required:** Admission to the Nursing program. Concurrent enrollment in NURS 121 or permission required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

## NURS 95 Critical Thinking in the Nursing Process

### Units: 2

An optional problem-solving seminar designed to assist students in developing their critical thinking skills in relationship to the nursing process. Emphasis will be on case studies.

**Prerequisite Required:** Advanced placement LPN student or concurrent enrollment in NURS 152 or permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

## NURS 100 Medical Math for Nursing Students

### Units: 0.5

Support for medical math calculations in nursing. Includes drug dosage computation and dimensional analysis. An optional course recommended for those interested in improving medication calculation skills in preparation for medication calculation exams required in the nursing program.

**Prerequisite Required:** MATH& 146 with a grade of 2.0 or higher and/or admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## NURS 101 Success Strategies for Nursing Students Seminar

### Units: 0.5

First seminar course in six-part seminar series for students entering the Nursing Program. Success Strategies focuses on behaviors that support academic success in nursing. The course includes skills in time management, goal setting, stress management, reading, studying, and test taking. It also includes critical thinking in nursing, embracing a growth mindset approach to learning, working in culturally diverse groups, an introduction to campus support services and other online tools applicable to nursing.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## NURS 102 Cultivation of Care for the Nurse Seminar

### Units: 1

The focus of this course is to introduce the learner to concepts for short, medium and long-term strategies for personal and professional development. Emphasis on the application of self-reflection and self-improvement is reviewed to achieve success in the personal and professional environment. This course will take the learner through a personal journey of self-reflection and self-exploration while laying a foundation for theory-in-practice.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 103 Finding Your Career-Centered Passion Seminar

**Units: .5**

A seminar course for currently-enrolled nursing students that focuses on helping students identify their areas of interests as they pertain to a career as a registered nurse. Students will evaluate personal strengths, interests, and experiences to determine a beginning career plan.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 112 Critical Thinking in the Nursing Process

**Units: 1**

A problem-solving seminar designed to assist students in developing their critical thinking skills in relationship to the nursing process. Emphasis will be on case studies. Concurrent enrollment in NURS 152 or instructor permission required.

**Prerequisite Required:** Admission into the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 121 Communication in Nursing

**Units: 3**

Application of basic princ. of communication and human relations to health care settings. Identification of problems in relationships and techniques for working with people of diverse backgrounds in health care environments. Equivalent to NURSE 121.

**Prerequisite Required:** Admission to the Nursing Program.

Concurrently with NURS 131 .

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 131 Skills Practice Laboratory for Communication

**Units: 1**

Practice of communication skills including diverse clients with varying preferences, values, and needs. Includes professionalism, self-awareness and impact on communication, group process, and interprofessional relationships.

**Prerequisite Required:** Admission to the Nursing program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 141 Foundations of Nursing Practice

**Units: 3**

Describes organizing framework foundational to the nursing program. Concepts include: critical thinking, nursing process, patient-centered care, homeostasis, and environment with emphasis on human needs and lifespan regarding the older adult. Socialization into the nursing profession is emphasized.

**Prerequisite Required:** Admission to the Nursing Program.

Concurrent with NURS 151 and NURS 161.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 142 Nursing Practice and Common Health Disturbances

**Units: 5**

Nursing care for persons with common health disturbances related to: immobility, malnutrition, infection, inflammation, healing, pain, perioperative care, unconsciousness, dementia, diabetes, integumentary and musculoskeletal disorders and end of life issues.

**Prerequisite Required:** NURS 121, NURS 131, NURS 141, NURS 151, NURS 161. Taken concurrently with NURS 152 and NURS 162.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 143 Nursing Practice & Complex Health Disturbances I

**Units: 6**

Third course in the nursing sequence with emphasis on hospitalized patients with complex health disturbances. Focus is on the surgical experience, fluid, electrolyte and acid-base balance, respiratory, cardiac, neurological, immunological, cancer, gastrointestinal, endocrine, and sensory disturbances.

**Prerequisite Required:** NURS 142, NURS 152, and NURS 162 with 2.0 or higher or advanced placement LPN entry.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 151 Nursing Foundations Practicum

**Units: 4**

Provides opportunity for student to apply the nursing process, communication techniques, and basic nursing skills in a long-term care setting. Equivalent to NURSE 142.

**Prerequisite Required:** Admission to the Nursing Program.

Concurrently with NURS 141 and NURS 161.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 152 Common Health Disturbances Practicum

**Units: 4**

Provides the opportunity to expand the use of nursing process and technical skills when caring for hospitalized persons. Emphasizes medication administration, health teaching and interpersonal communication.

**Prerequisite Required:** NURS 121, NURS 131, NURS 141, NURS 151, NURS 161. Taken concurrently with NURS 142 and NURS 162.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 153 Complex Health Disturbances I Practicum

**Units: 4.5**

Students provide care for hospitalized individuals with complex health disturbances. Emphasis on persons undergoing surgery and intravenous management.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 161 Skills Practice Laboratory I

**Units: 1**

Provides on-campus experience practicing basic nursing skills. Equivalent to NURSE 132.

**Prerequisite Required:** Admission to the Nursing Program. Concurrent enrollment in NURS 141 and NURS 151.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 162 Skills Practice Laboratory II

**Units: 1**

Provides progression in the practice of nursing skills in an on-campus laboratory setting.

**Prerequisite Required:** NURS 121, NURS 131, NURS 141, NURS 151, NURS 161. Taken concurrently with NURS 142 and NURS 152.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 163 Skills Practice Laboratory III

**Units: 1**

Third course in the nursing skills lab sequence. Students practice and demonstrate nursing skills in an on-campus laboratory setting.

**Prerequisite Required:** NURS 142, NURS 152 and NURS 162 with 2.0 or higher, or advanced placement LPN entry.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 204 Fostering a Culture of Physical & Psychological Safety in Healthcare Seminar

**Units: .5**

Fourth seminar course in six-part series for enrolled nursing students. The focus of this course will be on fostering a healthy workplace and the psychological stress nurses experience working in healthcare. The course includes learning skills to both identify and how to respond to these workplace stressors. Students will develop an understanding of healthy workplace cultures, lateral violence, workplace violence, and moral distress. Students will learn about ethical conflicts in healthcare that can contribute to moral distress. Students will be able to practice verbal de-escalation and strategies of responding to incivility in the workplace.

**Prerequisite Required:** NURS 101, NURS 102, NURS 103, NURS 121, NURS 141, NURS 142, NURS 143, each with a grade of Pass/2.0 or higher.

Co-requisites: NURS 221, NURS 231, NURS 241, NURS 251, or instructor permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 205 Nursing Career Interviewing Seminar

**Units: .5**

Fifth seminar course in six-part series for enrolled nursing students. The interviewing seminar is a course for senior nursing students who are soon to enter the nursing profession. The course includes a review of resume and cover letter development, as well as new content related to how to succeed in a professional nursing interview. These topics include answering interview questions, anxiety reduction, professionalism, and how to negotiate and accept job offers. The course wraps up with a mock interview simulation with current nursing managers who provide relevant feedback.

**Prerequisite Required:** NURS 101, NURS 102, NURS 103, NURS 121, NURS 141, NURS 142, NURS 143, NURS 204, NURS 221, NURS 241, each with a grade of Pass/2.0 or higher.

Co-requisites: NURS 222, NURS 232, NURS 242, NURS 252, or instructor permission.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 206 Transition to Practice Seminar

**Units: .5**

Sixth course in six-part seminar series for enrolled nursing students. This course explores concepts of self-efficacy and growth mindset to create individualized plans for holistic well-being as students transition to practice. Survey of common transition challenges including anticipatory anxiety, feeling overwhelmed, conflicts of work world values with nursing school ideals, and interprofessional communication. Exploration of differences in experiences as well as a variety of self-care practices for support. Discussion of situations which require flexibility including team models of care, floating, prioritizing for unit needs, time management, frustration with systems, and contingency models of care. Students will gain confidence in finding resources for information and support. Interprofessional communication skills will be practiced, focusing on providers and NAC's.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURS 216 Leadership in Nursing****Units: 0.5**

This course develops the leadership skills of senior nursing students through working with first quarter students in the clinical or skills lab environment. Completion of NURS 205 with a Pass required.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURS 221 Nurs Practice and Complex Health Disturbances II****Units: 3**

Fourth course in the nursing sequence, with emphasis on care of the person with complex health disturbances. Completion of NURS 143 with a 2.0 or higher and concurrent enrollment in NURS 231 required.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURS 222 Nursing Practice and the Childbearing Family****Units: 3.5**

Provides knowledge related to physiological and psychological changes occurring during the childbearing experience. Major focus is homeostasis for mother, newborn, and family unit. Explores cultural implications and diverse approaches and attitudes regarding childbearing. Completion of NURS 221, NURS 231, NURS 241, and NURS 251, each with a Pass/2.0 or higher, and concurrent enrollment in NURS 232 required.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURS 223 Nurs Practice & Complex Health Disturbances III****Units: 3**

Sixth course in the Nursing sequence focusing on nursing care of persons throughout the life-span with complex health disorders related to hematopoietic disorders; acute renal, cardiac, and respiratory disorders, trauma, severe burns and the hospitalized child. Concepts of pharmacology are integrated.

**Prerequisite Required:** NURS 222, NURS 232, NURS 242, NURS 252.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURS 231 Complex Health Disturbances II Practicum****Units: 4**

Students provide care for hospitalized individuals with complex health disturbances. Completion of NURS 143 with a 2.0 or higher and concurrent enrollment in NURS 221 required.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURS 232 Nursing and Childbearing Family Practicum****Units: 3**

Expands use of the nursing process and advanced skills to the care of the childbearing family unit with emphasis on antepartal, intrapartal and postpartal care of mothers and newborns in acute care. Completion of NURS 221, NURS 231, NURS 241, and NURS 251, each with a Pass/2.0 or higher, and concurrent enrollment in NURS 222, required.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 233 Complex Health Disturbances III Practicum

**Units: 4**

Sixth course in nursing sequence with clinical nursing practice in acute care setting. Students apply theory attained in all previous levels as well as NURS 223. Focuses on transition to registered nurse role.

**Prerequisite Required:** NURS 222 and NURS 242 completed with 2.0 or above and NURS 232 and NURS 252 with Pass. Taken concurrently with NURS 223.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 241 Nursing Practice and Psychosocial Disturbance

**Units: 2.5**

Concepts of mental health, psychopathology, treatment modalities, psychopharmacology and the effect of culture and development on mental health status, and the mental health system and its effects on individuals are explored. Principles of psychosocial nursing and work with the interdisciplinary team are emphasized.

**Prerequisite Required:** NURS 143 with 2.0 or above, NURS 153 and NURS 163 with Pass. Advanced Placement LPN students need NURS 95, NURS 121, NURS 131, NURS 143, and NURS 163. Taken concurrently with NURS 251.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 242 Nursing Practice and Health Promotion

**Units: 3.5**

Nursing course focuses on maintaining and promoting optimal health in individuals and families across the life span. Emphasis on vulnerable populations experiencing disparities related to power and privilege.

**Prerequisite Required:** NURS 221 and NURS 241 completed with 2.0 or above and NURS 231 and NURS 251 with Pass. Taken concurrently with NURS 252.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 243 Managing Nursing Care in the Health Care System

**Units: 4**

Presents basic management theory applied to nursing and the management of patient/client care. Explores the challenges, issues, and trends affecting the nursing profession and the health care system of today. Provides information relative to legal issues surrounding licensure. Completion of NURS 222, NURS 232, NURS 242, and NURS 252, each with a 2.0/Pass or higher, required.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Human Relations:** Prof/Tech Degree

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 251 Psychosocial Disturbance Practicum

**Units: 2.5**

Provision of care for persons with psychiatric disturbances in a variety of settings. Working with interdisciplinary team is emphasized. Completion of NURS 143 with 2.0 or higher and concurrent enrollment with NURS 241 required.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 252 Nursing and Health Promotion Practicum

**Units: 1.5**

Nursing practicum in ambulatory and community settings with focus on use of nursing process and promoting health in vulnerable populations experiencing disparities.

**Prerequisite Required:** NURS 221 and NURS 241 completed with 2.0 or above. NURS 231 and NURS 251 with Pass. Taken concurrently with NURS 242.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURS 266 Cardiac Monitoring

**Units: 2**

Optional nursing course. Fundamentals of bedside cardiac monitoring and dysrhythmia interpretation.

**Prerequisite Required:** Enrollment in second year of registered nursing program or current nursing licensure.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

## NURS 267 Intravenous Therapy

### Units: 2

Optional nursing course. Concepts include: Intravenous fluid types, equipment, indications for therapy, site selection, compatibility, drip titration, dosage and rate calculation, site maintenance, and complications. Live IV insertion practice is not included.

**Prerequisite Required:** Currently enrolled in second year of nursing program or licensure as a nurse.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

## NURS 290 Leadership Experience in Nursing

### Units: 1

An elective course that focuses on support for students in leadership positions in organizations. Emphasizes developing skills for group leading, recruitment of others into the organization's programs, organizing and planning events, fund raising, and managing conflict within organizations.

**Prerequisite Required:** Admission to the Nursing Program.

Concurrent enrollment in other nursing courses or permission is required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## NURS 291 Special Topics in Nursing

### Units: 1

Classes focusing on specific issues and/or topics of interest in nursing.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

## NURS 292 Special Topics in Nursing

### Units: 2

Classes focusing on specific issues and/or topics of interest in nursing.

**Grading Basis:** Graded

## NURS 293 Special Topics in Nursing

### Units: 3

Classes focusing on specific issues and/or topics of interest in nursing.

**Grading Basis:** Graded

## NURS 294 Special Topics in Nursing

### Units: 4

Classes focusing on specific issues and/or topics of interest in nursing.

**Grading Basis:** Graded

## NURS 295 Special Topics in Nursing

### Units: 5

Classes focusing on specific issues and/or topics of interest in nursing.

**Grading Basis:** Graded

## NURS 297 Individual Project in Nursing

### Units: 1

Individual project in a specific area of nursing. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

## NURS 298 Individual Project in Nursing

### Units: 2

Individual project in a specific area of nursing. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

## NURS 299 Individual Project in Nursing

### Units: 3

Individual project in a specific area of nursing. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

# Nursing - 10 Quarter

## NURSE 95 Success Strategies I - 10 Qtr

### Units: 1

Support for academic success in nursing. Includes reading, study, and test-taking skills, working in culturally diverse groups and campus support services. An optional course recommended for students interested in improving academic skills or who are non-native English speakers.

**Prerequisite Required:** Current enrollment in 10 Quarter Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

## NURSE 96 Success Strategies II - 10 Qtr

### Units: 1

Support for academic success in nursing. Includes reading, study, drug dosage computation, working in culturally diverse groups, & campus support services. An optional course recommended for students interested in improving academic skills or who are non-native English speakers.

**Prerequisite Required:** Current enrollment in 10 Quarter Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

### NURSE 98 Critical Thinking in the Nsg Process II - 10-Qtr

**Units: 1**

Continuation of an optional problem-solving seminar designed to assist students in developing their critical thinking skills in relationship to the nursing process. Emphasis will be on case studies.

**Prerequisite Required:** Current enrollment in 10 Quarter Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

### NURSE 101 Success Strategies for Nursing Students Seminar

**Units: .5**

First seminar course in six-part seminar series for students entering the Nursing Program. Success Strategies focuses on behaviors that support academic success in nursing. The course includes skills in time management, goal setting, stress management, reading, studying, and test taking. It also includes critical thinking in nursing, embracing a growth mindset approach to learning, working in culturally diverse groups, an introduction to campus support services and other online tools applicable to nursing. Equivalent to NURS 101.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 102 Cultivation of Care for the Nurse Seminar

**Units: 1**

The focus of this course is to introduce the learner to concepts for short, medium and long-term strategies for personal and professional development. Emphasis on the application of self-reflection and self-improvement is reviewed to achieve success in the personal and professional environment. This course will take the learner through a personal journey of self-reflection and self-exploration while laying a foundation for theory-in-practice. Equivalent to NURS 102.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 103 Finding Your Career-Centered Passion Seminar

**Units: .5**

A seminar course for currently-enrolled nursing students that focuses on helping students identify their areas of interests as they pertain to a career as a registered nurse. Students will evaluate personal strengths, interests, and experiences to determine a beginning career plan. Equivalent to NURS 103.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 112 Critical Thinking in the Nsg Process - 10 Qtr

**Units: 1**

A problem-solving seminar designed to assist students in developing their critical thinking skills in relationship to the nursing process. Emphasis will be on case studies.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 121 Communication in Nursing - 10 Qtr

**Units: 3**

Students apply basic principles of communication and human relations to health care settings. Includes identification of problems in human relationships and techniques for working successfully with clients, families, co-workers, and others of diverse backgrounds in the health care environment. Equivalent to NURS 121.

**Prerequisite Required:** Admission to the 10 quarter option of the nursing program.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 122 Found. of Nursing Practice - 10 Qtr

**Units: 3**

Organizing framework foundational to the nursing program. Concepts include critical thinking, nursing process, pt. centered care, homeostasis & environment with emphasis on human needs and lifespan regarding the older adult. Socialization into the nursing profession is emphasized. Equivalent to NURS 141.

**Prerequisite Required:** NURSE 121 and NURSE 131. Concurrent with NURSE 132 and NURSE 142.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer



**NURSE 123 Nsg Practice & Common Health Disturbances-10-Qtr**

**Units: 7**

Nursing care for persons with common health disturbances related to immobility, malnutrition, infection, inflammation, pain, peri-operative care, unconsciousness, integument, diabetes, cancer, eye/ear disorders, immune dysfunction, musculoskeletal disorders and end-of-life issues across the life span. Includes nursing skills practice lab.

**Prerequisite Required:** NURSE 122, NURSE 132, NURSE 142.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 124 Nsg Prac & Complex Health Disturbances I -10-Qtr**

**Units: 1.5**

First course in nursing sequence that focuses on nursing care for persons with complex health disturbances. Includes theory and nursing skills practice labs. Prerequisite: NURSE 123 with a grade of Pass/2.0 or higher. Co-requisite course: NURSE 134.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 125 Nsg Prac & Complex Health Disturbances II-10-Qtr**

**Units: 6**

Second course in sequence that focuses on nursing care for persons with complex health disturbances. Emphasis on cardiovascular, shock, neurological, immunological, cancer, gastrointestinal, endocrine, sensory, and integumentary problems. Includes nursing skills practice labs.

**Prerequisite Required:** NURSE 124.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 131 Communication Skills Lab - 10 Qtr**

**Units: 1**

Practice of communication skills including communicating within the health care team and with clients; group process; and responding to individuals with varying needs, ages, and problems. Techniques for managing personal stress in health care settings are explored. Equivalent to NURS 131.

**Prerequisite Required:** Admission to the 10 quarter option of the Nursing Program. Instructor approval required.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 132 Skills Practice Lab - 10 Qtr**

**Units: 1**

Provides on-campus experience practicing basic nursing skills. Equivalent to NURS 161. Admission to the 10 quarter option of Nursing Program required.

**Prerequisite Required:** NURSE 121 and NURSE 131. Concurrent enrollment in NURSE 122 and NURSE 142.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 134 Nsg Prac & Complex Health Disturbances I Practicum-10-Qtr**

**Units: 6**

Clinical practicum to care for complex hospitalized individuals, primarily those individuals undergoing surgery.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 142 Nursing Foundations Practicum - 10 Qtr**

**Units: 4**

Practicum experience in long-term care setting. Equivalent to NURS 151.

**Prerequisite Required:** NURSE 121 and NURSE 131. Concurrently with NURSE 122 and NURSE 132. Admission to 10 qtr. option of Nursing Program required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 204 Fostering a Culture of Physical & Psychological Safety in Healthcare Seminar**

**Units: 0.5**

Fourth seminar course in six-part series for enrolled nursing students. The focus of this course will be on fostering a healthy workplace and the psychological stress nurses experience working in healthcare. The course includes learning skills to both identify and how to respond to these workplace stressors. Students will develop an understanding of healthy workplace cultures, lateral violence, workplace violence, and moral distress. Students will learn about ethical conflicts in healthcare that can contribute to moral distress. Students will be able to practice verbal de-escalation and strategies of responding to incivility in the workplace. Dual listed as NURS 204.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 205 Nursing Career Interviewing Seminar

**Units: 0.5**

Fifth seminar course in six-part series for enrolled nursing students. The interviewing seminar is a course for senior nursing students who are soon to enter the nursing profession. The course includes a review of resume and cover letter development, as well as new content related to how to succeed in a professional nursing interview. These topics include answering interview questions, anxiety reduction, professionalism, and how to negotiate and accept job offers. The course wraps up with a mock interview simulation with current nursing managers who provide relevant feedback.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 206 Transition to Nursing Practice

**Units: 0.5**

Sixth course in six-part seminar series for enrolled nursing students. This course explores concepts of self-efficacy and growth mindset to create individualized plans for holistic well-being as students transition to practice. Survey of common transition challenges including anticipatory anxiety, feeling overwhelmed, conflicts of work world values with nursing school ideals, and interprofessional communication. Exploration of differences in experiences, and a variety of self-care practices for support. Discussion of situations which require flexibility including team models of care, floating, prioritizing for unit needs, time management, frustration with systems, and contingency models of care. Students will gain confidence in finding resources for information and support. Interprofessional communication skills will be practiced, focusing on providers and NAC's.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 221 Nsg Pract & Complex Health Disturb III - 10-Qtr

**Units: 3**

Third course in four course series of nursing care for patients with complex health disturbances with emphasis on care of persons with conditions of the neurological, hepato-biliary, genitourinary, renal and reproductive systems. Nursing role with toxins and bioterrorism is included. Equivalent to NURS 221. Completion of NURSE 125 with a Pass/2.0 or higher required. Dual listed as NURS 221.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 222 Nursing Practice and Health Promotion - 10-Qtr

**Units: 3.5**

Focuses on health promotion emphasizing vulnerable populations & disparities related to power and privilege. Equivalent to NURS 242.

**Prerequisite Required:** Limited to students in Nursing Program. NURSE 221 and NURSE 231 completed with 2.0 or above or pass. Taken concurrently with NURSE 232.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 223 Nursing Prac & the Childbearing Family - 10-Qtr

**Units: 3**

Provides knowledge related to physiological and psychological changes occurring during the childbearing experience. Major focus is homeostasis for mother, newborn, and family unit. Explores cultural implications and diverse approaches and attitudes regarding childbearing. Equivalent to NURS 222.

**Prerequisite Required:** NURSE 222 and NURSE 232.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 224 Mngng Nsg Care in the Health Care System- 10-Qtr

**Units: 4**

Presents basic management theory applied to nursing and the management of patient/client care. Explores the challenges, issues, and trends affecting the nursing profession and the health care system of today. Provides information relative to legal issues surrounding licensure. Equivalent to NURS 243.

**Prerequisite Required:** Acceptance into the Nursing Program.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**Meets Requirements for Human Relations:** Prof/Tech Degree

**This course fulfills a distribution requirement for:** Restricted Transfer

### NURSE 225 Nursing Prac & Complex Health Disturb IV-10-Qtr

**Units: 3**

Final course in the nursing sequence focusing on nursing care of persons throughout the life-span with complex health disorders related to hematopoietic disorders; acute renal, cardiac, and respiratory disorders, trauma, severe burns and the hospitalized child. Pharmacology is integrated. Equivalent to NURS 223.

**Prerequisite Required:** NURSE 222, NURSE 223, NURSE 232, NURSE 233.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 231 Complex Health Disturbances Practicum I- 10-Qtr**

**Units: 6.5**

Clinical practicum where students apply theoretical concepts from NURSE 221 in providing care to hospitalized individuals with complex health disturbances.

**Prerequisite Required:** NURSE 125.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 232 Nursing and Health Promotion Practicum - 10-Qtr**

**Units: 1.5**

Clinical practice in ambulatory and community settings. The major focus is on use of nursing process and promoting health and self determination with consideration of underserved populations.

**Prerequisite Required:** NURSE 221 and NURSE 231.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 233 Nursing and Childbearing Family Practicum-10-Qtr**

**Units: 3**

Expands use of the nursing process and advanced skills to the care of the childbearing family unit with emphasis on antepartal, intrapartal and postpartal care of mothers and newborns in both acute care and community settings. Equivalent to NURS 232.

**Prerequisite Required:** Completion of NURSE 232 with a 2.0/Pass or higher. Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 234 Managing Nursing Care Practicum - 10-Qtr**

**Units: 2**

Clinical practicum where basic management theory and nursing theory from entire program are applied to the management of patient/client care. Emphasis on moving into the registered nursing role.

**Prerequisite Required:** NURSE 225 completed with 2.0 or above and NURSE 235 completed with Pass. Taken concurrently with NURSE 224.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 235 Complex Health Disturbances Practicum II -10-Qtr**

**Units: 4**

Clinical nursing practice in an acute care setting in which students apply theory attained in all previous levels as well as theory of NURSE 225. Focuses on transition to registered nurse role.

Equivalent to NURS 233.

**Prerequisite Required:** NURSE 223, NURSE 233, NURSE 243.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 242 Nsg Pract and Psychsocial Disturbance - 10-Qtr**

**Units: 2.5**

Concepts of mental health; psychopathology; treatment modalities; psychopharmacology and the effect of culture and development on mental health status; and the mental health system and its effect on individuals are explored. Principles of psychosocial nursing and work with the interdisciplinary team are emphasized. Equivalent to NURS 241.

**Prerequisite Required:** NURSE 121, NURSE 131, NURSE 221, and NURSE 231.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**NURSE 243 Psychsocial Disturbances Practicum - 10-Qtr**

**Units: 2.5**

Clinical practicum providing care to individuals with psychiatric disturbances in a variety of settings. Working with an interdisciplinary team is emphasized. Equivalent to NURS 251.

**Prerequisite Required:** Admission to the Nursing Program.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## Nursing Assistant - Certified

### NAC 103 Nursing Assistant (NAC) Theory and Skills Lab

**Units: 13**

This course prepares students for the WA State Nursing Assistant exam for state certification. It includes the essentials of care giving, body systems, basic nutrition, and infection control. Hands-on training is provided in a supervised laboratory setting where students master the skills required for state certification.

**Prerequisite Required:** Acceptance into the NAC program. Non-ESL students: CASAS score of 220 in reading and either CASAS score of 220 in math or passing grade on NAC math assessment test. ESL Students: CASAS score of 220 in reading and listening, passing score on NAC math assessment test or instructor permission. Concurrent enrollment in NAC 104.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NAC 104 Nursing Assistant Clinical Experience

**Units: 3**

This course is required for all nursing assistant certified students and provides additional hands-on training in a real client care setting.

**Prerequisite Required:** Acceptance into the NAC program and concurrent enrollment, or completion of, NAC 103 or NAC 105 with a pass.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### NAC 105 Nursing Assistant (NAC) Theory and Skills Lab

**Units: 13**

This course prepares students for the WA State Nursing Assistant exam for state certification. It includes the essentials of care giving, body systems, basic nutrition, and infection control. Hands-on training is provided in a supervised laboratory setting where students master the skills required for state certification.

Emphasis on critical thinking skills and aligning theoretical concepts with applied practical skills.

**Prerequisite Required:** Acceptance into the NAC program. Placement into MATH& 141, or completion with 2.0 or higher of ENGL& 101, or BIOL& 231 or BIOL& 241 or equivalent, or other online/hybrid college level course. Concurrent enrollment in NAC 104.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## Nutrition

### NUTR 188 Nutrition and Fitness

**Units: 3**

This course is designed for anyone wanting to improve their health through nutrition and fitness, from recreational exercisers to serious athletes. Included are discussions of fitness goals and guidelines, nutrients and energy systems, weight maintenance, eating disorders, nutrition misinformation, and supplement use. Recommended completion of MATH& 107 or higher and ENGL 99 or equivalent. Dual listed as PE 188.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### NUTR 293 Special Topics in Nutrition

**Units: 3**

Classes focusing on specific issues and/or topics on interest in nutrition.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### NUTR 297 Individual Project in Nutrition

**Units: 1**

Individual project in a specific area of nutrition. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of student's educational & work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### NUTR 298 Individual Project in Nutrition

**Units: 2**

Individual project in a specific area of nutrition. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of student's educational & work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### NUTR 299 Individual Project in Nutrition

**Units: 3**

Individual project in a specific area of nutrition. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of student's educational & work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## NUTR& 101 Nutrition

**Units: 5**

A general study of nutrients in food, its digestion, absorption and metabolism. Course also deals with energy balance, weight control, nutritional assessment and improvement of general well-being. Recommended completion of MATH& 107 or higher and ENGL 99 or equivalent.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Other Science

## NUTR& 101W Nutrition

**Units: 5**

A general study of nutrients in food, its digestion, absorption and metabolism. Course also deals with energy balance, weight control, nutritional assessment and improvement of general well-being. Recommended completion of MATH& 107 or higher and ENGL 99 or equivalent.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Other Science

# Oceanography

## OCEA 174 Underwater Photography

**Units: 2**

Fundamentals of taking pictures underwater. Suitable films, cameras and underwater housings are demonstrated. The properties of light under water and special lighting effects are discussed. Pictures taken underwater are then critiqued in class.

**Prerequisite Required:** PE 120.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

## OCEA 297 Individual Project in Oceanography

**Units: 1**

Individual project in a specific area of oceanography. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## OCEA 298 Individual Project in Oceanography

**Units: 2**

Individual project in a specific area of oceanography. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## OCEA 299 Individual Project in Oceanography

**Units: 3**

Individual project in a specific area of oceanography. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer

**This course fulfills a distribution requirement for:** Elective

## OCEA& 101 Introduction to Oceanography

**Units: 5**

Study of the sea floor features, the earth's interior, ancient sea levels and climates, pollutants, nutrients, ocean currents, waves, beaches, tides and habitats. Labs on rocks, charts and navigation, sea water and organisms of the sea.

**Prerequisite Required:** ENGL& 101 with 2.0 or better and placement into MATH& 107 recommended

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Science Lab

# Parent Education

## PARED 114 Parent Cooperative Preschool 1: 0-1, 1-Day

**Units: 2**

Lecture/lab for parents of birth to one year olds; PARED 114/PARED 115/PARED 116 together cover parenting the infant: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## PARED 115 Parent Cooperative Preschool 2: 0-1, 1-Day

**Units: 2**

Lecture/lab for parents of birth to one year olds; PARED 114/PARED 115/ PARED 116 together cover parenting the infant: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 116 Parent Cooperative Preschool 3: 0-1, 1-Day**

**Units: 2**

Lecture/lab for parents of birth to one year olds; PARED 114/PARED 115/PARED 116 together cover parenting the infant: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 117 Doing It All: Support for the Student-Parent**

**Units: 2**

For students who are parents of 0-5 year olds attending the Shoreline Community College Parent-Child Center. Topics include child development, guidance & discipline, college supports and community building.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 124 Parent Cooperative Preschool 1: 1-2, 1-Day**

**Units: 2**

Lecture/lab for parents of 8mo-2 year olds; PARED 124/PARED 125/PARED 126 together cover parenting the 8mo-2 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 125 Parent Cooperative Preschool 2: 1-2, 1-Day**

**Units: 2**

Lecture/lab for parents of 8mo-2 year olds; PARED 124/PARED 125/PARED 126 together cover parenting the 8mo-2 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 126 Parent Cooperative Preschool 3: 1-2, 1-Day**

**Units: 2**

Lecture/lab for parents of 8mo-2 year olds; PARED 124/PARED 125/PARED 126 together cover parenting the 8mo-2 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 134 Parent Cooperative Preschool 1:2-3, 1-Day**

**Units: 2**

Lecture/lab for parents of 2-3 year olds; 1-day/week option. PARED 134/PARED 135/PARED 136 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 135 Parent Cooperative Preschool 2:2-3, 1-Day**

**Units: 2**

Lecture/lab for parents of 2-3 year olds; 1-day/week option. PARED 134/PARED 135/PARED 136 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 136 Parent Cooperative Preschool 3:2-3, 1-Day**

**Units: 2**

Lecture/lab for parents of 2-3 year olds; 1-day/week option. PARED 134/PARED 135/PARED 136 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 137 Parent Cooperative Preschool 1:2-3, 2-Day**

**Units: 2**

Lecture/lab for parents of 2-3 year olds; 2-day/week option. PARED 137/PARED 138/PARED 139 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 138 Parent Cooperative Preschool 2:2-3, 2-Day**

**Units: 2**

Lecture/lab for parents of 2-3 year olds; 2-day/week option. PARED 137/PARED 138/PARED 139 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 139 Parent Cooperative Preschool 3:2-3, 2-Day**

**Units: 2**

Lecture/lab for parents of 2-3 year olds; 2-day/week option. PARED 137/PARED 138/PARED 139 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 144 Parent Cooperative Preschool 1: 3-4, 3-Day**

**Units: 3**

Lecture/lab for parents of 3-4 year olds; PARED 144/PARED 145/PARED 146 together cover parenting the 3-4 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 145 Parent Cooperative Preschool 2: 3-4, 3-Day**

**Units: 3**

Lecture/lab for parents of 3-4 year olds; PARED 144/PARED 145/PARED 146 together cover parenting the 3-4 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 146 Parent Cooperative Preschool 3: 3-4, 3-Day**

**Units: 3**

Lecture/lab for parents of 3-4 year olds; PARED 144/PARED 145/PARED 146 together cover parenting the 3-4 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 154 Parent Cooperative Preschool 1: 4-5, 3-Day**

**Units: 3**

Lecture/lab for parents of 4-5 year olds; PARED 154/PARED 155/PARED 156 together cover parenting the 4-5 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 155 Parent Cooperative Preschool 2: 4-5, 3-Day**

**Units: 3**

Lecture/lab for parents of 4-5 year olds; PARED 154/PARED 155/PARED 156 together cover parenting the 4-5 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 156 Parent Cooperative Preschool 3: 4-5, 3-Day**

**Units: 3**

Lecture/lab for parents of 4-5 year olds: PARED 154/PARED 155/PARED 156 together cover parenting the 4-5 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 157 Parent Cooperative Preschool 1:5-6, 3-Day**

**Units: 3**

Lecture/lab for parents of 5-6 year olds; PARED 157/PARED 158/PARED 159 together cover parenting the 5-6 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 158 Parent Cooperative Preschool 2: 5-6, 3-Day**

**Units: 3**

Lecture/lab for parents of 5-6 year olds; PARED 157/PARED 158/PARED 159 together cover parenting the 5-6 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 159 Parent Cooperative Preschool 3:5-6, 3-Day**

**Units: 3**

Lecture/lab for parents of 5-6 year olds; PARED 157/PARED 158/PARED 159 together cover parenting the 5-6 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 164 Parent Cooperative Preschool 1:3-5, 2-Day**

**Units: 2**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 165 Parent Cooperative Preschool 2:3-5, 2-Day**

**Units: 2**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 166 Parent Cooperative Preschool 3:3-5, 2-Day**

**Units: 2**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 167 Parent Cooperative Preschool 1:3-5, 3-Day**

**Units: 3**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 168 Parent Cooperative Preschool 2:3-5, 3-Day**

**Units: 3**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer



**PARED 169 Parent Cooperative Preschool 3:3-5, 3-Day**

**Units: 3**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 174 Parent Cooperative Preschool 1: 1-4, 1-Day**

**Units: 2**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 175 Parent Cooperative Preschool 2: 1-4, 1-Day**

**Units: 2**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 176 Parent Cooperative Preschool 3: 1-4, 1-Day**

**Units: 2**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 177 Parent Cooperative Preschool 1:1-4, 2-Day**

**Units: 2**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 178 Parent Cooperative Preschool 2:1-4, 2-Day**

**Units: 2**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 179 Parent Cooperative Preschool 3:1-4, 2-Day**

**Units: 2**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 184 Parent Cooperative Preschool 1: 0-5**

**Units: 1**

Parent education lecture course for parents of children birth to age 5. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, literacy & community building.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 185 Parent Cooperative Preschool 2: 0-5**

**Units: 1**

Parent education lecture course for parents of children birth to age 5. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, literacy & community building.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 186 Parent Cooperative Preschool 3: 0-5**

**Units: 1**

Parent education lecture course for parents of children birth to age 5. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, literacy & community building.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### PARED 191 Special Topics in PARED

**Units: 1**

Lecture course for parents that explores concepts and theories of selected parenting issues. PARED 191/PARED 192/PARED 193 together provide parents with knowledge to enable the formulation and practice of problem solving techniques to build and enhance self esteem within the family unit. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**This course fulfills a distribution requirement for:** Restricted Transfer

### PARED 192 Special Topics in PARED

**Units: 2**

Lecture course for parents that explores concepts and theories of selected parenting issues. PARED 191/PARED 192/PARED 193 together provide parents with knowledge to enable the formulation and practice of problem solving techniques to build and enhance self esteem within the family unit. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**This course fulfills a distribution requirement for:** Restricted Transfer

### PARED 193 Special Topics in PARED

**Units: 3**

Lecture course for parents that explores concepts and theories of selected parenting issues. PARED 191/PARED 192/PARED 193 together provide parents with knowledge to enable the formulation and practice of problem solving techniques to build and enhance self esteem within the family unit. Sequence of topics is by instructor discretion.

**Grading Basis:** Pass/Not Pass

**This course fulfills a distribution requirement for:** Restricted Transfer

### PARED 194 Parent Cooperative Preschool 1:1-5

**Minimum Units: 0.5**

**Maximum Units: 0.5**

Lecture/lab for parents of 1-5 year olds. Topics include child development, influences on development, the importance of play-based learning, guidance & discipline, health, nutrition, and scientific thinking. Sequence of topics is by instructor discretion.

**Prerequisite Required:** Instructor permission required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

### PARED 204 Pared Co-op: K-3

**Units: 1**

The Parent Education for Caregivers of Early Elementary-Aged Children from Kindergarten through 3rd Grade is an opportunity to hone caregiving skills. Skills learned in the cooperative preschool model is extended into parenting and caregiving the growing child.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### PARED 205 Pared Co-op: K-3

**Units: 1**

The Parent Education for Caregivers of Early Elementary-Aged Children from Kindergarten through 3rd Grade is an opportunity to hone caregiving skills. Skills learned in the cooperative preschool model is extended into parenting and caregiving the growing child.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### PARED 206 Pared Co-op: K-3

**Units: 1**

The Parent Education for Caregivers of Early Elementary-Aged Children from Kindergarten through 3rd Grade is an opportunity to hone caregiving skills. Skills learned in the cooperative preschool model is extended into parenting and caregiving the growing child.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### PARED 214 Parent Cooperative 1, Kindergarten - 3rd Grade

**Units: 1**

This dynamic course explores the vital role of play-based learning and gentle parenting techniques in fostering the holistic development of children from Kindergarten through third grade. Grounded in contemporary research and practical applications, this course equips parents with the knowledge and skills necessary to support and guide the cognitive, social, emotional, and physical growth of their school aged children.

Through a combination of interactive lectures, hands-on activities, and group discussions, participants will delve into various theories of play, developmental milestones, and effective parenting strategies. Topics covered include the importance of free play, creating conducive play and study spaces at home, promoting creativity in an academic focused world, managing screen time, fostering positive social interactions, and understanding the role of play in emotional regulation and problem solving.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 215 Parent Cooperative 2, Kindergarten - 3rd Grade**

**Units: 1**

This dynamic course explores the vital role of play-based learning and gentle parenting techniques in fostering the holistic development of children from Kindergarten through third grade. Grounded in contemporary research and practical applications, this course equips parents with the knowledge and skills necessary to support and guide the cognitive, social, emotional, and physical growth of their school aged children.

Through a combination of interactive lectures, hands-on activities, and group discussions, participants will delve into various theories of play, developmental milestones, and effective parenting strategies. Topics covered include the importance of free play, creating conducive play and study spaces at home, promoting creativity in an academic focused world, managing screen time, fostering positive social interactions, and understanding the role of play in emotional regulation and problem solving.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 216 Parent Cooperative 3, Kindergarten - 3rd Grade**

**Units: 1**

This dynamic course explores the vital role of play-based learning and gentle parenting techniques in fostering the holistic development of children from Kindergarten through third grade. Grounded in contemporary research and practical applications, this course equips parents with the knowledge and skills necessary to support and guide the cognitive, social, emotional, and physical growth of their school aged children.

Through a combination of interactive lectures, hands-on activities, and group discussions, participants will delve into various theories of play, developmental milestones, and effective parenting strategies. Topics covered include the importance of free play, creating conducive play and study spaces at home, promoting creativity in an academic focused world, managing screen time, fostering positive social interactions, and understanding the role of play in emotional regulation and problem solving.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 291 Special Topics in Parent Education**

**Units: 1**

Classes focusing on specific issues and/or topics of interest in Parent Education.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 292 Special Topics in Parent Education**

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Parent Education.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 293 Special Topics in Parent Education**

**Units: 3**

Classes focusing on specific issues and/or topics of interest in Parent Education.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 297 Individual Project in Parent Education**

**Units: 1**

Individual project in a specific area of Parent Education. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 298 Individual Project in Parent Education**

**Units: 2**

Individual project in a specific area of Parent Education. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**PARED 299 Individual Project in Parent Education**

**Units: 3**

Individual project in a specific area of Parent Education. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

# Philosophy

## PHIL 102 Contemporary Moral Problems

**Units: 5**

Students critically examine a variety of different ethical issues, such as war, human trafficking, capital punishment, same-sex marriage, human rights, animal rights, euthanasia, the environment, vegetarianism, abortion, racial and ethnic discrimination, social justice, and issues of gender and sexuality. Recommend successful completion of ENGL 99 or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## PHIL 210 Comparative Religion

**Units: 5**

A comparative survey of the history, beliefs and practices of major religions and religious traditions around the world. Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, Jainism, Shintoism, Native American traditions and traditions of other indigenous peoples, Witchcraft, and so forth.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## PHIL 240 Introduction to Ethics

**Units: 5**

What is the basis of human rights? Which rights, if any, should be universal? What, if anything, is truly good in itself? What is social justice? Join this course for lively philosophical discussions on these and other big questions pertaining to the nature of right and wrong, good and bad. ENGL& 101 or equivalent recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## PHIL 240H Introduction to Ethics HC

**Units: 5**

What is the basis of human rights? Which rights, if any, should be universal? What, if anything, is truly good in itself? What is social justice? Join this course for lively philosophical discussions on these and other big questions pertaining to the nature of right and wrong, good and bad. ENGL& 101 or equivalent recommended.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## PHIL 248 Ethical Issues in Criminal Justice

**Units: 5**

Critical discussion of the philosophical, psychological, ethical underpinnings of human behavior in the Criminal Justice system, including ethical challenges and issues of multiculturalism within the Criminal Justice system.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## PHIL 265 Philosophy Through Film

**Units: 5**

This course will examine a variety of philosophical arguments through the medium of film. It will consist of screenings, readings and lectures, and lively discussion. Students will engage a wide range of exciting thinkers, issues, and movies with the goal of understanding both how our world is and how we want it to be. Recommended placement into ENGL& 101.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Social Sciences

## PHIL 267 Introduction to Philosophy of Religion

**Units: 5**

Does God exist? Do we have an immaterial soul? Is there life after death? What is faith? Has science proven there is no God? Is it ever reasonable to believe a miracle occurred? Why does the world contain evil? Join this class to engage in lively philosophical discussions concerning these and other big questions pertaining to religion.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

## PHIL 295 Special Topics in Philosophy

**Units: 5**

Classes focusing on specific issues and/or topics of interest in philosophy.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

## PHIL 297 Individual Project in Philosophy

**Units: 1**

Individual project in a specific area of philosophy. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### PHIL 298 Individual Project in Philosophy

**Units: 2**

Individual project in a specific area of philosophy. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

### PHIL 299 Individual Project in Philosophy

**Units: 3**

Individual project in a specific area of philosophy. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Elective

### PHIL& 101 Introduction to Philosophy

**Units: 5**

Examination and discussion of important philosophical arguments pertaining to the classic questions of philosophy, including: Does God exist? What is truth? How does knowledge differ from opinion? What is consciousness? Do we have free will? What is justice? Recommend successful completion of ENGL 99 or placement into ENGL& 101.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

### PHIL& 101H Introduction to Philosophy HC

**Units: 5**

Examination and discussion of important philosophical arguments pertaining to the classic questions of philosophy, including: Does God exist? What is truth? How does knowledge differ from opinion? What is consciousness? Do we have free will? What is justice? Recommend successful completion of ENGL 99 or placement into ENGL& 101.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

### PHIL& 115 Critical Thinking

**Units: 5**

An informal, non-symbolic introduction to logic and critical thinking emphasizing real-life examples, natural language applications, and the informal logical fallacies.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General, Social Sciences

### PHIL& 120 Symbolic Logic

**Units: 5**

Students translate reasoning into symbolic language and then test it for validity using algorithms and proof procedures similar to those used in math and computer science.

**Prerequisite Required:** Placement into PHIL& 120 (above the PHIL& 120 with co-requisite support level) or MATH 99, MATH& 107, MATH& 146 (above the co-requisite support level). See <http://shoreline.edu/placement> for details.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Other Science

## Physical Education

### PE 105 Badminton I

**Units: 2**

Introduction to the rules, techniques, physical skills, and strategies of the game of badminton. Students will learn origins and rules, develop individual skills and reinforce their skill through competitive games and tournament experiences.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### PE 107 Pickleball I

**Units: 2**

Introduction to pickleball; a cross between tennis and badminton, played on a badminton court with a 3 ft high net, short paddle and whiffle ball. Emphasis on conditioning, agility, coordination, and timing.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### PE 116 Tai Chi I

**Units: 2**

An introduction to the art of Tai Chi and its basis in Chinese philosophy as it relates to the development of health, fitness, strength, and power. Students will develop basic Tai Chi moves and learn a form of exercise based on soft, fluid movements.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### PE 117 Yoga I

**Units: 2**

A centered, grounded technique to gain better balance, strength, flexibility and stability from the body's core. Using a variety of approaches you will blend energizing effort with relaxing, inhaling with exhaling, while quieting the mind, toning the body and inspiring personal confidence.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### PE 126 Yoga/Pilates Fusion I

**Units: 2**

Introduction to the flexibility, balance, and breathing aspects of Yoga combined with the strengthening properties of Pilates for a complete body workout; toning the body, reducing stress, and building self-confidence.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 136 Weight Training & Cardio Fitness****Units: 2**

A combination of strength and cardiovascular training techniques allowing the student to develop and experience a personal well-balanced fitness program.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 138 Weight Training I****Units: 2**

Understanding, developing and maintaining muscular strength and endurance through participation in an individual weight training program.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 139 Core Strength Conditioning I****Units: 2**

Develop and understand the importance of core body strength through a variety of activities including yoga, Pilates, the exercise ball and resistance exercises. Focus will be on the development of the core muscle groups while developing over all body strength and flexibility.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 154 Soccer I****Units: 2**

Introduction to techniques, physical skills, & strategies of soccer. Learn origins & rules, develop individual skills through a series of demonstrations, drills & individual performance tasks & reinforce those skills through competitive games.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 155 Basketball I****Units: 2**

Introduction to conditioning and basic skills (passing, shooting, ball handling and rebounding) as they relate to basketball. It also includes individual and team strategy, skills and techniques, rules of the game, scoring procedures and officiating.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 171 Circus Performance: Balance and Motion****Units: 3**

Expand dramatic and kinesthetic abilities. Learn juggling, rope

walking, other circus skills. Practice theories of balance, motion. Develop historical, international perspectives on performance art. Create dramatic performance as final project. Excellent training for actors and athletes. Dual listed as DRMA 171.

**Grading Basis:** Student Option

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Elective

**PE 184 Active Weight Maintenance****Units: 2**

Explore exercise strategies and techniques for achieving optimal weight. Develop personalized behavior changes to advance health and wellness for weight management. Each student will leave with an individualized routine and the ability to plan successful workouts for their busy lifestyle.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 186 Active Mindfulness****Units: 2**

Focus on mindfulness factors that contribute to optimal weight and wellness. Explore practical applications using a variety of activities and mindfulness strategies for healthy weight management.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 188 Nutrition and Fitness****Units: 3**

This course is designed for anyone wanting to improve their health through nutrition and fitness, from recreational exercisers to serious athletes. Included are discussions of fitness goals and guidelines, nutrients and energy systems, weight maintenance, eating disorders, nutrition misinformation, and supplement use. Recommended completion of MATH& 107 or higher and ENGL 99 or equivalent. Dual listed as NUTR 188.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

**PE 200 Fitness Lab****Units: 1-3**

Pursue your fitness goals in an informal supervised setting while earning college credit. Gain practical experience while participating in your personal fitness program.

**Prerequisite Required:** PE 101, or any of the following PE 127, PE 128, PE 129, PE 227, PE 228, PE 229.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 205 Badminton II

**Units: 2**

Advanced study of the rules, techniques, physical skills, and strategies of the game of badminton. Drills, individual performance tasks and reinforcement of skill through competitive games and tournament experiences.

**Prerequisite Required:** PE 105 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 207 Pickleball II

**Units: 2**

Advanced skills, techniques, strategies, and conditioning for the sport of pickleball.

**Prerequisite Required:** PE 107 or instructor permission.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 216 Tai Chi II

**Units: 2**

An advanced level class that builds on and focuses on mastery of basic skills, techniques, and philosophy of Tai Chi, and expressed in Chinese culture. Students will be introduced to advanced skill and movements.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 217 Yoga II

**Units: 2**

A centered, grounded technique to gain better balance, strength, flexibility and stability from the body's core. Using a variety of approaches you will blend energizing effort with relaxing, inhaling with exhaling, while quieting the mind, toning the body and inspiring personal confidence.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 226 Yoga/Pilates Fusion II

**Units: 2**

Advanced study of Yoga and Pilates as an integrated combination designed to provide a complete body workout which will improve flexibility, balance, breathing, core strengthening, stress reduction and self-confidence.

**Prerequisite Required:** PE 126 or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 236 Weight Training and Cardio Fitness II

**Units: 2**

Advanced combination of strength and cardiovascular training techniques allowing the student to develop and experience a personal well-balanced fitness program.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 238 Weight Training II

**Units: 2**

Advanced weight training. Develop and maintain muscular strength and endurance through participation in an individual weight lifting program utilizing a variety of strength and endurance exercises.

**Prerequisite Required:** PE 138 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 239 Core Strength Conditioning II

**Units: 2**

Advanced core fitness training using a variety of exercise forms including yoga, pilates, BOSU, exercise ball and light weights. Develop an understanding of core strength development and its relationship to health and fitness.

**Prerequisite Required:** PE 139 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 254 Soccer II

**Units: 2**

Advanced conditioning, skills, and strategies for highly skilled, experienced players. Advanced individual and team strategies.

**Prerequisite Required:** PE 154 or instructor's permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 255 Basketball II

**Units: 2**

Advanced study of rules, techniques, physical skills and offensive and defensive strategies of the game of basketball. Basic physical skills are refined through game related drills; students are introduced to more advanced & technically demanding skills, offensive & defensive systems.

**Prerequisite Required:** PE 155 or permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 260 Fitness Participation

### Units: 1

Fitness experience designed for the student who already has knowledge in a team or individual sport, or lifetime fitness activity and is interested in continuing participation in that activity. Grade based on attendance and participation only. No written assignments.

**Prerequisite Required:** 100 or 200 level of the specific activity course required.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 270 Basketball Strategies

### Units: 3

Off-season conditioning, skills, and individual and team strategies for the highly skilled athlete. Includes intensive conditioning and competition.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

## PE 274 Baseball Strategies

### Units: 3

For the highly-skilled athlete. Individual and team strategies. Advanced conditioning.

**Prerequisite Required:** PE 157, PE 257 or instructor's permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

## PE 276 Volleyball Strategies

### Units: 3

Off-season conditioning, skills, and individual and team strategies for the highly skilled athlete. Includes intensive competitive and conditioning experiences.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

## PE 277 Soccer Strategies

### Units: 3

Off-season conditioning, skills, and individual and team strategies for the highly skilled athlete. Includes intensive conditioning and competition experiences.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

## PE 278 Softball Strategies

### Units: 3

Off-season conditioning, skills, and individual and team strategies for the highly-skilled athlete. Intensive conditioning and competitive experiences.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Elective

## PE 280 Cardio-Pulmonary Resuscitation

### Units: 1

CPR for the Professional Rescuer. Includes adult, infant and child rescue breathing, choking and CPR, as well as two-person CPR, pocket mask and bag-valve mask skills.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

## PE 290 Special Topics in Physical Education

### Units: 0.5

Exploration of specific issues and/or topics of interest in physical education.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

## PE 291 Special Topics in Physical Education

### Units: 1

Classes focusing on specific issues and/or topics of interest in physical education.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

## PE 292 Special Topics in Physical Education

### Units: 2

Classes focusing on specific issues and/or topics of interest in physical education.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

## PE 293 Special Topics in Physical Education

### Units: 3

Classes focusing on specific issues and/or topics of interest in physical education.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

## PE 294 Special Topics in Physical Education

### Units: 4

Classes focusing on specific issues and/or topics of interest in physical education.

**Grading Basis:** Student option grading

## PE 295 Special Topics in Physical Education

### Units: 5

Classes focusing on specific issues and/or topics of interest in physical education.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Winter, Spring

## PE 297 Individual Project in Physical Education

### Units: 1

Individual project in a specific area of physical education, recreation or athletics. By arrangement with instructor. Permission required.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

## PE 298 Individual Project in Physical Education



**Units: 2**

Individual project in a specific area of physical education, recreation or athletics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

### PE 299 Individual Project in Physical Education

**Units: 3**

Individual project in a specific area of physical education, recreation, or athletics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

## Physics

### PHYS 110 Concepts of the Physical World

**Units: 5**

Introduction to selected physics concepts and theories. Intended for liberal arts and other non-science majors. Includes laboratory.

**Prerequisite Required:** MATH 99 (2.0 or better).

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science - Lab

### PHYS 297 Individual Project in Physics

**Units: 1**

Individual project in a specific area of physics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### PHYS 298 Individual Project in Physics

**Units: 2**

Individual project in a specific area of physics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### PHYS 299 Individual Project in Physics

**Units: 3**

Individual project in a specific area of physics. By arrangement with instructor.

**Prerequisite Required:** Instructor permission based on evaluation of student's educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

### PHYS& 114 General Phys I w/Lab

**Units: 5**

Algebra-based physics for majors in health sciences, architecture, vocational and technical programs, and other majors not requiring calculus. Studies Newtonian mechanics.

**Prerequisite Required:** MATH& 142 with a grade of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### PHYS& 115 General Phys II w/Lab

**Units: 5**

Algebra-based physics for majors in health sciences, architecture, vocational and technical programs, and other majors not requiring calculus. Studies electricity and magnetism.

**Prerequisite Required:** PHYS& 114 and MATH& 142 with grades of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### PHYS& 116 General Phys III w/Lab

**Units: 5**

Algebra-based physics for majors in health sciences, architecture, vocational and technical programs, and other majors not requiring calculus. Studies waves, heat and light.

**Prerequisite Required:** PHYS& 115 and MATH& 142 with grades of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

### PHYS& 221 Engineering Physics I w/Lab: Mechanics

**Units: 5.5**

Calculus-based physics for majors in physical sciences, engineering, pre-medicine, mathematics. Studies Newtonian mechanics.

**Prerequisite Required:** MATH& 151 with a grade of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

## PHYS& 222 Engineering Physics II w/Lab: Electromagnetism

**Units: 5.5**

Calculus-based physics for majors in physical sciences, engineering, pre-medicine, mathematics. Studies electricity and magnetism. Includes laboratory.

**Prerequisite Required:** PHYS& 221 and MATH& 152 with grades of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter, Spring

**This course fulfills a distribution requirement for:** Science - Lab

## PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light

**Units: 5.5**

Calculus-based physics for majors in physical sciences, engineering, pre-medicine, mathematics. Studies fluids, waves, sound, thermodynamics and light.

**Prerequisite Required:** PHYS& 221 and MATH& 152 with grades of 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

**Meets Requirements for Quantitative/Symbolic Reasoning:**

Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Science Lab

## Political Science

### POLS 221 American Foreign Policy

**Units: 5**

This course introduces students to the subject of American foreign policy. The focus is on (1) the evolution of policy, its values, circumstances and priorities, especially since 1945, and (2) the institutions and processes through which policy is made and carried out. ENGL& 101 recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### POLS 222 Great Discussions of Foreign Policy Issues

**Units: 2**

This course introduces students to specific American foreign policy issues. The focus is on (1) the global context of the issue, (2) the evolution of the issue, the historical context, its values, circumstances and priorities, and (3) the institutions and processes through which policy regarding the issue is made and carried out.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### POLS 291 Special Topics in Political Science

**Units: 1**

Classes focusing on specific issues and/or topics of interest in political science.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

### POLS 292 Special Topics in Political Science

**Units: 2**

Classes focusing on specific issues and/or topics of interest in political science.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

### POLS 293 Special Topics in Political Science

**Units: 3**

Classes focusing on specific issues and/or topics of interest in political science.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

### POLS 294 Special Topics in Political Science

**Units: 4**

Classes focusing on specific issues and/or topics of interest in political science.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

### POLS 295 Special Topics in Political Science

**Units: 5**

Classes focusing on specific issues and/or topics of interest in political science.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

### POLS 295W Special Topics in Political Science

**Units: 5**

Classes focusing on specific issues and/or topics of interest in political science.

**Grading Basis:** Student option grading

### POLS 297 Individual Project in Political Science

**Units: 1**

Individual project in a specific area of political science. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### POLS 298 Individual Project in Political Science

**Units: 2**

Individual project in a specific area of political science. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### POLS 299 Individual Project in Political Science

**Units: 3**

Individual project in a specific area of political science. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Elective

### POLS& 101 Introduction to Political Science

**Units: 5**

This course provides a general overview of the major political movements, ideologies, and regimes that have shaped the contemporary world. Examines the nature, purpose, and practice of politics in both its democratic and non-democratic forms.

Emphasis on explaining political change and stability.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### POLS& 201 Introduction to Political Theory

**Units: 5**

Explores classical and modern theories of the nature of government and politics. Looks at the role of ideology in political thought. Focuses on liberalism, conservatism, and democratic socialism. Examines issues including the nature of conflict, equality, good government, justice, and obedience.

**Grading Basis:** Graded

**This course fulfills a distribution requirement for:** Social Sciences

### POLS& 202 Introduction to United States Government and Politics

**Units: 5**

This course provides an introduction to the U.S. political system. Students examine how the political process in the United States addresses significant public problems and conflicts in American society.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### POLS& 202H Intro to American Government and Politics HC

**Units: 5**

This course provides an introduction to the U.S. political system. Students examine how the political process in the United States addresses significant public problems and conflicts in American society.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### POLS& 203 International Relations

**Units: 5**

This class examines how nations interact in a globalized world. World views, national interests, power, war and peace, international organizations and law, trade and development, human rights, the environment, and alternate strategies for resolving global problems will be discussed.

**Prerequisite Required:** ENGL& 101 is recommended.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

## Psychology

### PSYC 202 Biopsychology

**Units: 5**

How does our biology influence how we think, feel, and act? How does our behavior impact the way our biology is expressed? This course examines these two questions and explores the interaction between biology and behavior. Topics include: memory, sex, drugs, and mental illness. A prerequisite for UW psychology majors.

**Prerequisite Required:** PSYC& 100 or equivalent with instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Science Non-Lab

### PSYC 207 The Psychology of Excellence

**Units: 5**

This course focuses on the application of psychological theories & research to enhancing performance in a variety of life settings. Topics include: self-regulation, goal setting, visualization, stress management, attention control, time management, effective communication, & conflict resolution.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 208 Adulthood, Aging and Development

**Units: 5**

A study of the basic concepts and issues in adult aging and development. Exploration of the developmental patterns and problems characteristic of the adult years from a cultural perspective.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 209 Fundamentals of Psychological Research

**Units: 5**

This course covers the key themes and concepts of psychological research and is a foundation course for students planning to take additional courses in psychology. Students will also learn how to critically evaluate scientific findings and claims made by the popular press. A prerequisite for UW psychology majors.

**Prerequisite Required:** PSYC& 100 or equivalent with instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 210 Psychology of Sexuality & Relationships

**Units: 5**

Survey of social, psychological and biological influences on patterns of human sexual behavior. Sexual dysfunction and therapy, contraception, and venereal disease will also be considered.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 215 Death, Dying, Grief, and Recovery

**Units: 5**

A survey course on death and grief; including the process of dying, death, needed preparations for terminal illness and death, grief, and recovery. Topics include preparation of wills and living wills, support skills to assist grievers, and Hospice. Concurrent or successful completion of ENGL& 101 is recommended.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 225 Drugs and Behavior

**Units: 5**

This course surveys the popular recreational drugs in terms of their pharmacological, physiological (health) and psychological impact on the individual. In addition, we will examine issues related to drug use and abuse, addiction, treatment, drug regulation and enforcement, as well as other topical issues.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 230 Multicultural Psychology

**Units: 5**

Focuses on how sociocultural contexts influence psychological processes. We will develop awareness, knowledge, skills and advocacy tools to increase multicultural competence. Negative effects of oppression on mental health and well-being and strategies for inclusive counseling, research, and policy will be covered.

**Prerequisite Required:** PSYC& 100 with 2.0 or better.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 236 Introduction to Personality

**Units: 5**

Introduction to the scientific study of personality, including personality theories and theorists, personality assessment, and personality constructs.

**Prerequisite Required:** PSYC& 100 or equivalent with instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 245 Social Psychology

**Units: 5**

An introduction to the scientific study of relations between individuals and groups and the effects of contextual variables such as: race, ethnicity, culture, and gender. Some of the topics included are: group function, self-concept, conflict, aggression, and discrimination.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 293 Special Topics in Psychology

**Units: 3**

Classes focusing on specific issues and/or topics of interest in psychology.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### PSYC 295 Special Topics in Psychology

**Units: 5**

Classes focusing on specific issues and/or topics of interest in psychology.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC 297 Individual Project in Psychology

**Units: 1**

Individual project in a specific area of psychology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### PSYC 298 Individual Project in Psychology

**Units: 2**

Individual project in a specific area of psychology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### PSYC 299 Individual Project in Psychology

**Units: 3**

Individual project in a specific area of psychology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Elective

### PSYC& 100 General Psychology

**Units: 5**

Course provides an introduction to the scientific study of the biological, mental, and social factors that influence human behavior. Topics covered include: personality, learning, memory, critical thinking, intelligence, psychological disorders, and treatments.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC& 100H General Psychology HC

**Units: 5**

Course provides an introduction to the scientific study of the biological, mental, and social factors that influence human behavior. Topics covered include: personality, learning, memory, critical thinking, intelligence, psychological disorders, and treatments.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC& 200 Lifespan Psychology

**Units: 5**

A survey of human development from conception through death. Physical, emotional, cognitive and psychosocial development will be explored.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### PSYC& 220 Abnormal Psychology

**Units: 5**

Introduction to the field of psychopathology. A survey of the symptoms, causes and treatment of psychological disorders will be considered.

**Prerequisite Required:** PSYC& 100, or equivalent with instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Winter

**This course fulfills a distribution requirement for:** Social Sciences

## Science

### SCI 270 Introduction to Social Determinants of Health

**Units: 2**

Discussions, activities and readings to understand the social factors that impact someone's ability to receive healthcare and how to help. Students will learn about geographic, economic and demographic barriers. A strong focus will be on finding and navigating community resources and best practices to support patients and families.

**Prerequisite Required:** Bachelor Degree or permission of instructor.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter

### SCI 271 Topics in Health Care

**Units: 1**

This course focuses on one or more topics important to health care in the United States or the world.

**Prerequisite Required:** Bachelor's degree or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Winter, Spring

### SCI 272 Topics in Health Care

**Units: 2**

This course focuses on one or more topics important to health care in the United States or the world.

**Prerequisite Required:** Bachelor's degree or instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer

### SCI 273 Research in Health Care

**Units: 1**

This course offers a research experience on a topic related to health care. The specific topic varies by quarter. The research will be done in collaboration with a research or healthcare organization. The project will use quantitative and/or qualitative data collection and evaluation. Course may be repeated 3 times for credit.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Elective

### SCI 284 Preparing for Graduate Health Professions 1

**Units: 1**

This is a first seminar for Post-Baccalaureate students preparing for graduate-level health professions, such as medicine, dentistry, pharmacy, physician assistant, etc. Topics include: admissions process, academic preparation, health professional roles, social determinants of health. Students create a personal plan.

**Prerequisite Required:** Bachelor's Degree and instructor permission.

**Grading Basis:** Pass/Not Pass

### SCI 285 Preparing for Graduate Health Professions 2

**Units: 1**

Second of two-part seminar for Post-Baccalaureate students preparing for graduate-level health professions, such as medicine, dentistry, pharmacy, physician assistant, etc. Focus: preparing for admissions process, exposure to diverse aspects of medicine, professionalism, and strengthening qualifications.

**Prerequisite Required:** SCI 284; or Bachelor Degree and instructor permission.

**Grading Basis:** Pass/Not Pass

### SCI 286 Applying to Graduate Health Professional Schools

**Units: 2**

This seminar is for Post-Baccalaureate students getting ready to apply to graduate-level health professional schools. Topics included are: choosing schools, writing about work and activities, writing an effective personal statement, planning letters of evaluation, and preparing for the interview.

**Prerequisite Required:** SCI 284 or SCI 285; or Bachelor Degree and instructor permission.

**Grading Basis:** Pass/Not Pass

### SCI 287 Critical Reading Analysis for MCAT, GRE.

**Units: 1**

This seminar is for students preparing for the MCAT, GRE or other advanced level test. The course focuses on preparation for the MCAT Critical Analysis and Reading Skills section and the GRE Verbal Reasoning section. Included are test format, free and low cost resources, critical reasoning skills, and test strategies.

**Grading Basis:** Graded

### SCI 288 MCAT Preparation and the Medical Sch Application

**Units: 1**

This seminar is for students preparing for medical school. The focus of this course is on the MCAT and the application process. Topics: MCAT content learning strategies, free and low cost resources, needs assessment, preparation plan development, medical school admission, school selection, and peer and instructor support.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter

### SCI 289 MCAT Test Practice and Strategies

**Units: 1**

This seminar is for students preparing for the MCAT. The seminar focuses on test taking practice, needs assessment, test and preparation strategies, peer and instructor support.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Winter, Spring

### SCI 290 Internship at Seattle Children's Hospital

**Units: 1**

Students connect families to community resources by interning with the Community Resource Team at Seattle Children's Hospital. Work includes talking with families, emailing clinical teams, documenting and follow up. Each student will contribute written material to the resource manual. Excellent attendance is required.

**Prerequisite Required:** SCI 270 with Pass and instructor permission.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

## Sociology

### SOC 102 Child Maltreatment & Advocacy

**Units: 5**

This introductory course for Child Advocacy Studies covers the history, perspectives, legal framework and responses to child maltreatment. It is approached from a variety of diverse professional perspectives. The course is designed for students interested in gaining knowledge of child maltreatment. Dual listed as CAST 102.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 112 Introduction to Criminology

**Units: 5**

An introduction to Criminology as an academic discipline and as a science. Discussions include Crime theory, measuring crime, impact of crime and treatment of offenders and victims.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 135 Current Issues in Crime and Society

**Units: 5**

Explore criminal justice through the lens of social service and community advocacy. Focus on current issues facing individuals and families, with emphasis on understanding how to advocate for vulnerable populations. Dual listed as CJ 135.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 136 Crisis Intervention and Conflict Resolution

**Units: 5**

This course presents the social and psychological factors found in crisis situations. Students will develop strategies for professional assessment, intervention, and follow-up in these situations. Dual listed as CJ 136

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 137 Theories of Professionalism in Criminal Justice

**Units: 5**

Focuses on the social, political, and economic theories and concepts of professionalism in criminal justice and other related careers. Designed for students entering law enforcement, social work, and mental health-related fields. Dual listed as CJ 137.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 202 Professional and Systemic Responses

**Units: 5**

This course focuses on the responses of professionals and the system to allegations of child maltreatment. Designed for students entering fields in which knowledge of child maltreatment investigation and advocacy are necessary. Dual listed as CAST 202.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 250 Sociology of Families

**Units: 5**

Examines the institution of the family in various cultures in the United States and globally. Current issues, debates and public policies that affect the family will also be examined.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 270 Race, Power, Food

**Units: 5**

Examines the politics of nutrition in the age of globalization by focusing on issues of race, ethnicity, and gender. Students will revisit, re-envision, and re-articulate dominant understandings of history and culture as they relate to food, learn about dominant and alternative foodways, and explore interdependence among diverse cultures. ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Dual listed as AES 270.

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter, Spring

**Meets Requirements for Multicultural Understanding:** Transfer, Prof/Tech Degree, Prof/Tech Certificate

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 288 Sociology of Minority Groups

**Units: 5**

Within a sociological context, examine current and historical issues confronting United States minority groups. Explore the influence of culture and social structure on intergroup relations within the U.S. to include topics such as prejudice, discrimination, power, privilege and group identity.

**Grading Basis:** Graded

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 295 Special Topics in Sociology

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Sociology.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### SOC 297 Individual Project in Sociology

**Units: 1**

Individual project in a specific area of sociology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### SOC 298 Individual Project in Sociology

**Units: 2**

Individual project in a specific area of Sociology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### SOC 299 Individual Project in Sociology

**Units: 3**

Individual project in a specific area of Sociology. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### SOC& 101 Introduction to Sociology

**Units: 5**

Introduces the major perspectives and methods in sociology to explain the principles of society, culture and sociocultural relationships. Topics include socialization, social interaction and structure, groups, organizations, deviance, stratification, inequality, institutions and social change.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Social Sciences

### SOC& 201 Social Problems

**Units: 5**

Analysis of the process of social and personal disorganization and reorganization as related to selected social problems such as crime, delinquency, drug abuse, poverty, race relations and over population.

**Grading Basis:** Graded

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Social Sciences

## Spanish

### SPAN 291 Special Topics in Spanish

**Units: 1**

Classes focusing on specific issues and/or topics of interest in Spanish.

**Grading Basis:** Student option grading

### SPAN 292 Special Topics in Spanish

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Spanish.

**Grading Basis:** Special option grading

### SPAN 297 Individual Project in Spanish

**Units: 1**

Individual project in a specific area of Spanish. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### SPAN 298 Individual Project in Spanish

**Units: 2**

Individual project in a specific area of Spanish. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### SPAN 299 Individual Project in Spanish

**Units: 3**

Individual project in a specific area of Spanish. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**This course fulfills a distribution requirement for:** Elective

### SPAN& 121 Spanish I

**Units: 5**

Fast-paced beginning course in Spanish: listening, speaking, reading and writing. Topics include greetings, family, and leisure activities vocabulary and the present tense. Cultural studies include social amenities and exposure to Hispanic art, music and history.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### SPAN& 122 Spanish II

**Units: 5**

Fast-paced course in Spanish: listening, speaking, reading and writing. Topics include past tenses, commands, direct/indirect object pronouns, clothing and food vocabulary. Cultural studies continue with exposure to Hispanic art, music and history.

**Prerequisite Required:** Completion of SPAN& 121 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities General

### SPAN& 123 Spanish III

**Units: 5**

Fast-paced course in Spanish: listening, speaking, reading and writing. Topics include subjunctive, future, conditional and work vocabulary. Cultural studies continue with exposure to Hispanic art, music and history.

**Prerequisite Required:** Completion of SPAN& 122 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Humanities General

### SPAN& 221 Spanish IV

**Units: 5**

Class conducted in Spanish. Major emphasis on increased vocabulary and review of grammatical structures. Development of ability to create imaginative dialogue. Weekly conversation groups. Introduction to the study of literature through poems and short stories.

**Prerequisite Required:** Completion of SPAN& 123 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Humanities General



## SPAN& 222 Spanish V

**Units: 5**

Class conducted in Spanish. Continues review of grammar, development of practical vocabulary and discussion of poems and short stories. Weekly conversation groups.

**Prerequisite Required:** Completion of SPAN& 221 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Humanities General

## SPAN& 223 Spanish VI

**Units: 5**

Class conducted in Spanish. Conversation class for advanced-intermediate students. Integration of skills developed in previous quarters. Emphasis on group work and conversational skills/techniques. Presentations in Spanish and weekly conversation groups.

**Prerequisite Required:** Completion of SPAN& 222 or equivalent with a grade of 2.0 or better.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Humanities General

## Study Skills

### STYSK 99 College Study Skills Seminar

**Units: 2**

Students learn techniques for studying successfully in their college courses. Techniques may include time management, reading and writing methods, note-taking, test-taking and memorization skills. Students practice these skills using materials from other classes during the quarter.

**Grading Basis:** Pass/Not Pass

**Course Typically Offered:** Fall, Winter

### STYSK 100 Academic Success Strategies

**Units: 1-5**

Students learn techniques for studying successfully in their college classes. Techniques may include reading strategies, information-gathering, note-taking, writing-to-learn and improving memory. Students will practice these skills using materials from their other classes.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Elective

### STYSK 297 Individual Project in Study Skills

**Units: 1**

**Grading Basis:** Graded

**Course Typically Offered:** Fall, Winter

## Visual Communications Technology

### VCT 101 Graphic Design 1: Typography

**Units: 5**

Course introduces Graphic Design with emphasis on typography, including type origins, anatomy, attributes, categories and usage. Course includes projects with critique and analysis, an introduction to graphic design history, an exploration of gestalt laws, grid systems, layout fundamentals and use of color. No prereqs.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 102 Graphic Design II: Identity and Logo Design

**Units: 5**

Introduces Graphic Design concepts and methods used in page layout for print and web. Explores marketing principles and strategies, ad layout models, art direction, campaign development and production issues.

**Prerequisite Required:** VCT 101 (2.0 minimum), or instructors permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 103 Graphic Design 3: Identity & Branding

**Units: 5**

Course continues the study of principles and theories of design concept development with emphasis on visual identity. Logo design is introduced as the visual distillation of the message. Other topics include figure/ground relationships, recognition, color schemes and production issues.

**Prerequisite Required:** VCT 101 and VCT 102 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 112 Visual Communications Survey

**Units: 5**

A survey of the visual design industry and production processes for print, web, video, animation, multimedia and game design.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 124 Basic Mac & PC Systems

### Units: 2

An introductory course in the fundamental operations and uses of the Macintosh and PC computer. Students learn how to efficiently use the current operating system as related to visual communications design and production. No prerequisites. (Call 206.546.4671 or email vct@shoreline.edu, to test out of this class.)

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 125 Intro to Image Construction, Editing & Output

### Units: 3

Introduces current information, tools and techniques used to create digital materials for a variety of visual communications applications. Highlights digital image attributes including: resolution, color modes, editing, file formats and output.

**Prerequisite Required:** Completion of VCT 124 with a 2.0 or higher, or instructor permission.

**Grading Basis:** Student Option

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 134 Adobe: Illustrator (Vector Graphics)

### Units: 5

This course introduces digital illustration for print, web, and multimedia, using vector-based software. Students will develop problem-solving skills related to illustration techniques and software by producing industry-level projects.

**Prerequisite Required:** VCT 124 (2.0 minimum) and VCT 125 (2.0 minimum), or instructors permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 135 Adobe: Animation/Interactive Media

### Units: 5

This course introduces practice and theory in creating 2D animation projects. Students develop skills using industry software and interactive media.

**Prerequisite Required:** VCT 124 (2.0 minimum), VCT 125 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission. (VCT 134 suggested)

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 136 Adobe: Raster Graphics w/Photoshop

### Units: 5

This course introduces bitmap image editing, illustration and compositing using industry standard software to create content for print, web, 2D, 3D and multimedia. Non-destructive digital imaging techniques and workflows emphasize layers, masks and adjustments.

**Prerequisite Required:** VCT 124 (2.0 minimum) and VCT 125 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 155 Digital Printing & Project Management

### Units: 5

This course explores traditional and digital printing processes and technology, and, the basics of creative project management. Topics include large format graphics, digital presses, color management, and numerous project management issues.

**Prerequisite Required:** Completion of VCT 112, VCT 124, VCT 125, and VCT 136, each with a grade of 2.0 or higher, or instructor permission.

**Grading Basis:** Student Option

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 170 Adobe: Interactive/Web Design

### Units: 5

This course introduces web design, HTML, and CSS as well as topics such as usability, grids and web standards. Students apply standard design principles in the creation of interactive web page layouts.

**Prerequisite Required:** VCT 124 (2.0 minimum) and VCT 125 (2.0 minimum), or instructor permission. (VCT 136 recommended.)

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

## VCT 173 Introduction to UX/UI Design

### Units: 4

Introduction to the concepts and applications of user experience and user interface design. Topics include user-centered design, usability, accessibility, design patterns, user research and design iteration in the production of an interactive prototype of a new or currently existing app, website or game user interface in a team-based format.

**Prerequisite Required:** VCT 125, VCT 134, VCT 136, or VCT 170 or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

### VCT 176 Introduction to 3D Modeling and Animation

#### Units: 5

This course introduces students to the world of 3D with entry-level software. Students will learn the basics of 3D modeling and animation without the steep learning curve that exists with some high-end 3D authoring tools. Foundational concepts and skills taught in this course are transferable to all 3D software programs. No prerequisites.

**Grading Basis:** Student Option

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 190 Internship in Visual Communications

#### Units: 1-5

Application of visual communication techniques and theories in an off-campus production environment. Site approval must be obtained by student. Course may be repeated.

**Prerequisite Required:** Completion of at least 45 credits in ART/VCT and instructor's permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 199 Visual Communications Study Center

#### Units: 1-5

Students complete supplemental study projects for Visual Communications to support their progress in the VCT program. This course may be taken multiple times for credit. Continuous enrollment is allowed for this class.

**Prerequisite Required:** VCT 124 or equivalent and VCT 125 or equivalent.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 204 Graphic Design 4: Packaging & Event Graphics

#### Units: 5

Explores graphic design principles used in product packaging, environmental graphics, point of purchase displays and event booth signage with an adherence to a standardized design process.

**Prerequisite Required:** VCT 103 (2.0 minimum), VCT 134 (2.0 minimum) and VCT 136 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 205 Specialization: Design Studio/Portfolio 5

#### Units: 4

Students explore portfolio development as they pursue an individual direction, producing new design solutions and reworking existing projects. Hard copy and digital formats of finished portfolios are created.

**Prerequisite Required:** VCT 204 (minimum 2.0) or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 206 Specialization: Design Studio/Portfolio 6

#### Units: 4

Students continue exploring portfolio development as they pursue an individual direction, producing new design solutions and reworking existing projects. Hard copy and digital formats of finished portfolios are created.

**Prerequisite Required:** VCT 205 (minimum 2.0) or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 207 Specialization: Design Studio/Portfolio 7

#### Units: 4

Students continue exploring portfolio development as they pursue an individual direction, producing new design solutions and reworking existing projects. Hard copy and digital formats of finished portfolios are created.

**Prerequisite Required:** VCT 206 (minimum 2.0) or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 215 Specialization: Adobe Studio/Portfolio 1

#### Units: 4

Students explore visual design software as they pursue an individual direction, using online training modules for Adobe software to produce portfolio material.

**Prerequisite Required:** Completion of VCT 102, VCT 134, VCT 135, VCT 136, and VCT 176, each with a grade of 2.0 or higher, or instructor approval.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 216 Specialization: Adobe Studio/Portfolio 2

#### Units: 4

Students continue exploration and skills development as they pursue an individual direction, using online training modules for Adobe software to produce portfolio material.

**Prerequisite Required:** Completion of VCT 102, VCT 134, VCT 135, VCT 136, and VCT 176, each with a grade of 2.0 or higher, or instructor approval.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 217 Specialization: Adobe Studio/Portfolio 3

#### Units: 4

Students complete their exploration and skills development in this final course in the sequence, using online training modules for Adobe software to produce portfolio material.

**Prerequisite Required:** Completion of VCT 216 with a grade of 2.0 or higher, or instructor approval.

**Grading Basis:** Student Option

**Course Typically Offered:** Fall, Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 225 Specialization: Interactive Web/Studio 1

#### Units: 4

Students explore web/interactive design as they pursue an individual direction, using online training modules for HTML, CMS, CSS, Javascript and other Web/interactive authoring applications.

**Prerequisite Required:** VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 170 (2.0 minimum), VCT 176 (2.0 minimum), or instructors permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 226 Specialization: Interactive Web/Studio 2

#### Units: 4

Students continue exploration and skills development as they pursue an individual direction, using online training modules for HTML, CMS, CSS, Javascript and other Web/interactive authoring applications.

**Prerequisite Required:** VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 170 (2.0 minimum), VCT 176 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 227 Specialization: Interactive Web/Studio 1

#### Units: 4

Students complete exploration of interactive design as they pursue an individual direction, using online training modules for HTML, CMS, CSS, Javascript and other Web/interactive authoring applications.

**Prerequisite Required:** VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 170 (2.0 minimum), VCT 176 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 230 History of Visual Media

#### Units: 5

This course includes foundational history about visual design, yet focuses on specific historical highlights of graphic design, printing technology, multimedia and game design. No prerequisites.

**Grading Basis:** Student Option

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 235 Specialization: Autodesk/3D Studio/Game Design 1

#### Units: 4

Students explore and develop skills as they pursue an individual direction, using online training modules for Autodesk or other 3D software to produce portfolio material.

**Prerequisite Required:** VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 176 (2.0 minimum), or instructors permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 236 Specialization: Autodesk/3D Studio/Game Design 2

#### Units: 4

Students continue exploration and skills development as they pursue an individual direction, using online training modules for Autodesk or other 3D software to produce portfolio material.

**Prerequisite Required:** VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 176 (2.0 minimum), or instructors permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 237 Specialization: Autodesk/3D Studio/Game Design 3

#### Units: 4

Students complete their exploration and skills development in this final course in the sequence, using online training modules for Autodesk or other 3D software to produce portfolio material.

**Prerequisite Required:** VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 176 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 245 Specialization: Video/Visual Effects Studio 1

#### Units: 4

Students explore an individual direction using online training modules for video and effects software to produce portfolio material.

**Prerequisite Required:** VCT 267 (2.0 minimum) or VCT 268 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 246 Specialization: Video/Visual Effects Studio 2

#### Units: 4

Students continue exploration of an individual direction, using online training modules for video and effects software to produce portfolio material.

**Prerequisite Required:** VCT 245 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 247 Specialization: Video/Visual Effects Studio 3

#### Units: 4

Students complete exploration of an individual direction, using online training modules for video and effects software to produce portfolio material.

**Prerequisite Required:** VCT 246 (2.0 minimum), or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 251 Game & Interactive Design

#### Units: 5

Course explores the process and theory of game design and interactive experience design. Students learn and practice an industry-standard design process to produce digital prototypes of games focusing on the conceptual development of interactive content. No prerequisites.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 252 Introduction to Game Art

#### Units: 5

Course provides the foundation for understanding the essential vocabularies, principles and concepts in game art. Students practice workflow skills for conceptual game art development. Course covers game art styles, hand-and digital-rendering skills, lighting and perspective in creating game characters, backgrounds and props.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 253 Introduction to Game Development

#### Units: 5

Course focuses on the construction of interactive 3D game levels by combining 3D models, sound, animations and scripts in a game engine application. Various genres of games are analyzed, including first-person shooter, strategy, racing and hidden object games.

**Prerequisite Required:** Completion of VCT 251 and VCT 252, each with a grade of 2.0 or higher, or instructor permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 267 Avid Media Composer Lab

#### Units: 1-3

Intensive video editing lab with Avid Media Composer. remove dual listing

**Prerequisite Required:** FILM 265 or FILM 266 or instructor's permission.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Humanities - Performance

### VCT 268 Editing Software Lab

**Units: 3**

Intensive video editing lab with Media Composer, Final Cut Pro or Premiere (depending on quarter). To be taken after completion of FILM 265 to gain experience with a second or third editing platform. Course may be repeated.

**Prerequisite Required:** FILM 265.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 270 Specialization: Interactive Web/Studio 1

**Units: 4**

Students explore skills development as they pursue an individual direction, using online training modules for HTML, CMS, CSS, Javascript, and other Web/interactive authoring applications.

**Prerequisite Required:** VCT 170.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 274 Flash 2: Interface Design

**Units: 4**

This course introduces students to user-interface screen design for rich-media applications such as CD, DVD, web, kiosk and handheld devices. Students gain experience with animation technologies and software while focusing on visual communications concepts and project development.

**Prerequisite Required:** VCT 124 (or equivalent) and VCT 125 (or equivalent) and VCT 134 and VCT 135, or portfolio review. Instructor permission required.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 276 3D Modeling & Animation with Maya

**Units: 5**

Course covers the extensive capabilities of Maya as the art and entertainment industry standard for 3D digital content creation. Students learn modeling techniques using polygons and NURBS. Texturing, animation and rendering are also highlighted.

**Prerequisite Required:** VCT 134 (2.0 minimum), VCT 136 (2.0 minimum) and VCT 176 (2.0 minimum) or instructor permission with portfolio review.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 277 3D Animation with Maya

**Units: 4**

This course focuses on planning and producing high-quality 3D animation for use in multimedia, web, kiosk, mobile devices and video applications. Students use a variety of animation techniques to create realistic movement.

**Prerequisite Required:** VCT 276 and instructor signature, or instructor permission with portfolio review.

**Grading Basis:** Student option grading

**Course Typically Offered:** Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 278 Animating and Compositing with AfterEffects

**Units: 4**

Course provides theory and practice in using AfterEffects for compositing, animation and motion graphics.

**Prerequisite Required:** Completion of VCT 134 and VCT 136, each with a grade of 2.0 or higher, or instructor approval.

**Grading Basis:** Graded

**Course Typically Offered:** Winter

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 291 Special Topics in VCT

**Units: 1**

Classes focusing on specific issues and/or topics of interest in Visual Communications Technology.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 292 Special Topics in VCT

**Units: 2**

Classes focusing on specific issues and/or topics of interest in Visual Communications Technology.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 293 Special Topics in VCT

**Units: 3**

Classes focusing on specific issues and/or topics of interest in Visual Communications Technology.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 294 Special Topics in VCT

**Units: 4**

Classes focusing on specific issues and/or topics of interest in Visual Communications Technology.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

### VCT 295 Special Topics in VCT

**Units: 5**

Classes focusing on specific issues and/or topics of interest in Visual Communications Technology.

**Grading Basis:** Graded

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**VCT 297 Individual Project VCT****Units: 1**

Individual project in a specific area of VCT. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**VCT 298 Individual Project-VCT****Units: 2**

Individual project in a specific area of VCT. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

**VCT 299 Individual Project-VCT****Units: 3**

Individual project in a specific area of VCT. By arrangement with instructor.

**Prerequisite Required:** Instructor permission, based on evaluation of students' educational and work experience.

**Grading Basis:** Student option grading

**Course Typically Offered:** Summer, Fall, Winter, Spring

**This course fulfills a distribution requirement for:** Restricted Transfer

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# Revisions and Errata

The information below reflects corrections and updates made to this catalog after initial publication. The changes documented on this page indicate areas where current information on the website (<http://www.shoreline.edu>) differs from this publication.

Revision date	Page	Section	What changed
9/12/2024	2 and 383	Added a Revisions and Errata section	<ul style="list-style-type: none"> <li>Added Revisions and Errata to Table of Contents</li> <li>Added Revisions and Errata section to catalog</li> </ul>
9/12/2024	163-164	Nursing 10-Quarter Option, AAS-T Planning Guide	<ul style="list-style-type: none"> <li>10 Quarter Option Requirements revised to 72-72.5 credits</li> <li>Course NURS 216 no longer required in 10<sup>th</sup> Quarter</li> <li>Total length of program revised to 117-117.5 credits</li> </ul>
9/18/2024	121-122	Business Intelligence and Data Analytics AAAS Planning Guide	<ul style="list-style-type: none"> <li>Total length of program revised to 92 credits</li> <li>Removed Human Resources (BUS 105) requirement</li> <li>Revised Multicultural Understanding requirement to only BUS 103</li> <li>Added MATH&amp; 141 as an option for Quantitative/Symbolic Reasoning requirement</li> <li>Removed ACCT&amp; 201 from Business Requirements</li> <li>Added BUS 290 to Business Requirements</li> </ul>