About This Catalog

Welcome to the Shoreline Community College Online Catalog

In this catalog you can find information about Shoreline's academic programs, degrees, certificates, and courses. The dynamic online format is designed to help you find the information you need to help you attain your educational goals at Shoreline.

Use the navigation menu on the left to access different sections of the catalog.

Course descriptions are in alphabetical order by course number and can be searched. Any time a course is listed in the catalog, you can click the course name to read more about the course and when it is typically offered.

All program options are listed by area of study as well as by degree and certificate type. For any selected program option, click the Print Degree Planner icon in the top right-hand corner for a formatted, printable version of information on that page.

You can also take advantage of the **My Program Planner** tool located at the bottom of the navigation menu. With the Program Planner, program options, degrees, certificates, and course information can be saved for later review. Use the Star icon to save items to the Program Planner.

In addition to a complete listing of Shoreline's academic offerings, this catalog provides a guide to resources available to student in the following sections:

Student Services

Other College Services

About this Catalog

This publication is available in alternate formats by contacting Student Accessibility Services at (206) 546-4545 or (206) 546-4520 (TTY).

Every effort has been made to assure 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.

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.

DISCLAIMER
The College reserves the option to amend, modify, or revise any provision of this catalog for the following reasons, including but not limited to:
1. A lack of funds to operate a program or course;
2. Unavailability of instructors;
3. A change in administrative or Board of Trustees' policy; or
4. A change in the laws, rules, or regulations of the state of Washington that govern the operation of community colleges.

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 regarding the award of student financial assistance.

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Message from the President

Welcome Bienvenidos, እንኳን ደኽና መጣህ/ሽ, 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.

Change Cambio መለወጥ 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.

Transitions Transiciones ሽግግሮች 过渡

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.

Support Apoyo ድጋፍ 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.

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

Calendar

2022-2023 Academic Calendar

	Fall 2022	Winter 2023	Spring 2023	Summer 2023
New Student Registration Begins	May 23	Nov 21	Mar 6	May 22
Continuing Student Registration Begins	May 16-20	Nov 14-18	Feb 27-Mar 3	May 15-19
Last Day for 100% Refund	Oct 4	Jan 13	Apr 7	Jun 29
First Day of Instruction	Sept 28	Jan 9	Apr 3	Jun 26
Automatic Waitlists Turned Off	Sept 30	Jan 11	Apr 5	Jun 28
Last Day to Add a Class	Oct 4	Jan 13	Apr 7	Jun 29
Last Day to Make Schedule Changes Online	Oct 4	Jan 13	Apr 7	Jun 29
Late Enrollment - Requires Instr. & Dean Permission *	Oct 5-11	Jan 17 - 23	Apr 10 - 14	Jun 30 - Jul 5
$15.00 Add/Drop Fee Begins - "W" Begins	Oct 12	Jan 24	Apr 17	Jul 6
Last Day for 50% Refund	Oct 18	Jan 30	Apr 24	Jul 12
Last Day to Submit Pass Option Forms	Nov 1	Feb 13	May 8	Jul 20
Drops Show on Record as "W"	Oct 12-Nov 9	Jan 24-Feb 22	Apr 17-May 16	Jul 6-27
Last Day "W" Grade is Issued	Nov 9	Feb 22	May 16	Jul 27
Last Day to Change To/From Audit	Nov 9	Feb 22	May 16	Jul 27
Last Day of Instruction	Dec 9	Mar 20	Jun 12	Aug 17
Application for Graduation Due Date	Oct 14	Feb 17	Apr 14	Jul 13
Prep Day (No Classes)	Dec 12	Mar 21	June 13	n/a
Final Exams	Dec 13, 14, 15	Mar 22, 23, 24	Jun 14, 15, 16	Aug 17
Grades Available	Dec 21	Mar 29	Jun 21	Aug 23
* Late enrollment will be granted only in rare and unusual circumstances				

Note: Dates above may change. The most current information can be found on our website at: https://www.shoreline.edu/apply-and-aid/documents/important-dates.pdf

Holiday Campus Closures				
	Fall 2021	Winter 2022	Spring 2022	Summer 2022
Labor Day	Sept 5			
Veteran's Day	Nov 11			
Thanksgiving Holiday	Nov 24			
Native American Heritage Day	Nov 25			
Christmas (observed)	Dec 26			
New Year's Day (observed)		Jan 2		
Martin Luther King Jr Day		Jan 16		
Presidents' Day		Feb 20		
Memorial Day			May 29	
Juneteenth				June 19
Independence Day				July 4

About Shoreline

The College

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. The grounds once served as a special place to the Duwamish Tribe for gathering traditional foods in ways that increased the bounty of the land. Nestled among native evergreens, the 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 an exercise room and racquetball courts, a childcare center, and the Ray W. Howard Library/Technology Center.

Established in 1964, Shoreline Community College operates under the regulations of the Washington State Board for Community and Technical Colleges and is 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 Community College is accredited by the Northwest Commission on Colleges and Universities.

Accreditation of an institution of higher education by the Northwest Commission on Colleges and Universities indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Northwest Commission on Colleges and Universities is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution. Inquiries regarding an institution's accredited status by the Northwest Commission on Colleges and Universities should be directed to the administrative staff of the institution. Individuals may also contact:

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

Accreditation by the Northwest Commission on Colleges and Universities refers to the institution as a whole. Therefore, statements like "fully accredited" or "this program is accredited by the Northwest Commission on Colleges and Universities" or "this degree is accredited by the Northwest Commission on Colleges and Universities" are incorrect and should not be used.

Specific programs are accredited by the Accreditation Commission for Education in Nursing, the Commission on Dental Accreditation, Commission on Accreditation of Health Informatics and Information Management Education, and the National Accrediting Agency for Clinical Laboratory Sciences. The Automotive Program is accredited by the National Automobile Technicians Education Foundation.

Academic Calendar

Shoreline Community College operates a year-round academic calendar comprised of three (3) 11-week quarters during fall, winter, and spring, and one (1) 8-week quarter during the summer. Courses are also offered in the evenings and on weekends. Class schedules are published each quarter listing the dates, times, and locations of classes. These schedules are available approximately two weeks prior to the start of registration.

Community Standard

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. We 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.

Non-Discrimination

Shoreline Community College provides equal opportunity in education and employment and does not allow discrimination or harassment on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal.

The following department has been designated to handle inquiries regarding non-discrimination policies:

Shoreline Community College Human Resources
16101 Greenwood Ave N
Shoreline, WA 98133
Telephone: 206-546-4769
E-Mail: scchr@shoreline.edu

Vision

We are recognized for inclusive excellence in teaching and learning, student success, and community engagement.

Mission

We serve the educational, workforce, and cultural needs of our diverse students and communities.

Core Themes

1. **Transfer Education**
   Shoreline Community College provides access to education and supports success for learners seeking to transfer to four-year programs of study.

2. **Professional Technical Education**
   Shoreline Community College provides access to education and supports success for learners seeking to expand their employment opportunities.

3. **Basic Education for Adults**
   Shoreline Community College provides access to education and supports success for learners seeking to gain basic skills, including English language acquisition, to transition to college and/or career.

4. **Community Education and Training**
   Shoreline Community College provides access to educational services to serve the cultural needs of its diverse communities.

Values

Respect
Inclusion
Student Engagement

Strategic Plan

Shoreline Community College's strategic plan, the result of internal self-assessment and long discussion, reflects the College's core values for student success and academic excellence. These values are the foundation that sets the College's direction for the coming years.

Goal 1.

We attract students and community learners and ensure successful attainment of their goals through our programs, services, and teaching and learning environments.

Strategies

A. Develop a robust method for ongoing student learning outcomes assessment at the College.
B. Engage in comprehensive strategic enrollment management, encompassing the entire student experience, from the moment students aspire to attend college to the moment they attain their educational goals.
C. Create physical spaces and employ technologies that enhance student learning.
D. Cultivate intellectual and cultural vitality to invigorate and engage our College and communities.
E. Clearly communicate to internal and external communities the educational experience that they can expect from Shoreline Community College.

Goal 2.

We continually strive for disciplined excellence and focused improvement in all that we do.

Strategies

A. Engage in an ongoing, data-informed cycle of academic program review that allows for agile changes in program offerings with a focused, creative mindset.
B. Streamline processes throughout the College with a focus on standardizing routine processes and innovating around processes that add value to the student experience.
C. Invest in professional learning for faculty and staff to support continuous improvement and implementation of this strategic plan.
D. Invest in high-impact teaching practices for student learning.
E. Implement consistent, effective engagement and communications practices.
F. Develop and support innovation that serves our students and communities.

Goal 3.

We ensure that a climate of intentional inclusion permeates our decisions and practices, which demonstrate principles of ecological integrity, social equity, and economic viability.

Strategies

A. Engage in ongoing, deliberate conversation and mindful discovery about our shared purpose and differences as we conduct our daily work.
B. Develop and maintain a framework to ensure that ecological integrity guides our practices.
C. Develop multicultural and global competencies to help us live the principles of social equity in an increasingly interdependent world.
D. Pursue and obtain sufficient resources to fulfill the College's mission, and allocate those resources effectively in order to ensure economic viability in the implementation of this strategic plan.

Shoreline Community College is ready to meet the challenges of our changing economy and is deeply committed to satisfying the educational needs of our students.

General Education Outcomes

Shoreline's General Education curriculum is built on a unique set of outcomes designed to provide our students with the skills, knowledge, and awareness they will need to make informed decisions, lead healthy and productive lives, and contribute to the global community as lifelong learners. Through various experiences in many different courses, students learn to place their personal knowledge in a wider framework, to expand their understanding of themselves and others, and to integrate their learning across traditional subject boundaries. The curriculum emphasizes strong skills in communication and analytic thought, as well as broad knowledge in the major areas of human learning: math and science; social sciences; and arts and humanities.

- **Quantitative and Symbolic Reasoning**
  Students will demonstrate college-level skills and knowledge in applying the principles of mathematics and logic.
- **Communication Skills**
  Students will read, write, speak in, and listen to college-level English. Effective communication incorporates awareness of the social nature of communication and the effects of ethnicity, age, culture, gender, sexual orientation, and ability on sending and receiving oral, non-verbal, and written messages.
- **Multicultural Understanding**
  Students will demonstrate understanding of issues related to race, social class, gender, sexual orientation, disabilities, and culture and the role these issues play in the distribution of power and privilege in the United States.
- **Information Literacy**
  Students will access, use, and evaluate information in a variety of formats, keeping in mind social, legal, and ethical issues surrounding information access in today's society.
- **General Intellectual Abilities**
  Students will think critically within a discipline, identify connections and relationships among disciplines, and use an integrated approach to analyze new situations.
- **Global Awareness**
  Students will demonstrate understanding and awareness of issues related to, and consequences of, the growing global interdependence of diverse societies by integrating knowledge from multiple disciplines. Students will describe how social, cultural, political, and economic values and norms interact.

These General Education outcomes are broad statements of what students should ideally be able to do after completing Shoreline's Associate in Arts or Associate in Science degrees. The College is committed to providing each student with the opportunity to attain these outcomes; however, individual attainment within and among the outcome areas will vary according to each student's ability, readiness, and level of commitment. The outcomes are also integrated as appropriate within the degrees and certificates offered through each of the college's professional-technical programs.

About Our Programs

Programs of Study: Overview

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

- **Transfer:** For students who intend to continue their studies at a 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 basic skills, completing a high school degree, and/or preparing for college-level work

Transfer Programs

Shoreline Community College is fully accredited by the Northwest Commission on Colleges and Universities (NWCCU), as well as by several discipline-related bodies. The College has completed numerous evaluation processes and has been recognized for performance, integrity, and quality. This is important information for students who plan to transfer credits to other colleges.

Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policy and transferability should never be assumed. Students should be aware that courses with "Pass" grades may not satisfy requirements in their major field. Students are responsible for knowing transfer requirements and policies, and they are urged to consult with the institution to which they plan to transfer.

Many transfer institutions expect students to be "major ready" by the time they transfer. This means that students need to declare their majors shortly after transfer and carefully plan which courses will meet their distribution requirements, as well as meet the admission requirements for a particular field of study. For example, students who wish to major in business will need to include additional math, economics, and accounting sequences in their coursework. Students are strongly encouraged to meet with their community college advisor, as well as an advisor from their transfer institution, to verify their choices.

In most cases, universities will accept 90 credits from transfer. Shoreline is a member of the Inter-College Relations Commission (ICRC), and our AA-DTA, AS-T, and MRP degrees comply with ICRC recommendations for transfer degrees within Washington. Colleges and Universities participating in ICRC use common course numbering. Courses that include an ampersand '&' are considered equivalent and transferable between these schools.

Transferring to Another Institution

To transfer successfully to another institution, students are encouraged to:

1. Consult with an advisor to determine the best program or degree options for their academic and career goals, and develop an educational plan.
2. Obtain a current catalog or visit the website of the receiving transfer institution to determine both admission and graduation requirements for the college or university, as well as admission and graduation requirements for the major or professional program.
3. Confer with an admissions officer or academic advisor at the school where you want to transfer for information regarding admissions requirements, graduation requirements, and transfer policies.
4. Check a quarter or two before graduation to ensure all requirements will be met before transferring.

Direct Transfer Agreement

An agreement has been developed between Washington State Community and Technical Colleges and participating baccalaureate institutions called the direct transfer agreement (DTA). The DTA Associate degrees are recognized as fulfilling most, if not all, of the general education requirements at the baccalaureate institution. Students who complete a DTA will normally be granted junior standing upon admission. Students should check with their intended transfer institution for further details regarding any additional general education, major prerequisites, and admission requirements.

The baccalaureate (four-year) colleges and universities in Washington State listed below subscribe to the Inter-college Relations Commission's (ICRC) Guidelines for Direct Transfer Agreement (DTA). This list is subject to change. See your advisor for updated information and details of transfer.

Bastyr University
Central Washington University
City University
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

To prepare students for transfer into specific academic majors, community colleges and baccalaureate institutions in Washington State developed Major Related Programs to provide consistency in prerequisite courses required for admission to common majors. Major Related Programs (MRP) follow either the AA-DTA or AS-T guidelines.

Currently, Shoreline Community College recognizes Major Related Programs in Business; Construction Management; Pre-Nursing; Bioengineering and Chemical Engineering; Computer and Electrical Engineering; and Mechanical/Civil/Aeronautical/Industrial/Material Science Engineering.

First-Year Experience Seminar

The First-Year Experience Seminar (FYES) engages students in acquiring general skills that will support their success throughout their college career. The outcomes of the seminar focus on:

a. learning how to use college resources effectively;
b. gaining skills in self-management such as self-reflection, motivation, organization, time management, and self-care;
c. practicing college success strategies to prepare for class, meet course requirements, study effectively, and apply multicultural understanding; and
d. constructing a plan to meet your educational, personal, and career goals.

Currently, the First-Year Experience Seminar can be taken as part of Human Development 101: College Orientation & Success or embedded within certain introductory classes.

Interdisciplinary Studies

Shoreline's Interdisciplinary Studies allow students to discover, explore, and connect, while fulfilling graduation requirements in an alternative way. These courses integrate two or more subjects into one class that focuses on a common theme. Two or more instructors team teach these Interdisciplinary Studies courses, so students get to explore issues or problems through multiple perspectives. Interdisciplinary Studies courses come in many forms. Some courses may combine three or more disciplines, giving students a full-time load. Other courses may provide students with ten, eight, or five credits.

The Honors College at Shoreline

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

The Honors College at Shoreline Community College offers unique curriculum, opportunities to work directly with faculty on projects of interest, and a community of scholars where students can share ideas. Students will receive additional guidance to prepare for successful transfer to preferred four-year colleges or universities. Students will also have the option of participating in a special research track of honors courses that will prepare them to think critically and communicate effectively regarding a special topic of their choosing. Admission to the program is selective and assesses the holistic student, to include previous academic performance, character, and determination. Applications are accepted on an ongoing basis from both new and continuing students. Students interested in applying can do so by filling out a Shoreline Community College application, as well as an Honors application at: shoreline.edu/honors.

Inter-College Reciprocity Agreement

Washington State Community and Technical Colleges have developed a policy for reciprocity of transfer coursework among colleges. The colleges recognize that students transfer among colleges and it is important to ensure that students are not penalized by the differences in the specific requirements imposed by individual campuses within the general guidelines of the transfer degrees (AA-DTA and AS-T) in the state.

If a student transfers an individual course that meets a Communication Skills, Quantitative Skills, Multicultural Studies, or Distribution requirement at the sending college for a specific transfer degree, that course is considered to have met that requirement at the receiving college for a similar transfer degree, even if this course does not have an exact equivalent and even if the course credit is awarded through prior learning credit.

It is the student's responsibility to initiate the reciprocity process and to gather appropriate documentation as needed. To be eligible for reciprocity, students need to have:

1. Applied for admission to Shoreline Community College;
2. Completed course work at another institution that meets the Communication Skills, Quantitative Skills, Multicultural Studies, or Distribution requirement in the AA-DTA or AS-T degree;
3. Maintained a cumulative college-level GPA of 2.0 or better at the previous college.
4. Met the previous college's residency requirement;
5. Continued to pursue a transfer degree (AA-DTA or AS-T) at Shoreline Community College; and
6. Provided all necessary documentation to Enrollment Services.

Transcripts from Shoreline will include notation of requirements met by reciprocity. Notations will include the name of the previous institution.

Transfer Rights and Responsibilities

Student Rights and Responsibilities

1. 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.
2. Transfer and freshman-entry students have the right to expect comparable standards for regular admission to programs and comparable program requirements.
3. Students have the right to seek clarification regarding their transfer evaluation and may request the reconsideration of any aspect of that evaluation. In response, the college will follow established practices and processes for reviewing its transfer credit decisions.
4. Students who encounter other transfer difficulties have the right to seek resolution. Each institution will have a defined process for resolution that is published and readily available to students.
5. Students have the responsibility to complete all materials required for admission and to submit the application on or before the published deadlines.
6. 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.
7. When a student changes a major or degree program, the student assumes full responsibility for meeting the new requirements.
8. Students who complete the general education requirements at any public four-year institution of higher education in Washington, when admitted to another public four-year institution, will have met the lower division general education requirements of the institution to which they transfer.

College and University Rights and Responsibilities

1. Colleges and universities have the right and authority to determine program requirements and course offerings in accordance with their institutional missions.
2. 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.
3. Colleges and universities have the responsibility to communicate their admission and transfer-related decisions to students in writing (electronic or paper).

** From the Washington Council for High School College Relations' Intercollege Relations Commission handbook.*

Professional-Technical Programs

Shoreline's professional-technical programs are designed for students who intend to gain specialized knowledge and skills to prepare to enter a specific occupational field, or enhance existing skills while already employed.

Although the primary purpose for Shoreline's professional-technical education programs is gainful employment after program completion, some graduates decide to transfer to four-year colleges to continue studying in their chosen fields. The college or university to which the student is transferring will determine if the credits earned in the professional-technical program may be counted toward a baccalaureate degree at that institution.

Associate in Applied Science-Transfer (AAS-T)

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

Associate in Applied Arts and Sciences (AAAS)

The AAAS degree is designed primarily to prepare students for successful employment in a professional or technical area. This degree is not intended to transfer to a four-year college or university, however there are some transfer-eligible AAAS degrees. This degree requires a minimum 90 credits and a minimum 2.0 college level GPA. Shoreline offers AAS degrees in a variety of fields.

Certificate of Proficiency (CP)

The college awards a CP to a student who completes a professional-technical education program between 45 and 89 credits. Each program consists of at least three quarters and has specific requirements. Students must achieve a minimum average GPA of 2.0 or better for the entire program, and some programs require a 2.0 GPA in each course.

Certificate of Completion (CC)

The college awards a CC to each student who completes a professional-technical education program requiring between 20 and 44 credits. These programs include between one and three

quarters of study and have specific requirements. Some programs require a 2.0 GPA in each course.

Short-Term Certificate of Completion (CC-ST)

Short-term training programs consist of 19 credits or fewer. These programs generally include at least one quarter of study. Students must achieve a GPA of 2.0 or better for the entire program.

High School Programs

High School Completion

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

Students may be able to earn a high school diploma from Shoreline by completing classes through this program. A Shoreline 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 who are Running Start or are sixteen years or older and complete an associate degree (transfer or professional-technical) from Shoreline may receive a high school diploma even if they have not otherwise met the high school graduation requirements. The student must provide the college a written request to receive a high school diploma.

Center for Education and Career Opportunities (CECO)

The Center for Education and Career Opportunities (CECO) program offers out-of-school youth a chance to go back to school without charge in a fresh environment. Individualized support services are provided to meet students' educational and career goals, with high school and more, college and more, and career and more. The program is available to 16- to 21-year-olds who left high school prior to earning a diploma. Funding is provided in partnership with the Office of the Superintendent of Public Instruction and Lake Washington Institute of Technology. The CECO program is coordinated with King County and is composed of both Secondary (high School) and Post-Secondary (College) pathways.

CECO – Post-Secondary

(206) 546-7844 • 5000 Building (FOSS), First floor
https://www.shoreline.edu/high-school-programs/ceo/

Through CECO Post-Secondary, students enhance life skills, learn college success strategies and pursue the educational goal of their choice. Students may pursue an associate degree to prepare for either a career or further studies at a four-year college. Many students also simultaneously work toward a GED certificate, high school diploma or professional-technical certificate. The program provides tuition, books, supplies, transportation assistance, and tutoring. Additional support services may be available on an individual basis.

CECO - Secondary

(206) 533-6733 • 2900 Annex, Second Floor
https://www.shoreline.edu/high-school-programs/lcn/default.aspx

The CECO Secondary program serves youth who want to attain their GED and go on to college and/or employment. The program also provides assistance with placement, internships, and employment. The site has a GED and basic skills classroom, a computer lab, employment services, case management, and career and educational planning. Secondary enrolls students on a weekly basis. Services include individualized instruction, internships, and computer software and hardware skills.

High School+/GED Test Preparation

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

Shoreline Community College offers students enrolled in Adult Basic Education (ABE) courses the opportunity to earn credits toward an official Washington State high school diploma. Credits can be awarded by documenting prior academic records, work experience, and meeting competency in academic areas through ABE courses. Some students may also use ABE courses to prepare for the GED (General Education Development) test. Tuition for either program is $25 per quarter and a low-income tuition waiver is available.

Running Start

(206) 546-4559 • 5000 Building (FOSS), Room 5229
https://www.shoreline.edu/high-school-programs/running-start/

High school juniors and seniors may qualify to participate in the Shoreline Community College Running Start program and earn college credit while simultaneously completing their high school graduation requirements. To qualify for the program, high school students must provide proof of English 101 placement. If students would like to take any math courses, or any other courses for which math is a prerequisite, they may also need to show proof of placement.

Running Start students who satisfactorily meet the College's Associate degree requirements will be awarded a Shoreline Community College degree and, upon written request, may be awarded a Washington State high school diploma from the College.

Career and Technical Education Dual Credit Agreement

(206) 546-7618 • 5000 Building (FOSS), Room 5101
techprepcc.org

Career and Technical Education (CTE) Dual Credit offers high school students the opportunity to prepare for professional-technical degrees and to complete college equivalent classes while still in high school. An agreement is prepared between the high school and college faculty that ensures that credits taken in high school and college are transferable between programs. Students who enter this program while attending high school will earn college credit towards a community/technology college certificate while completing high school requirements.

Students who complete a CTE Dual Credit class (with a grade of "B" or better) while attending high school, and have submitted a CTE Dual Credit application to CTE Dual Credit will receive a college transcript from either Shoreline Community College or another CTE Dual Credit member college: Bellevue College, Cascadia College, and Lake Washington Institute of Technology.

Transitional Studies

Adult Basic Education (ABE)

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

Low-cost courses in reading, writing, and mathematics are designed to help students improve their skills to prepare for college. Students in ABE classes also have the opportunity to earn credits toward a Washington State high school diploma. These courses, along with student support services, provide navigation and guidance to help students begin planning their academic pathway and prepare for success in their college courses. Tuition is $25 per quarter. A low-income tuition waiver is available.

English as a Second Language (ESL)

(206) 546-4602 • 5000 Building (FOSS), Room 5205

Low-cost English language classes are offered to help students improve their skills in speaking, listening, reading, writing and grammar. These classes are offered morning, afternoons, and evenings. Tuition is $25 per quarter. A low-income tuition waiver is available.

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

(206) 546-6930 • 5000 Building (FOSS), Room 5101

Shoreline Integrated Basic Education and Skills Training (I-BEST) opportunities help basic skills students and English language learners to earn college certificates in high-demand fields. Classes are all in-person and team taught to provide extra learning support. There are very few prerequisites. At Shoreline Community College, students can choose from certificates in Automotive General Service Technician, CNC Machining, and Nursing Assistant Certified. These programs provide a starting point for students who want to start working or those who want to continue to pursue a professional/technical degree. Financial assistance is available to help pay for tuition and books.

Continuing Education Programs

(206) 546-6966 • 1200 Building, continuing-ed@shoreline.edu

The Continuing Education program is an open learning community that offers affordable non-credit courses and events for those who are interested in short-term personal enrichment and professional development opportunities.

Personal Enrichment

Continuing Education offers a number of fun and flexible personal enrichment courses taught by experienced instructors. Classes are held online or on evenings and weekends to accommodate a variety of busy schedules. Students can explore a new hobby, meet a personal goal, or find their next passion project.

Professional Development

The Continuing Education program partners with Ed2Go to offer online professional development courses throughout the year. Courses are led by expert educators and are affordable, convenient, and geared to working adults. With hundreds of offerings starting monthly, students can prepare for industry certification or start a new career in as little as six months.

Summer Camps

Science, Sports, and Technology camps serve a variety of ages and begin each July.

ONLINE LEARNING

(206) 546-6966 • 1200 building •
elearning@shoreline.edu • shoreline.edu/elearning

Online learning options provide quality education at times and places most convenient to students using Canvas, a web-based learning management system. These options include online courses (computer-based/ Internet), hybrid courses that blend online and on-campus learning, and web-enhanced face-to-face classes. In addition, several degrees and certificates can be obtained completely online. The Northwest Commission on Colleges and Universities accredits Shoreline's online programs.

Online (Internet) Courses

Online courses have start and stop dates, regular assignments and project due dates, but the classroom is online and most classes are fully asynchronous, meaning work can be done at a time and place most convenient for the student. Online classes have been developed with the same learning outcomes as traditional on-campus courses. Because courses are delivered at a distance in an online learning environment, they are reading-and writing-intensive. Even though attendance is not required at a specific time, students will need to spend time in the online classroom five out of every seven days and plan on a minimum of 10 to 15 hours of class work each week for most 5-credit online classes. Using a computer or mobile device and the Internet, students receive lessons and assignments and return completed coursework. Students communicate with their instructor and other class members through e-mail and online interactions from their home or workplace. Some online courses require synchronous online interaction, which requires attendance in an online classroom at a specific date and time. Students may be required to arrange to have an exam proctored a few times during the quarter.

Hybrid Courses

Hybrid courses offer students a mixture of on-campus and online learning experiences, with regular on-campus meetings each week. In a hybrid class, students receive face-to-face, personal interaction with their instructor and other students. In addition, students have anytime/anywhere access to the course, on their own computer with Internet access or in Shoreline's computer labs.

Web-Enhanced Courses

Many face-to-face courses require some Internet content and are called web-enhanced courses. These courses take place at the college's physical campus. Online resources are used to enhance the on-campus instruction but do not reduce the requirement for on-campus classroom attendance.

Experiential Learning

Study Abroad

(206) 546-4627 • 9000 Building (PUB), Room 9302
studyabroad@shoreline.edu
shoreline.edu/international/study-abroad

Shoreline Community College is a regional leader in providing short- and long-term study abroad programs for two-year college students. In addition to 10-week (one academic quarter) programs sponsored in association with the Washington State Community College Consortium for Study Abroad (WCCCSA), Shoreline offers unique two- to four-week International Summer Institute study-abroad programs around the world. Recent opportunities have included programs in Bolivia, England, France, Guatemala, Italy, Japan, South Africa, Namibia, Mexico, China, Greece, Turkey, Honduras, and Thailand. The College partners with organizations around the globe to give students in professional-technical programs the opportunity to study abroad within their field. Shoreline 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 resources may apply to Shoreline study abroad programs.

Service Learning

(206) 546-4736 • shoreline.edu/service-learning

Service learning is a non-traditional model of teaching and learning that allows students to engage in meaningful community service opportunities that purposefully overlap with and enhance the academic learning that occurs in the classroom. Each service-learning course allows you to sharpen your leadership, critical thinking, and problem-solving skills while simultaneously taking action to meet real community-defined needs.

Service-learning courses typically bear 5 credits and require students to complete 15 hours of service throughout the quarter in addition to regular course work, although variations on this model may be offered. Course loads in fully-integrated service-learning classes are intentionally adjusted to account for the extra time students must commit to in order to complete their service. A wide range of academically-relevant service-learning opportunities are set up prior to the start of the quarter to ensure that placements are both interesting and accessible to students.

Internships

(206) 546-6930 • 5000 Building (FOSS), Room 5101

Some programs offer or require an internship course, in which students apply what they have learned in their courses within a workplace setting. In our automotive cooperative dealership learning experience, students work as apprenticeship technicians for one quarter. Refer to the program planning guide or consult with a faculty advisor to learn more about these opportunities.

Shoreline's Workforce Education and Job Connections Center can also provide resources for seeking out internship opportunities.

Individual Projects

Guidelines for Individual Projects

Various locations, contact instructor or Division Office staff

Individual project credits are for individualized study. They consist of advanced study in students' primary academic or career area of interest under the guidance of the division involved. Students initiate requests for individual projects with an appropriate faculty member. Students planning to participate in individual project credits must have completed a basic course in the relevant discipline.

Individual project credits may not be used to satisfy general or distribution degree requirements. Students should consult with their advisors and check on the elective degree requirements of their transfer institution to determine the applicability of individual project credits.

Individual project credits

Faculty offering individual project credits submit to the division dean a written contract, including details of the nature of the project, the resources to be used, the materials to be produced or activities to be completed by the student and the method of evaluation and grading that is to be used by the instructor.

For 3 credits:
Students must complete 99 project hours and enroll before the end of the second week (10th 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

Becoming a Shoreline Student

Admission Information:
Shoreline Community College
16101 Greenwood Avenue North
Shoreline, WA 98133-5696

Phone: (206) 546-4611
Fax: (206) 546-5835

E-mail: enrollmentservices@shoreline.edu
shoreline.edu/apply-and-aid

Students may begin their college education at Shoreline Community College in fall, winter, spring, or summer quarter. To apply for admission, students should submit an online application or a paper application (by mail, fax, or in person) to Enrollment Services. Applications should be submitted as early as possible before the quarter begins. Applicants will receive notification of acceptance and registration information by email.

Admission Eligibility

A candidate for admission to Shoreline Community College must be a graduate of an accredited high school, have a General Education Development (GED) certificate, or be at least 18 years of age. 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 the age of 16 are generally not admitted to the college. Upon admission, students may be required to submit any of the following records to the Enrollment & Financial Aid Services Office:

1. *College Transcripts*

Students who have attended other colleges are required to submit official transcripts from all colleges from which they wish to transfer credit toward their Shoreline Community College degree. The College accepts credits earned at colleges or universities that are recognized by the Northwest Commission on Colleges and Universities or other regionally accredited agencies. Transcripts of course work from other colleges may also be required to provide evidence of placement level before registration in English composition, reading, math or courses with prerequisites.

Students receiving federal financial aid or those receiving educational benefits from the Department of Veterans Affairs are required to submit official transcripts from all prior colleges including, in the case of veterans, those attended before, during, and after active duty. Official transcripts submitted to Shoreline Community College become the property of the College.

1. *High School Transcripts*

Students are encouraged to submit final, official high school transcripts to Enrollment Services. High school transcripts may be used to provide evidence of placement level and will assist advisors of students seeking to transfer to meet those institutions' admissions and graduation requirements.

Students who have not graduated from high school

Applicants who have not graduated from high school may be required to verify placement before registration. The College recommends that applicants consider the High School Completion Program or the General Education Development test as an aid to planning the student's program.

High school students attending a day high school full-time or part-time may also take high school completion classes or college credit classes to meet their own high school requirements. The student must have an authorization letter from his or her counselor or vice principal stating that the high school will allow the student to attend the college classes and will accept the credits earned.

The Running Start program allows high school juniors and seniors to take college classes. See the Running Start section of this catalog for more information.

International Students

(206) 546-4697 • 9000 Building (PUB), Third Floor
shoreline.edu/international

International students are eligible to study at Shoreline with an F-1 visa. Shoreline Community College does NOT require international students to submit the results of an English proficiency exam with their application. Instead, each Shoreline student is asked to take an English as a Second Language (ESL) proficiency test upon arrival in the U.S. in order to be placed in the appropriate classes.

In order to apply for admission as an international student, the following items are required:

1. A completed application form *
2. Complete and official high school records (all years), as well as any college or university transcripts
3. Evidence of financial responsibility
4. Application fee

* Please contact International Education for an application packet.

Programs with Special Selection Procedures

Admission to the College does not guarantee acceptance into certain programs that have special admission requirements. Biotechnology, Dental Hygiene, Health Informatics and Information Management, Medical Laboratory Technology,

Nursing, and The Honors College at Shoreline fall into this category. Other programs such as Automotive Service Technology have waiting lists due to high demand. Refer to the Professional-Technical Degree Programs section of this catalog for further information.

Audit Students

An audit student must be registered and have paid required tuition and fees. Class participation will be at the instructor's discretion. No credit is earned. A student cannot change to or from audit status after the first day of the seventh week of the quarter. The audit grade appears as an "N" and will be permanently posted on the official transcript.

Determine Placement

shoreline.edu/placement

Some Shoreline courses require that students demonstrate prior knowledge and abilities to register. Examples of these courses include English, math, and science. Students can demonstrate that they have met the requirement by completing courses at the college or through a variety of placement methods.

Placement is a process by which students find the appropriate level of Math and English courses to support their success. Shoreline uses multiple measures to identify appropriate placement into courses.

Some of these include

- credits from another college;
- AP, IB, SAT, ACT, or GED scores;
- high school transcripts;
- Smarter Balanced Assessment scores;
- Directed Self-Placement for English;
- or a placement exam taken at Shoreline or another college.

Contact an advisor or visit shoreline.edu/placement for more information.

Provide Previous Credits

Transfer Credits

advising@shoreline.edu • (206) 546-4559
5000 Building (FOSS), Room 5229
shoreline.edu/advising

Credits earned at colleges or universities that are recognized by the Northwest Commission on Colleges and Universities or other regional accrediting agencies are accepted by Shoreline Community College.

While selecting courses, Shoreline Community College advisors can review unofficial college transcript(s) to provide guidance about how credits will transfer. To ensure these credits count toward a Shoreline degree, students need to request official transcript(s) from previous college(s). Students then submit these transcripts along with a Transfer Degree Request for Transcript Evaluation form to Enrollment Services. Please note that it is not necessary to wait for completion of the transcript evaluation to register for classes.

Academic Credit by Prior Learning Assessment

Shoreline awards credits to students who can demonstrate their prior learning in four general categories:

- **Prior Experiential Learning (PEL):** Students work with a faculty subject matter expert to determine whether documentable work experience aligns with learning outcomes for a particular course or courses. Students submit a compilation of their work, such as a portfolio, which the faculty subject matter expert reviews to determine whether credit can be awarded.
- **Extra-Institutional Learning (EIL):** For some Shoreline courses, specific workplace training (e.g., Police Academy) has been established as equivalent and relevant credit may be awarded.
- **Credit by Testing:** Shoreline awards credit for college-level standardized tests such as Advanced Placement (AP), International Baccalaureate (IB), and Cambridge International (CI).
- **Course Challenge:** For some Shoreline courses, students can take an exam developed by Shoreline faculty subject matter experts to demonstrate their prior learning and receive any applicable credit.

There are restrictions on how and when credit by prior learning assessment can be awarded. For more information, see the Credit for Prior Learning web page.

Apply for Financial Aid

financialaid@shoreline.edu • (206) 546-4729 • 5000 Building (FOSS), Room 5220
shoreline.edu/apply-and-aid/financial-aid

Shoreline Community College offers financial assistance to eligible students enrolled in an eligible degree or certificate program at the College. Eligibility is determined by federal and state regulations based on information students and parents report on the Free Application for Federal Student Aid (FAFSA) or Washington Application for State Financial Aid (WASFA). Students might receive aid in the form of grants, part-time employment, or student loans. Students are encouraged to complete the FAFSA or WASFA annually for each academic year. Summer quarter is the beginning of each academic year at the College. Application deadlines are posted on the financial aid office website (see above). Eligible students that meet the priority deadline will be considered for maximum funding. Students that did not meet the posted deadlines will be awarded on a funds-available basis.

To apply for aid, students must:

1. Complete the FAFSA online at www.fafsa.gov or the WASFA online at readysetgrad.org/WASFA. Shoreline Community College's federal school code is 003791.
2. Submit all required documents for file review and eligibility determination. Forms are available online at www.shoreline.edu/apply-and-aid/financial-aid.
3. Submit a Direct Loan Request form if interested in taking out a loan.
4. Submit a Summer Quarter Financial Aid request form if planning to attend summer quarter.

After a file is complete, eligibility for aid will be determined. Students are notified of their aid eligibility via Shoreline Community College's email. Students are encouraged to check their financial aid portal on a regular basis at shoreline.edu/faportal.

General Eligibility Requirements

To receive financial aid, federal and state regulations require that students must:

- meet all eligibility criteria as determined by the U.S. Department of Education, Washington Student Achievement Council, and Shoreline Community College
- have a high school diploma or GED
- be enrolled in an eligible degree or certificate program
- be a U.S. citizen or eligible non-citizen or eligible to complete the WASFA (Washington residents who are not eligible to complete the FAFSA can complete the WASFA because of the Real Hope Act)
- make satisfactory academic progress
- sign the FAFSA or WASFA statement certifying that they will use financial aid only for educational purposes
- not be disqualified based on a conviction for a drug-related offense while receiving aid
- certify that they are not in default on a federal student loan and do not owe a repayment of a federal grant
- be registered with the Selective Service, if required
- not be currently enrolled in high school
  Additional eligibility notes:
- Students do not have to be enrolled full-time to receive aid. Aid is prorated based on enrollment level. Students must be enrolled for at least half time (6 credits) in eligible credits to receive student loans and work study. Students enrolled for less than half time might be eligible for a limited amount of federal Pell grant and Washington State Need grant assistance.
- Students who have received a bachelor's degree or its equivalent, including degrees earned from unaccredited or foreign schools, are not eligible for federal and/or state grants, but could be eligible for student loans.
- Students cannot receive financial aid from two schools at the same time.
- Shoreline participates in study-abroad programs approved for academic credit. Eligible students may receive financial aid through available grant and loan programs offered at the College.

Types of Financial Aid

Grants and Waivers

Federal Pell Grants

This federal grant is available to eligible students enrolled at least part-time. In some cases, limited amounts of Pell Grants may be available to students enrolled for less than 6 credit hours. Grants will be awarded in amounts up to $6895* for the 2022-2023 academic year. Students enrolled in a fourth quarter during the academic year may receive an additional award of up to $2298*. Determination of the amount is based on the FAFSA application information submitted by the applicant to the federal processor.
*subject to change

Supplemental Educational Opportunity Grants (SEOG)

These federal grants are available to students with exceptional financial need and the average award is $100 quarterly for the 2022-2023 academic year. Priority is given to students with the greatest need who meet the posted priority deadlines.

Washington College Grants, College Bound Scholarship, Passport to College

These state grants are available for Washington State residents. Students must meet other criteria established by the state.

Shoreline Grant, Tuition and Fee Waivers

Shoreline Community College Grants and Tuition and Fee waivers may be available for state residents enrolled in at least 3 credits or more. The state permits colleges to award this grant and/or to waive a portion of resident tuition and fees for a limited number of eligible students.

Veteran/Dependent Waiver

Military-connected students and student veterans may be eligible for a tuition waiver based on the Washington Administrative Code (WAC), section 478-160-163. A 25-50% tuition reduction is offered to all qualified Washington State residents with an honorable discharge pursuing their first associate/professional degree. A tuition waiver is offered to eligible dependents and

spouses based on the Revised Code of Washington (RCW) 28B.15.621. Qualifying dependents and spouses may be eligible to receive a waiver of all tuition and fees if they are Washington State residents, if the veteran is a Washington State resident with a 100% service-connected disability, deceased, or POW/MIA.

Federal and State Work-Study

Work-Study is a program in which students are employed part-time and earn money to help pay for their educational expenses. Students are paid bimonthly for the hours they work. The earnings are partially subsidized by federal and state funding. Jobs are posted on the jobs board by the Financial Aid Office. On-campus and off-campus positions are available.

Student Loans

Shoreline Community College participates in federal loan programs including the Federal Direct Loan (subsidized and unsubsidized), parent PLUS loan and Nursing Loan. Students are encouraged to borrow as little as possible to minimize loan debts after graduation. More information about the federal Direct Loan program is available in the Financial Aid Office and online at studentaid.gov.

Subsidized Direct Loans

The maximum subsidized loan is $3,500 per academic year for first-year students and $4,500 for second-year students who have completed half of the required credits in their program of study. Eligibility for the subsidized Direct Loan is based on financial need as determined using the FAFSA application and the credits completed in their degree program.

Unsubsidized Direct Loans

Unsubsidized Direct Loans are not based on financial need but are limited by a student's budget.

First-year dependent students may borrow up to a combined maximum of $5,500 in subsidized and unsubsidized Direct Loans.

Second-year dependent students with at least half of the required credits completed in their degree program may borrow up to a combined maximum of $6,500.

Independent students may borrow up to $6,000 in unsubsidized Direct Loans in addition to the maximum subsidized amounts for first-or-second year, depending on need and the cost of attendance (see Estimated Costs of Attendance).

The interest rate on both the Subsidized and Unsubsidized loan is currently 4.53%**. Interest is paid by taxpayer funds on the subsidized loan while students are enrolled at least half time (6 credits) and during the six-month grace period after graduation. Loan Entrance Counseling is required for first-time borrowers, and Exit Counseling is required for all students when they leave school.

The counseling is completed online at studentloans.gov. To borrow a student loan, students must complete a Master Promissory Note at studentaid.gov and submit the Direct Loan Request form to the Financial Aid Office. The loan request form is available in the Financial Aid Office or online at shoreline.edu/apply-and-aid/financial-aid.

If a Direct Loan recipient's enrollment drops below 6 credits during a quarter, the College is required by the U.S. Department of Education to cancel the student's loan. The student is no longer eligible to receive any further funds from the original loan application. The student must be re-approved for future loan aid, and must submit a new student loan request form.

**Interest rates and other conditions are subject to changes, and the federal government pays interest charges for students only on subsidized Direct Loans for students enrolled at least half time.

Parent PLUS Loans

Parent PLUS Loans are available for parents of students who have first completed the FAFSA and financial aid application process. Parents must complete the Master Promissory Note at studentaid.gov and submit the Parent PLUS Loan Request form to the Financial Aid Office. The PLUS Loan form is available in the office.

Nursing Loans

Students admitted to the Nursing Program may borrow up to $3,300 a year. These funds are available to those who demonstrate need. These loans must be repaid during a 10-year period after completing the degree program. Interest is paid during the repayment period at 5%.

Short-Term/Emergency Loans

Continuing students with a 2.0 GPA may borrow a short-term/emergency loan. A cosigner may be required. Loans are granted for resident tuition, books, and emergencies. The maximum amount a student may borrow is the amount needed for the quarter's books, or the amount needed to pay resident tuition, or $150 for emergencies.

A service charge of $5 is placed on each loan. To assist as many students as possible with these limited funds, a short-term loan must be repaid within 60 days of the date of the promissory note, and no later than the end of the quarter in which the loan is made.

Students must apply in person through the Women and Gender Equity Center and Multicultural Center. The application may require additional documentation.

Information About Financial Aid

Satisfactory Academic Progress for Financial Aid Recipients

Satisfactory Academic Progress toward a degree or certificate must be maintained to be eligible for financial aid. Students must meet the academic standards of the College and the requirements of the financial aid policy for progress. A complete copy of the policy is available in the Financial Aid Office and online at shoreline.edu/enrollment-services/financial-aid/. Academic progress is evaluated each quarter and on an annual basis, according to the Registrar's grade reports and/or an instructor's report. Each quarter, full-time students are expected to register for and complete a minimum of 12 credits with at least a 2.0 grade point average (GPA). Students must achieve and maintain at least a 2.0 cumulative GPA. Students are also expected to complete at least 67% of all credits they attempt. Grades of 0.0, H, I, N, NC, W, Z and audited classes do not count toward completed credits. Please refer to the Academic Regulations section of this catalog for definitions. At the end of each quarter, students who complete fewer than registered credits are on warning or cancellation status. Students may reinstate eligibility by achieving a cumulative grade point average of at least 2.0 and a 67% completion rate. Aid is normally available for 125% of the number of credits required for the program of study. All credits attempted, including withdrawals, are counted toward the 125% limit. If unusual circumstances prevent a student from making progress, students may submit a written petition to request that their eligibility for aid be reinstated. Students might need to attach supporting documentation to their petition.

Estimated Average Costs of Attendance for Financial Aid

The following estimated average costs will be used to determine financial aid eligibility for a state resident attending full-time for three quarters (nine months) in the 2022-2023 academic year. The tuition and fee amounts are determined primarily by the State Legislature. Other expenses are estimated averages.

	Living with parents or relatives	Living away from parents or relatives
Tuition & Fees (average FT)	$4,572	$4,572
Books & Supplies	$702	$702
Rent, Food, Utilities	$8,736	$18,162
Transportation	$1,830	$2130
Personal & Miscellaneous	$1,800	$1,800
Estimated Total	$17,640	$27,366

Expenses will vary depending on special program costs, non-resident tuition, daycare, and other factors. The student budget is revised annually to reflect current costs.

Qualifying Skill-Building Courses

Courses designed to increase the ability of a student to pursue a course of study leading to a certificate or degree offered by Shoreline Community College may be covered by financial aid. Qualifying skill-building courses acceptable for financial aid will be funded to a maximum of 45 credits. All provisions of the Satisfactory Academic Progress Policy must be met by financial aid recipients. Adult Basic Education (ABE) and English as a Second Language courses (ESLAB) are not eligible for financial aid. Transitional courses including High School Completion, Running Start, CEO, and Parenting Education classes are not eligible for aid.

Rights and Responsibilities for Financial Aid Recipients

Rights

All financial aid recipients have the right to review their financial aid file for the accuracy of the information contained therein and submit corrections. Confidential information covered under the Privacy Act may not be reviewed without prior approval of the individual concerned.

Responsibilities

Students and their families have the primary responsibility for paying for their educational expenses. In addition to expected contributions from parents, students are expected to contribute from their savings and earnings. Federal and state financial aid programs are intended to supplement, not replace, the resources of a student's family. Students are responsible for:

- Knowing when their tuition, fees, and other charges are due
- Understanding when and how financial aid funds will be available to help pay expenses

- Ensuring that they have other funds to pay their remaining expenses if financial aid does not cover all expenses
- Completing all applications clearly and completely, and submitting all additional documentation required by the Financial Aid Office
- Reading and understanding all information sent to them related to financial aid
- Knowing the financial aid requirements for Satisfactory Academic Progress
- Completing all credits each quarter for which they receive financial aid with at least a 2.0 G.P.A
- Informing the Financial Aid Office if they will receive agency funding or a scholarship to help pay their expenses at Shoreline
- Notifying the Financial Aid Office immediately when they officially withdraw from classes (or when they withdraw unofficially by stopping attendance in their classes)

Withdrawal From Classes

Should it become necessary for a student to withdraw from classes, he or she can obtain a Schedule Change Form from Enrollment Services. The form should be completed and returned to Enrollment Services so that the Financial Aid Office is notified. Students can also send a request to withdraw to sccadmis@shoreline.edu.

Withdrawal or Not Completing Credits After Receiving Financial Aid: Requirements for Repayment and Return of Aid:

When students receive financial aid they are expected to complete the credits for which they received the aid. When students officially or unofficially withdraw from the College after they receive financial aid, or if students complete zero credits in any quarter they received financial aid, they might have to repay a portion of the aid they received.

The College uses the federal "Return of Title IV Funds" requirements to calculate the amount of federal financial aid that must be repaid by students and the amount that must be returned to the federal aid programs by the College. This calculation is based on the withdrawal date.

The federal calculations generally use a student's date of official withdrawal or the last documented date of attendance in class to determine the amount of federal financial aid (Title IV FSA program funds) that the student did not "earn" by remaining enrolled. The amount of Title IV aid funds that the student received in excess of the standard costs of attendance for the time in class must be repaid or returned to the student aid programs. For state aid, the Washington Student Achievement Council (WSAC) refund policy is used to determine the amounts that must be returned to these state aid programs, and to determine the amount of non-institutional expenses for the calculation of state aid that must be repaid by students. Federal funds will be returned in the following allocation order: Unsubsidized Federal Direct Loan, Subsidized Federal Direct Loan, Direct PLUS loan, Federal Pell Grant, and FSEOG.

Students are expected to notify the Financial Aid Office immediately when they withdraw officially (or when they withdraw unofficially by stopping attendance in their classes). If students owe a repayment of financial aid, they will not be eligible to receive aid in the future until they have repaid the full amount owed or conditions of repayment agreements have been met.

This policy is subject to change, and a complete copy of the current policy for repayment and return of all aid types is available in the Financial Aid Office.

Concurrent Enrollment

Students are allowed to receive financial aid only from one college for the same enrollment period - they are not allowed to receive aid from two colleges at the same time. Students attending two colleges simultaneously (concurrent enrollment) are eligible to receive aid only from the college at which they are seeking a degree or certificate.

Workforce Education Program

Workforce Education helps pay for your educational costs at Shoreline Community College.

To qualify you can be enrolled in the following:

- Prerequisites to Professional-Technical Programs
- Professional-Technical certificates or degrees
- Adult Basic Education, ESL classes, GED or High School 21+
- BFET can pay for Transfer Degrees

Basic Food Employment & Training (BFET)

(206) 546-7843, 5000 Building, Room 5101

Type of Assistance

- Tuition, fees, books, & required supplies
- Parking pass or bus pass
- Childcare assistance from DSHS

Eligibility Requirements

- Must be receiving DSHS Basic Food Assistance
- Washington State resident for a year

Opportunity Grant

(206) 546-6961, 5000 Building, Room 5101

Type of Assistance

- Tuition, fees, books, required supplies

Eligibility Requirements

- Low income (must provide evidence of income)
- Washington State resident for a year
- Have not earned Associates or higher degree from a U.S. school
- Enrolled in one of the following Professional/Technical Programs:
  Accounting, Automotive, Clean Energy Technology & Entrepreneurship, Health Informatics & Information Management, Manufacturing, Microsoft Software Applications certificate, Nursing Assistant Certified, and Visual Communication Technology

Worker Retraining

(206) 546-6957 • 5000 Building, Room 5101

Type of Assistance

- Tuition & Fees

Eligibility Requirements

- Students who are receiving Unemployment Insurance or who have exhausted their Unemployment Insurance in the past 48 months
- Have received a layoff notice
- Displaced home-maker
- Formerly self-employed
- Veteran

WorkFirst

(206) 533-6754 • 5000 Building, Room 5101

The WorkFirst program assists parents receiving TANF/cash assistance to achieve their educational and employment goals.

Type of Assistance

- Tuition, fees, books
- Case management support
- Support services, such as childcare and transportation, may be authorized by DSHS

Eligibility Requirements

- Be a parent of a child 18 years or younger
- Currently receiving TANF cash assistance
- Your DSHS case manager must send a referral to the college

Other Types of Aid

Shoreline Community College Foundation

(206) 546-4755 • 1000 Building, Room 1005

shoreline.edu/foundation

The Shoreline Community College 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 also provides emergency financial assistance to eligible students with pressing needs. The Foundation currently manages a variety of accounts and endowments on behalf of generous donors and departments for the benefit of students. A volunteer board of directors composed of representatives of community leaders, business and industry, alumni, and educators governs the Foundation.

High School Programs

Please check out High School Programs for a variety of programs that offer free or reduced tuition for individuals who have not completed high school.

Select Your Courses

advising@shoreline.edu • (206) 546-4559
5000 Building (FOSS), Room 5229
shoreline.edu/advising

Prior to registration, students should meet with an advisor to plan which courses they will select for the next quarter. Students determine which classes they need by reviewing their degree progress to-date and planning guides for specific educational goals. Planning guides can be found on the college website. Students should make sure they have prerequisites for each course completed, find the right instructors for their learning style, figure out the scheduling of their classes to meet their work and personal needs, and review how their academic choices align with funding guidelines. This planning can be complicated, and it is strongly recommended to seek assistance from an advisor when selecting courses.

Register for Courses

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

Veterans, other qualified military-connected students, and students with disabilities receive priority registration for classes. Please contact Veterans Programs (manderson4@shoreline.edu, 206-546-4645) or Student Accessibility Services

(sas@shoreline.edu, 206-546-4545, TTY 206-546-4520) for assistance in ensuring receipt of priority registration.

The registration procedure allows continuing students with the largest number of accumulated credits to register first. This permits students to move up in the priority order each quarter they are in attendance. In-person registration may be by written proxy if a student is unable to report at the scheduled time.

All students will be assigned to and are encouraged to consult with an advisor. The signature of an advisor will be required to register only for students who:

1. Are taking English as a second language classes (ESL);
2. Are non-immigrants attending on a student visa;
3. Are pursuing a vocational degree program which requires a competitive admission process;
4. Are attending Shoreline Community College in the Running Start or High School Completion Program; or
5. Have met a pre-requisite for a course which is verified by an advisor.

Online Registration

Students at Shoreline Community College can also register online on or after their scheduled appointment date. Online registration is available from the application date through the first week of each quarter.

Automatic Waitlist

Students can put themselves on a waitlist when they register for a full class or check their position on a waitlist. Registration into a waitlisted class is automatic when space becomes available until the waitlist cutoff date. Students are responsible for reviewing their enrollment status on the waitlist and any associated tuition charges. See the quarterly class schedule for specific dates. The signature of the instructor is required to register for a waitlisted class after the waitlist cutoff date.

Change of Registration

Students are encouraged to be enrolled and attending classes on the first day of instruction so they can benefit from participating in a full quarter of class sessions and have the best opportunity to complete their classes successfully.

Students desiring to change their class schedules during the **first five days** of a quarter may do so online, or complete a class schedule change form and take it to Enrollment Services. No signatures are required except in the case of full or special permission classes, as indicated in the class schedule. It is the student's responsibility to confirm any schedule changes with Enrollment Services. The advisor's signature is required if the student wishes to enroll in more than 23 credits in one quarter.

From the **6th through the 10th days** of instruction:

- Adding a class will require that the student submit a late enrollment petition form to the instructor and dean, explaining the reason for requesting late enrollment. A late enrollment request will be granted only in rare and unusual circumstances, with written approval from the instructor and the dean. Students will not be able to enroll in classes after the 10th instructional day of the quarter.
- Withdrawing from a class is possible without the signature or emailed permission of the instructor.

From **the first day of the third week through the first day of the seventh week** of the quarter, withdrawal from a class requires the signature or emailed permission of the instructor(s). During this time a grade of "W" will be automatically given for dropped classes. Students can forward their instructor's email permission to withdraw to sccadmis@shoreline.edu.

From the **second day of the seventh week** of the quarter, no "W" grades will be issued. The instructor will assign the proper grade on the grade roster (see Grading System section of this catalog).

*Summer quarter deadlines differ. Please refer to the Summer class schedule.

Pay Tuition

Payment for tuition and fees is due within 5 business days of registering or by the first day of the quarter, whichever happens first. The payment timeline for Fall differs; see the Fall quarter class schedule for information.

Drop for Nonpayment

Students who fail to pay their tuition in full by the tuition payment deadline may be administratively withdrawn from classes for which no payment was made. After a student is dropped, the College sends an email to a student's Shoreline email account as notification. Students may re-register for courses at this time, but if classes are full, they will be added to the waitlist.

Schedule of Tuition and Fees

As a Washington state public institution, Shoreline Community College is required to comply with all applicable state laws regarding residency classification. In general, a student is considered a "resident" for tuition and fee purposes under the following conditions:

1. The student is a US citizen, has permanent resident status, or is otherwise permanently residing in the United States under color of law; and
2. The student is financially independent** for the current calendar year and the calendar year prior to that in which the application is made; and
3. The student is in Washington primarily for reasons other than educational and has officially established Washington as his or her true, fixed and permanent

home and place of habitation for a period of at least one year prior to the start of the quarter of enrollment.

** If a student is not financially independent, then his/her residency is based on whether one or both parents/legal guardians have met all residency requirements.

Washington state laws require that new residents of Washington change out-of state driver's licenses and out-of-state vehicle registrations within 30 days of arrival in this state (references: RCW 46.16.028 and RCW46.20.021). New residents should also change out-of state voter registrations. Students will be initially classified as "resident" or "non-resident" based on the information derived from the application for admission.

Other conditions which might qualify a student for resident status are:

1. Members/dependents of the US military or Washington National Guard; or
2. Students who are not US citizens and do not have permanent resident immigration status, but attended a Washington state high school for at least 3 years and have graduated, and are eligible for HB1079 and have completed an affidavit for review; or
3. Members of certain American Indian Tribes (reference RCW 28B.15.0131).

Students should contact Enrollment Services for complete details regarding residency classification. A student wishing to change his or her residency classification must petition the college by completing an original Residency Questionnaire form (obtainable online or in Enrollment Services) and by providing necessary documentation. This should be completed before registration, or no later than 30 days from the start of the quarter.

Tuition Chart

Please use the following table to compute tuition on college credit classes (whether taking classes for credit or audit)

Part Time

		Resident	Non-Resident U.S. Citizen & Eligible Non Citizens	Non-Resident Non-U.S. Citizen	Non-Resident U.S. Citizen, Online Only
	1 credit	$117.88	$214.57	$305.67	$133.79
	2 credits	$235.76	$429.14	$611.34	$267.58
	3 credits	$353.64	$643.71	$917.01	$401.37
	4 credits	$471.52	$858.28	$1,222.68	$535.16
	5 credits	$589.40	$1,072.85	$1,528.35	$668.95
(a)	6 credits	$707.28	$1,287.42	$1,834.02	$802.74
	7 credits	$825.16	$1,501.99	$2,139.69	$936.53
	8 credits	$943.04	$1,716.56	$2,445.36	$1,070.32
	9 credits	$1,060.92	$1,931.13	$2,751.03	$1,204.11
	10 credits	$1,178.80	$2,145.70	$3,056.70	$1,337.90
	11 credits	$1,236.48	$2,207.44	$3,122.05	$1,396.43

Full Time

	12 credits	$1,294.16	$2,269.18	$3,187.40	$1,454.96
(b)	13 credits	$1,351.84	$2,330.92	$3,252.75	$1,513.49
	14 credits	$1,409.52	$2,392.66	$3,318.10	$1,572.02
	15 credits	$1,467.20	$2,454.40	$3,383.45	$1,630.55
	16 credits	$1,524.88	$2,516.14	$3,448.80	$1,689.08
	17 credits	$1,582.56	$2,577.88	$3,514.15	$1,747.61
(c)	18 credits	$1,640.24	$2,639.62	$3,579.50	$1,806.14
	Over 18 per credit	$106.88	$195.14	$294.67	$106.88

Notes:

a. Notice: All fees are subject to change pending proposed fee increases by the Student Body Association and subsequent approval by the Board of Trustees, or further clarification of actions by the Legislature. The tuition prices shown here were accurate as this catalog went to press. Tuition is subject to change by the State Legislature and State Board for Community & Technical Colleges.

b. For purposes of being considered "full-time" for funding from federal and state financial aid programs, Department of Veterans Affairs, Social Security, and most other outside agencies, a student is required to carry at least 12 credits.
c. An additional operating fee of $96.53, $179.92, $273.95, and $48.13 per credit hour over eighteen (18) is charged for resident, non-resident citizen, non-resident non-citizen, and eligible veteran students, respectively, and may be subject to waiver for required vocational courses.

Payment for tuition and fees are due within 5 business days of registering or by the first day of the quarter, whichever is first.

Student Fees

Audit Fee
Same as credit fee.

Course Challenge (Credit by Examination)
$200 per course. Students should contact an academic advisor or the appropriate instructional division office for more information. Nonrefundable.

Prior Experiential Learning (PEL) Fee
Students may be able to petition for course credit for knowledge and skills acquired through previous experience alone. Please see an academic advisor for more information. $200 per course fee, nonrefundable.

Senior Citizens (60 or Over)
Tuition is waived for up to two regular college credit classes on a space-available basis for credit or audit. There is a $5 fee for this service. Senior citizens must pay all applicable College and class fees.

Special Fees
Many classes require special fees for equipment, laboratory use, materials, or personal instruction. Such fees will be listed in the quarterly class schedule. A special selection process fee will be required when applying to certain programs.

State Employees
Tuition is waived for up to six college credit classes on a space-available basis for credit or audit. There is a $20 fee for this service. State employees must pay all applicable college and class fees.

Student completion fee
An additional $0.50 per credit, up to 10 credits ($5 maximum). This fee is calculated into total charges.

Student Technology Fee
An additional $4.40 per credit fee ($44 maximum) has been approved by Student Government to support technology for students. This fee is calculated into total charges.

Student Union Renovation Fee
$4.40 per credit up to a maximum of $52.80 per quarter.

Sustainability and Commuter Option Fee
Approved by student election, this $23 per quarter fee funds multiple service improvements to the campus such as increased bicycle rack access, parking improvements, and reduced bus pass costs.

Transcript Fee
First two free in person, $5 per transcript, $30 to mail outside of the USA. There is a 3-5 business day processing period. Expedited transcript requests require an additional fee of $20.

Methods of Payment
MasterCard, VISA, cash, debit cards, and personal checks are accepted.

Refunding of Fees
A refund of fees is made either when a student officially withdraws from the College or when there is a partial withdrawal (reduction in credit hours) during the quarterly refund period. Financial aid recipients may be required to repay some or all financial aid upon withdrawal, depending on the type of aid received, the documented last day of attendance, and applicable rules and regulations governing financial aid. For refunds for financial aid recipients, see the Financial Aid section of this catalog.

Refund Policies

Refunds are made according to the following schedule, (some exceptions apply, see Notes below):

Before first week* of the quarter: full refund except for fees listed in the schedule of fees as non-refundable.

During the first week of the quarter: 100% of refundable fees. (Summer Quarter: see class schedule.) Withdrawal is not reflected on student transcript.

Second week of the quarter: 50% of refundable fees. (Summer Quarter: see class schedule.) Withdrawal is not reflected on student transcript.

Third week of the quarter: 50% of refundable fees. (Summer Quarter: see class schedule.) Withdrawal appears as a "W' on student transcript.

After the third week of the quarter: No refund will be issued. (Summer Quarter: see class schedule.) Students who withdraw from the College without complying with official withdrawal procedures, and students who are asked to withdraw by the College, do not receive a refund of fees.

Example 1: Student A officially withdraws during the first week of the quarter. Whether or not the student attended class, he or she is eligible for a 100% refund.

Example 2: Student B withdraws halfway through the third week of the quarter. The student is eligible for a 50% refund of tuition; the College retains 50%. (See Summer Quarter class schedule for equivalent.)

Note: Financial Aid recipients should refer to the examples in the Financial Aid section, since different regulations and percentages may apply.

Note: Student fees for Continuing Education classes are refundable up to two business days before the class begins. Refunds will be made if a class is cancelled by the College.

Note: Refund policy may differ for shortened or late-starting classes.

* For purposes of this policy a "week" consists of five consecutive days excluding Saturdays, Sundays and official college holidays or the Summer equivalent. (e.g. If the first day of the quarter is a Wednesday, then the first week of the quarter is Wednesday, Thursday, Friday, Monday, and Tuesday).

Records

sccadmis@shoreline.edu • (206) 546-4611
shoreline.edu/apply-and-aid

Confidentiality

Shoreline Community College protects student privacy as required by federal law in the Family Educational Rights and Privacy Act (FERPA) of 1974. A student at the College may have all personal information held confidential. The Enrollment & Financial Aid Services Office can provide this special service.

Name Changes

Continuing or returning students are required to submit legal documentation for a change of name as it appears on Shoreline records. Acceptable proof would be a marriage certificate or court order or notarized copy thereof. Picture identification is also required. It is possible to make a temporary change to a preferred name. Students should contact Enrollment & Financial Aid Services at enrollmentservices@shoreline.edu for information about changing to a preferred name.

Students may request to change to a preferred name by emailing sccacmis@shoreline.edu or contacting the Registrar's Office.

Student ctcLink Identification Number

Students are issued a randomly assigned student identification number at the time of admission. Disclosure of social security numbers is not mandatory, except for the purposes of financial aid, Federal American Opportunity Tax Credit, employment in any position at Shoreline Community College including work-study, and workforce or Employment Security reporting. Voluntary disclosure is authorized for the purposes of academic transcripts and assessment/accountability research. Social security numbers are confidential and will be protected under the Family Educational Rights and Privacy Act.

Student Identification Cards

A new-student I.D. requires valid photo identification (such as a Washington State driver's license or a passport) and a copy of a class schedule indicating that tuition due has been paid or documentation of a funding resource for tuition payment. The first student I.D. card issued is free. If the I.D. card is lost, stolen, or mutilated, replacement cards are $15. New I.D. cards issued due to a name change cost $5 and the name change must be completed in the Records Department in Enrollment & Financial Aid Services before the new card is issued in the Library, on the second floor.

Transcript Requests

(206) 546-4614 • 5000 Building (FOSS), Second Floor
shoreline.edu/transcripts.aspx

Requests may be made in person, by mail, or online. The Transcript Request form is available on the second floor of the 5000 building, or on Shoreline's web site. Online requests must be paid for by credit or debit card.

Obtaining Information

Information kiosks are located in Enrollment & Financial Aid Services (5000 Building), Shoreline Bookstore, and the library, where students may view and print an unofficial copy of their records.

Holds on Student Records

A hold on a student's record will prevent students from registering and paying online. Students can have holds placed on their records for various reasons:

a. Students who are under age 16 must meet with Enrollment Services to have the hold removed.
b. Students who have outstanding debts to the College, such as parking or library fines, will have the hold until their debt is cleared.
c. Students who have been placed on academic intervention or restriction will have a hold placed on their record until meeting with an advisor and meeting expected quarterly GPA and earned credits (outlined in Academic Standards in this catalog).
d. Students who are under conduct/disciplinary matters will have the hold per the guidelines outlined by the Conduct Officer.

Enrollment Services requires up to 24 hours to process the release of a hold on a student's record.

Student Services

Advising

advising@shoreline.edu • (206) 546-4559

5000 Building (FOSS), Room 5229
shoreline.edu/advising

Advising starts before students enroll in classes and continues as students complete their educational goals at the College. Advising provides students with the necessary information to make sound academic decisions and educational plans. While students are ultimately responsible for knowing and understanding the College's requirements, seeing an advisor can provide invaluable information. It is strongly recommended that students meet with an advisor regularly to review their educational progress and discuss educational and career goals.

Advisors assist students with:

- Identifying their educational goals;
- Developing strategies to achieve these goals;
- Obtaining information about admissions and registration, course placement and selection, transcript evaluation, graduation requirements, and transferring to a college/university;
- Understanding program prerequisites;
- Explaining the College's policies and procedures; and
- Accessing transfer and planning guides, course equivalency guides, and locating campus resources.

Advising can take place in the instructional divisions, in the Advising Center, or online. Instructional division advisors are contacted through posted office hours or by appointment.

Students may call the Advising Center to schedule an appointment with an advisor. Phone and online advising is also available for students. Drop-in advising is available daily.

Academic Success Coaching

(206) 546-4559 • 5000 Building (FOSS), Room 5229
• https://www.shoreline.edu/advising/success-coaches.aspx

Coaching is a student-centered, interactive approach that introduces students to resources and tools, and helps them explore strategies for creating a foundation for success in college and life. Students and the coach work together on study skills, goal setting, time management, balancing life's priorities, and organization. Coaches also identify and connect students to available resources.

New Student Orientation

(206) 546-5862 • https://www.shoreline.edu/orientation

New Student Orientation takes place right before fall, winter, and spring quarters to offer incoming students information and resources to help them kickoff their Shoreline experience. Participants will meet faculty and staff and have an opportunity to learn about campus life, online tools, financial services, and much more! Daytime and evening Orientations are offered to accommodate student schedules. For more information and to RSVP, visit the link above.

Assessment & Testing Center

(206) 546-4608 • 5000 Building (FOSS), Room 5100
www.shoreline.edu/testingcenter

Shoreline Community College's Assessment & Testing Center provides a variety of placement/testing services for potential, current, and returning students, as well as for those from other colleges who need proctor services, and those needing to take the GED. A copy of assessment results is available immediately. Students should take copies to orientation and/or advising appointments.

Determination of class placement may be made through transcript review, documentation of previous exam scores, an assessment test, or, in some classes, directed-self placement. Students are encouraged to contact an academic advisor directly to see what type of assessment might be needed for the classes/programs in which they would like to enroll.

Potential and enrolled students who are non-native English speakers and who have been in the United States less than 4 years should have their English skills assessed according to the policies and procedures of the English as a Second Language (ESL) program described in this catalog.

Community Employment Program (CEP)

(206) 546-5823 • 2900 Building, Room 2910

https://www.shoreline.edu/oss/cip.aspx

The Community Employment Program (CEP) at Shoreline Community College is a grant-funded program within Student Support Programs. CEP primarily serves adults with developmental disabilities and provides comprehensive individualized services in support of community-based employment. To receive services, students must be eligible for funding through the State of Washington's Developmental Disabilities Administration or through the Division of Vocational Rehabilitation. For those not eligible for this funding, there is a private pay option.

Counseling

(206) 546-4594 • 5000 Building (FOSS), Room 5245
shoreline.edu/counseling-center

The Counseling Center provides free, confidential, and professional counseling services, resources, and referral to support the academic and personal success, health, and well-being of our students and campus community.

Students often visit the Counseling Center to discuss a wide variety of topics: depression, anxiety, 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 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 referral to campus and community resources.

Beyond individual services, the Counseling Center offers a variety of workshops, presentations, and activities supporting wellness and health promotion.

Counselors also teach Human Development courses that focus on personal growth and student development and success. Topics include Career and Life Planning, College Success, Stress Management, and Improving Relationships.

Gender Equity Center

(206) 546-4715 • 9000 Building (PUB), Room 9202

https://www.shoreline.edu/gender-equity-center/

The Gender Equity Center is a friendly, supportive environment for people of all gender identities to explore, celebrate, and educate the campus community about gender equity. The space, which is open to everyone at Shoreline Community College, promotes dialogue and advocacy by offering a variety of year-round programming and support services.

Global Affairs Center

gac@shoreline.edu • (206) 533-6996
shoreline.edu/gac

The Global Affairs Center (GAC) supports the Global Awareness general education outcome by providing co-curricular speakers, panel discussions, and workshops on global issues. GAC events encourage critical thinking, dialogue, and inter-cultural understanding regarding global issues, as well as local issues with global consequences. GAC programs are free and open to the public, supporting the College's commitment to community engagement and education.

The GAC partners with several local organizations to bring programs to Shoreline, including:

- Global Washington
- The Evans School of Public Affairs/UW
- The Henry M. Jackson School of International Affairs/UW
- The Washington Council on International Trade
- The Washington State China Relations Council
- The World Affairs Council of Seattle
- Departments, other programs, and student clubs at the College

International Education

(206) 546-4697 • (206) 546-7854 - Fax
9000 Building (PUB), Third Floor
shoreline.edu/international

Shoreline Community College is committed to global education and engagement. We welcome international students from around the world to study in our university transfer, professional/technical, and English as a Second Language programs. The International Education (IE) department provides services to assist international students with admissions, immigration, college orientation, cultural adaptation, academic advising, and social and leadership activities. International Education engages with local, national, and international partners and organizations, offering programs to advance global awareness, understanding, and cultural exchange.

Study Abroad

Shoreline Community College encourages students to study abroad. As a member of the Washington State Community College Consortium for Study Abroad, the College is committed to providing opportunities for students to travel and study abroad. The International Education department provides study abroad advising to students and support to faculty members leading Shoreline's study-abroad programs.

Library and Learning Commons

Ray W. Howard Library • (206) 546-4556 • 4000 Building
shoreline.edu/library

The Library and Learning Commons, centrally located in the 4000 building, provides instruction and instructional support to students and faculty across all College programs.

The Library and Learning Commons offers a variety of individual and group study areas including a state-of-the-art information and research classroom/lab and open computer access. Library services, tutoring, student learning centers, and an open computer lab are co-located. Recently-updated furnishings and study areas provide students with spaces designed for research and learning in the 21st century.

On the building's lowest floor, Technology Support Services is located in 4122, while the 4100 level also houses servers for the campus computer and internet systems. An Open Student Lab available for all current Shoreline students is found in 4102.

Also on the first floor are faculty offices for Performing Arts and Digital Film Department, alongside a Black Box Theater that serves as a rehearsal and performance space for the department. In addition, 4106 serves as The Honors College Student Lounge.

The second and third floors of the Ray W. Howard Library houses a collection of books, magazines, journals, music, and film. The Library's digital holdings include newspapers, journals, books, encyclopedias, streaming voice, DVD/CDs and other non-print media. To support student academic success, full-text periodical and reference databases are available online via a Library home page (www.shoreline.edu/library) that features reviewed web sites, online reference services, research tutorials, and links to other libraries.

In addition to quiet, reading and study areas, the second floor includes an information/research and media classroom, computers available for student use, copy machines, and group study rooms equipped with media playback units. Internet connectivity is provided for students through the building's wireless network. Digital cameras and other media equipment are available for student use.

Faculty and staff are on hand throughout the building to assist students with research, information, and technology questions. Librarians and staff provide both general and subject-specific guidance as well as research and information literacy instruction. The Tutoring Center, the Math Learning Center, the Biology & Chemistry Learning Center, The Writing and Learning Studio, and other student learning services are co-located with the Library on the second and third levels of the building to provide students with easy central access to academic support.

Multicultural Center

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

The Multicultural Center 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 Center 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 one another during social and cultural gatherings.

The Multicultural Center offers opportunities for skill and leadership development through workshops, conferences, and community service. The Center also sponsors presentations and performances that highlight aspects of diversity. Resources are available for College employees interested in integrating multicultural theory and perspectives into the curriculum or work settings.

Parent Child Center

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

Shoreline Community College's Parent Child Center (PCC) provides child care and early learning services for children of students, College employees, and community members. Children of students and employees receive priority enrollment status. The PCC accepts Working Connections Child Care subsidies and students are eligible for discounted rates. The PCC is supported by funds from the Associated Student Government.

The PCC is licensed by the State of Washington Department of Early Learning. The PCC participates in Early Achievers, the State's Quality Rating and Improvement System (QRIS). The PCC has been rated at a level 3+ of 5.

The PCC is located in building 1900. It serves children between the ages of six weeks and five years. It is open from 7:30 a.m. - 5:30 p.m. Monday through Friday. The PCC is open year round including between quarters. Part-time and full-time options are available. The program provides breakfast, lunch, and two afternoon snacks, which are prepared on site.

The PCC follows Shoreline Community College's calendar for federal and state holidays. In addition, the PCC is closed for Convocation, for one week in August, and several Friday afternoons for professional development and training of staff. The Parent Child Center works in collaboration with Parenting Education faculty.

Parenting Education Program

(206) 546-4593
shoreline.edu/parenting-education

The Parenting Education Program encourages parents to develop child guidance skills and a personal philosophy of family relations. Child development, parenting roles in home and society, and family communications are studied in a supportive environment. Parents enroll in college-level, credit-bearing courses. Up to 6 credits of Parenting Education courses may be used toward the AA-DTA transfer degree.

Cooperative preschools are located throughout the college district. These programs are affiliates of the College and have varying hours depending on the number of participants. Each preschool is a separate non-profit corporation, with responsibility for the financing and operation of their cooperative preschool. The college provides the instructors for the Parenting Education courses. The seven affiliated Parenting Education Cooperative Preschools serve parents of children from infants through age 5. For information on the schedules of these affiliated preschools, please call (206) 546-4593. To enroll, contact the cooperative preschool directly.

Student Accessibility Services (SAS)

sas@shoreline.edu • (206) 546-4545

5000 Building (FOSS), Room 5226
shoreline.edu/student-accessibility-services

Students with disabilities may be eligible to receive reasonable accommodations to help them succeed at Shoreline Community College. Federal and state laws, as well as Shoreline Community College policy, prohibit discrimination of students on the basis of learning, physical, and psychiatric disabilities. Students who have a disability as defined by Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, the Washington Core Services bill, and the Washington Law Against Discrimination, may request accommodations or assistance from Student Accessibility Services (SAS). Students with questions about eligibility and necessary medical documentation should contact the SAS office. The SAS program ensures that legal mandates are followed and that all students have equal access to educational programs, campus services, and activities. Examples of possible accommodations include testing accommodations, notetaking assistance, materials in alternative format, and sign language interpreters. Students who would like to request accommodations may contact the Student Accessibility Services front desk in 5226, email at sas@shoreline.edu, or call (206) 546-4545 in order to make an appointment with the SAS Program Specialist.

Information for students new to SAS, as well as accommodation-related forms for continuing SAS students, may be found online on the SAS webpage.

Hours:

Fall-Spring Quarters: Mon-Th: 8:00am-5:00pm; Friday: 8:00am-4:30pm*

*Summer Quarter: Mon-Th: 8:00am-5:00pm; Friday: 8:00am-12:00pm

Veteran & Military Student Services (VMSS)

5000 Building (FOSS), Rm 5226

https://www.shoreline.edu/oss/veterans/

Shoreline Community College is a long-time supporter of student veteran success. By implementing new and innovative services and policies geared toward military-connected students and veterans, Shoreline Community College Veteran & Military Student Services (VMSS) strives to provide every military-connected student with the resources and support to achieve their goals. Some of the services we offer include:

- Help accessing and understanding GI Bill benefits
- A veteran-specific orientation and academic advisor
- Military transcript evaluation
- Support in determining tuition discount eligibility
- Connection with the campus VETS Club
- Referrals for on-campus disability resources, mental health & wellness counseling
- Access to an on-site Vet Corps representative for assistance navigating community resources
- Access to our Veterans Resource Center (VRC)

Shoreline Community College proudly adheres to the DOD MOU, Principles of Excellence, and 8 Keys to Veteran Success.

Shoreline Community College follows the recommendations of the American Council on Education (ACE) when evaluating military training and education records. Typically, a student veteran pursuing a transfer degree may earn a maximum of 15-credits in the form of restricted electives for prior military training & service. Student veterans pursuing professional / technical degrees are referred to their Faculty advisor for an evaluation of military credits on a case-by-case basis. It is sometimes possible to award credit for military service that is directly applicable to the intended professional/technical degree.

Active duty, reserve members, veterans, and eligible family members receive priority registration. Military-connected students and student veterans may be eligible for a tuition waiver based on the Washington Administrative Code (WAC), section 478-160-163. A tuition waiver is offered to eligible dependents and spouses based on the Revised Code of Washington (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.

Students do not need to be eligible for GI Bill Education Benefits to use Veteran & Military Student Services (VMSS). All veterans and military-connected students (including dependents) are encouraged to visit the VRC.

I certify that:

This institution 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 regarding the award of student financial assistance.

The information contained in this catalog/application form is true and correct in content and policy *and I am aware that the institution or facility must comply with applicable statutes and regulations and that failure to comply may lead to suspension or withdrawal of programs by the WSAC/SAA and/or DVA.*

Derek Levy
Dean of Student Support & Success

VA Pending Payment Compliance

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

DVA Facility Code: 14913447

Person/Title Completing Addendum: Missy Anderson - Program Specialist III/Certifying Official

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Veteran Readiness and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the students enrollment;
- Assess a late penalty fee to;
- Require student secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

• Produce the Certificate of Eligibility by the first day of class;
• Provide written request to be certified;
• Provide additional information needed to properly certify the enrollment as described in other institutional policies

I, Missy Anderson - Program Specialist III/Certifying Official, do hereby certify this addendum to be true and correct in content and policy. Our institution will adopt this addendum, effective 1 August 2019, and will incorporate into the next revision of our catalog.

Signature: Missy Anderson SCO

Date: 4.14.2020

Veterans Resource Center (VRC)

206-533-6674 • 5000 Building (FOSS), Room 5225A

Monday - Thursday	8 a.m. - 5:00 p.m.*
Friday	8 a.m. - 4:30 p.m.*

*Hours may differ during Summer quarter

Shoreline Community College's VRC is a robust community of student veterans, military-connected students, and dependents who understand that the transition 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 any question regarding the College's policies and procedures as well as provide basic information on VA regulations and eligibility.

Teaching and Learning Assistance Centers

Tutoring Services

pttutors@shoreline.edu • (206) 546-4776
4000 Building (LIBRARY), Room 4228

Tutoring Services provides free one-on-one tutoring for a majority of the classes taught on campus. Students may apply to receive individualized tutoring support for each class in which they are registered. Tutoring Services also provides a variety of smaller drop-in centers as well as conversation and tutoring groups. Students may also find jobs as tutors through Tutoring Services.

Biology & Chemistry Learning Center (BCLC)

pttutors@shoreline.edu • (206) 546-4776
4000 Building (LIBRARY), Room 4201

The Biology & Chemistry Learning Center (BCLC) serves students in all Chemistry and Biology courses. This is a drop-in center where tutors and faculty provide assistance. The BCLC has a variety of scientific models, equipment, and texts to use in the Center.

Computer Science & Engineering Learning Center (CSELC)

pttutors@shoreline.edu • (206) 546-4776

The Computer Science and Engineering Learning Center (CSELC) serves students in all Computer Science and Engineering courses. This is a drop-in center where tutors provide assistance.

English as a Second Language (ESL/GED) Computer Lab

(206) 546-6624 • 1700 Building, Room 1721

The ESL/GED computer lab provides students with additional assistance towards learning English as a second language. The lab is equipped with computers and training modules to enhance the study of the language. Students may drop in during open lab hours.

Math Learning Center (MLC)

(206) 546-5825 • 4000 Building (LIBRARY), Room 4213

The Math Learning Center (MLC) is a drop-in facility which serves students in math courses from arithmetic through calculus. The MLC provides individual assistance and the opportunity for students to work in groups. Equipped with computers, graphing calculators, videos, and printed materials, the MLC provides a supportive environment for students studying math.

Physics Learning Center (PLC)

pttutors@shoreline.edu • (206) 546-4776
2900 Building, Room 2923

The Physics Learning Center (PLC) serves students in all Physics courses. This is a drop-in center where tutors provide assistance.

The Writing & Learning Studio (TWLS)

(206) 546-7663 • 4000 Building (LIBRARY), Room 4301

The Writing & Learning Studio (TWLS) provides opportunities for students to develop writing, reading, and study skills in a friendly lab environment. Resources include English lab credit courses; instructional handouts; books about writing, reading and vocabulary development, and study strategies; eight computers, and free tutorial assistance for reading, writing across the curriculum (e.g. essays, reports, research papers, etc.), and writing for personal advancement (e.g., personal statements, resumes, etc.). Walk-ins are always welcome.

Technology Support

Classroom Support Services

206-546-6966 • media@shoreline.edu

Classroom Support Services (CSS) assists students using classroom technology systems, online video conference services, and media tools. CSS is located in the 1200 building.

eLearning Services

206-546-6966 • Building 1200 • elearning@shoreline.edu

eLearning Services provides support for students taking online, hybrid, and web-enhanced classes using Canvas, Panopto, and other online learning tools. Prospective and current students are encouraged to take SmarterMeasure, a survey that helps you determine how ready you are to take an online class. Laptops are available for check-out at the Library for students enrolled in at least one online courses. Laptop availability is on a first-come, first-serve basis.

Technology Support Services

206-546-5872 • tss@shoreline.edu

Technology Support Services (TSS) provides and supports computer systems and peripherals, network infrastructure and management, communications systems, email, data storage, software support, technology consulting, and technology procurement services. TSS is located on the lower level of the Library Technology Center in room 4122. Online technology training is available to the entire campus community via LinkedIn Learning (https://www.linkedin.com/learning). Wi-Fi access is available in all campus buildings. Various special purpose computer labs are located across campus and an open computer lab for all Shoreline students is located in the Library Technology Center.

United Way Benefits Hub

206-546-5845 • benefitshub@shoreline.edu • Building 9000 (PUB), Second Floor, Room 9203

https://www.shoreline.edu/apply-and-aid/financial-aid/benefits-hub/default.aspx

Shoreline is host to a United Way of King County Benefits Hub, providing emergency assistance and important income supports for students, including:

- Food pantry
- Utility bill and grocery assistance
- Paying for the bus
- Free tax preparation
- Financial coaching
- Understanding your credit report
- Creating a savings account

WorkSource Job Connections Center

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

WorkSource partners are equal opportunity employers and providers of employment and training services. Auxiliary aids and services are available upon request for persons with disabilities. Washington Telecommunications Relay 711.

Services include:

- Access to computers, phone, copier, fax, onsite job board
- Connections to community resources (childcare, foodbank, healthcare)

- Information on paying for your education
- Onsite Employment Security Representative who can help with:
    - Finding employment, resumes, cover letters, & interview skills
    - Completing Unemployment Insurance paperwork including Commissioner Approved Training/Training Benefits applications (CAT/TB)
    - Navigating Employment Security's website: http://www.worksourcewa.com

Other College Services

Bookstore

(206) 546-4732 • 9000 Building (PUB), First Floor
shoreline.edu/bookstore

Monday - Thursday	9:00 a.m .- 4:00 p.m.
Friday	8:00 a.m. - 12:00 p.m.

The bookstore is open extended hours the first week of the quarter. Hours vary for summer quarter and the time period between the end of summer quarter and Labor Day.

More than just a place to order books, the Bookstore offers a variety of items to support the diverse needs of students, staff, and visitors. The bookstore offers a variety of art and photography supplies, general office supplies, as well as emblematic gifts and clothing. Fresh coffee and a wide variety of snacks and refrigerated foods are also available in the bookstore.

Textbooks can be found and purchased online.

The bookstore accepts cash, debit/credit cards, and checks. Checks will require a valid form of ID as well as a campus ID that matches the name on the check.

Textbook Buyback

Buyback is offered in person and online year-round. The most optimal buyback period is at the end of each quarter when titles have been determined for the upcoming quarter. For online buyback please visit our website at www.shorelinebookstore.com and select "Sell Your Textbooks" found at the bottom of the website.

Campus Safety and Security

5000 Building (FOSS), Room 5102

The Shoreline Community College Safety and Security Department provides security seven days a week, 24 hours a day. The Safety and Security department manages traffic safety, parking, emergency preparedness and response, and crime prevention. This department works closely with Shoreline Fire and Police Departments.

Emergencies during daytime hours	ext. 4633 or (206) 546-4633
Office business line	(206) 546-4633
After hours (4:30 p.m.) and weekends	ext. 4499 or (206) 235-5860
Shoreline Police and Fire Departments	911

Contact the Safety and Security Department for the following: emergencies (any fire, medical, or disasters); crimes on campus, including damage to campus facilities or property, or traffic collisions, disputes, parking or other violations.

You do not need to dial a number or ext. at a Blue Light Phone.

Dental Hygiene Clinic

(206) 546-4711 • University of Washington, Montlake campus

http://dental.washington.edu/patients

The Shoreline Community College Dental Clinic is a non-profit clinic in partnership with the University of Washington School of Dentistry. Our advanced students provide quality care with direct supervision from registered dental hygienists and licensed dentists, and offer a range of services at reduced cost.

Food Service

(206) 546-6918 • shoreline.edu/cafeteria

Hospitality provides self-service vending on campus from the PUB location. Shoreline strives to provide a variety of healthy meal and snack options tailored to the diverse college community. Food service needs for persons with disabilities should be addressed to the college Americans with Disabilities Act compliance office, located in the Student Support Programs on the second floor of FOSS (5000 Building).

Housing

(206) 542-8779 • 9000 Building (PUB), Room 9301
http://www.shoreline.edu/housing

Shoreline's first residence hall, 7000 Campus Living, opened in fall 2019. Located at the front of campus, the new building 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 building features onsite laundry facilities, indoor/outdoor community space, and 24/7 staff support. 9 & 12 month leases are available. For more information, visit the website or e-mail hello@7000campusliving.com.

Insurance

Student accident/health insurance (and/or other types of insurance) may be required in some programs. Students with F-1 visas must either obtain their own health insurance or purchase an insurance plan through Shoreline Community College. More information is available at the International Education Office in the 9000 (PUB) building.

Parking and Transportation

Campus Safety and Security is charged with the responsibility of establishing rules and regulations for pedestrian, vehicular, and non-vehicular traffic on property owned, operated, and/or maintained by the College. Parking and traffic laws are granted to the college by RCW 28B.50.140 (10) to provide a fair and uniform method of regulating such rules and regulations. Failure to abide by these laws may result in a fine, as well as being considered a violation of the code of student conduct.

Parking after 3:00 p.m. M-F, and during weekends, holidays, and campus closures is free, and students can park in staff lots during those times.

Quarterly parking permits are required for all students who wish to park on campus during daytime hours. One pre-purchased student permit allows students to park on campus in all student lots. The fee is $45 plus tax per quarter. Permits can be purchased at the Cashier's Office (2nd floor of the 5000 building, price is subject to change.) Purchase of a parking permit does not guarantee a parking space. Student parking permits must hang from the vehicle's rear view mirror facing outward in order to be valid.

For vehicles transporting two or more students at the same time, a limited number of carpool permits are available at the Safety & Security Department, room 5102. Carpool permits are free of charge and allow parking in the Greenwood Parking Lot only.

Motorcycles and bicycles must park in designated areas only. Please obtain a parking lot map at shoreline.edu/safetyandsecurity to locate the appropriate parking area for your cycle. Motorcycles do not need a parking permit.

Disabled parking is available on campus. A valid Washington State disabled parking placard is required to park in disabled parking spaces.

There is no student parking allowed at any time in the Visitor Lot. Students parking in the Visitor Lot will be cited. Multiple unpaid violations will result in your vehicle being impounded (towed).

Illegal parking will result in fines and/or having a vehicle impounded (towed). It is illegal at all times to park in roadways, fire lanes, bus zones, loading zones, on walkways or pedestrian paths, landscaped areas, curbs zoned with red, areas with "No Parking" signs, or in service driveways. Other violations that may result in a vehicle being impounded include: blocking a fire hydrant, blocking another legally parked car, double parking, parking in a marked tow away zone, or having outstanding unpaid citations at the College. Fines are payable at the Cashier's Office.

If there is reason to believe a ticket was unjustified, a citation appeal form can be obtained at campus Safety & Security (5102). Appeals must be filed within 5 working days of the date on the ticket; after that time the fine must be paid and cannot be appealed. For further assistance with parking, citations, appeals, and questions, please contact the Safety & Security Department at (206) 546-4633 or stop in Room 5102, Mon-Fri, 8:00 a.m. to 4:30 p.m.

Suggestions for Easier Parking

The Greenwood Avenue North lower lot usually has parking available throughout the day.

- Consider taking classes in the afternoon and at night, when parking is readily available and free. Please be considerate of our surrounding community by adhering to the speed limits, not parking in residential neighborhoods, and keeping all of our streets free of litter.

Student Life

Shoreline Community College encourages students to take advantage of our services and facilities, and welcomes student involvement in campus activities and special events. Students are offered many opportunities to become involved in the campus community through attendance at special educational programs offered outside of the classroom, through participation with clubs and organizations that plan these programs, through participation in recreational or intercollegiate sports, and especially through working with the students, professional staff, and faculty who support these programs. Students can learn valuable skills and develop a community by taking leadership roles in campus organizations. Participation in extracurricular programs is always valued and will broaden students' educational experience at the college.

Student Life

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

No matter what where you come from or what you're studying, the student life experience at Shoreline Community College is where learning extends outside of the classroom. Student Life offers students a variety of opportunities to explore new interests or passions and develop essential personal, leadership, and life skills through participation in student leadership roles, clubs and organizations, performing arts, intramural and intercollegiate sports, or activities and events. These experiences complement and support students' academic learning and allow them to make lifelong connections with faculty/staff and peers and contribute to the campus community while gaining valuable experience.

Student Government

The Associated Student Government (ASG) serves as the representative voice for Shoreline Community College students. ASG student leaders provide valuable perspective and insight to the college by engaging with the Board of Trustees, faculty/staff, and governance committees on important issues related to their educational experience. They serve on a broad range of committees that work to improve the learning environment on campus, policies and procedures, and guide the overall direction and priorities of the college. ASG also facilitates different activities and methods to provide students with an opportunity to voice concerns about issues.

ASG oversees the Services and Activities (S&A) Fee, the Student Technology Fee, and the Sustainability & Commuter Options Fee (SCOF). Through management of these fees, ASG allocates funds and provides advocacy and support to various campus programs, clubs and organizations. ASG has provided leadership for many recent campus innovations, including the creation of the Multicultural Center, the implementation of the Student Technology and SCOF Fee, expansion of campus shuttle service, and addition of water bottle filling stations and all-gender restrooms on campus.

Arts & Entertainment Board

The Arts & Entertainment (A&E) Board serves as Shoreline's student-led campus programming team. A&E student leaders plan, support, and promote a wide variety of events throughout the year that engage students outside of the classroom, including New Student Orientation, Welcome Week, and Sun Fest, to name just a few. A&E also creates and distributes the annual Survival Guide to provide valuable resources and important dates to promote student success. All A&E events are open and free to current Shoreline students.

Intercollegiate Athletics

(206) 546-4746 • 3000 Building (GYM)
shoreline.edu/athletics

Athletics Department sport offerings are Men's and Women's Basketball, Men's and Women's Soccer, Women's Volleyball, Men's Baseball, and Women's Softball. Shoreline's teams are aligned with the Northern Region of the NWAC Conference which includes community colleges in the Seattle area and West and North of the city into British Columbia. Teams routinely travel to Eastern Washington, Oregon, and other national and regional areas for non-regional play.

Academics is very important to Shoreline Athletics and the department has a number of student athletes each quarter that are featured on the department's academic wall. The department strives for student athletes to complete their specific degrees or certificates and be eligible to compete athletically at four year colleges.

The Shoreline sport programs also offer partial scholarships for talented athletes in all intercollegiate sports. NWAC rules allow up to 65% of tuition per quarter to be paid by the athletic department for some student-athletes and athletes may work athletic-funded jobs for up to $1500 per academic year. The NWAC limits the number of scholarships offered and Shoreline's financial resources only allow a certain number of scholarships to be funded so not all scholarships are funded to the maximum limit.

Intramural and Wellness Programs

(206) 546-6994 • 3000 Building (GYM)
shoreline.edu/athletics/intramurals.aspx

The Shoreline Community College Intramural Department encourages all students to participate in a wide variety of recreational activities. The program features tournaments, clubs and specialty programs. Activities are geared towards men and women of all ages and skill levels. Beginners are welcome! Basketball, soccer, ping-pong, and badminton are some of the more popular activities. Club activities are less competitive or non-competitive in nature. The purpose of these clubs is to allow

people with similar interests to get together and participate in their chosen activity. Specialty programs include both individual events and year long activities. The annual ski trip is an example of an individual event, while yoga and Zumba are examples of year long classes. Students are encouraged to become involved and make suggestions for new programs, clubs and events. The Intramural Department works towards providing any activity or program that is of interest to the students of Shoreline Community College.

Policies for Students

This section provides summaries of selected policies and procedures that affect students. For complete text and more information, please visit shoreline.edu/currentstudents/student-policies.aspx.

Summary of Student Rights

Student Rights and Responsibilities are protected through policies and procedures adopted by the College's Board of Trustees. Following are some of the key policies pertaining to students. A full description of the policies and accompanying procedural guidelines can be found in the office of the Vice President, Students, Equity & Success or via the college website.

Title IX

Shoreline Community College is in compliance with Title IX of the Educational Amendments of 1972. Title IX prohibits discrimination on the basis of sex and protects students from sexual harassment in a school's educational programs and activities. This amendment protects students in connection with all academic, educational, extracurricular, athletics, and other programs of the institution. Sexual harassment, which is unwelcome conduct of a sexual nature and includes acts of sexual violence, is a form of sex discrimination and violates Title IX as well as Title VII of the Civil Rights Act of 1964.

Shoreline Community College is also in compliance with Title VI of the Civil Rights Act of 1964. All educational programs and services will be administered without regard to race, creed, disability, religion, color, national origin (including minorities with limited English language skills), age, marital status, gender, sexual orientation, or status as a Vietnam-era or disabled veteran.

Inquiries regarding compliance with any of these regulations or relevant grievance procedures should be directed to the Vice President for Students, Equity and Success.

In accordance with the Rehabilitation Act of 1973, Section 504, all educational programs will be provided without regard to physical status. No otherwise qualified individual with disabling conditions shall, on the basis of disability, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program, activity or service administered by the college. Students who would be deemed qualified are those individuals who can perform at an acceptable level of productivity in a vocational education and/or academic setting. Reasonable accommodations will be made unless such accommodations will cause undue hardship on the college. Campus facilities and programs are accessible to individuals with disabling conditions.

Freedom from Discrimination

Shoreline Community College policy prohibits illegal discrimination in any form including, but not limited to, sexual harassment of or by any student, faculty, administrator, or staff. See College Policy 4111 (Affirmative Action/Equal Opportunity) and 4113 (Discrimination, Harassment and Title IX). If you believe you have been harassed or discriminated against because of your race, ethnicity, gender, age, or marital status, please contact the Vice President for Students, Equity & Success or the Title IX Coordinator at TitleIXCoordinator@shoreline.edu.

Academic Credit by Prior Learning Assessment

Students can earn academic credit by prior learning by matching their college-level experience to a variety of college course outcomes. Shoreline Community College recognizes that students may have acquired college-level knowledge and skills in a variety of situations: employment, military experiences, internships, independent research, volunteer or civic work, and prior coursework. To minimize the loss of credit and to prevent the repetition of educational achievements, an assessment process for awarding credit for prior learning has been established.

Credit for prior learning must be related to the current theories, practices, and content of the relevant academic field, as assessed by college faculty with current content expertise. Documentation of learning shall be comprehensive, independently verifiable, authentic, and up-to-date. High academic standards for awarding credit will be applied, and the evaluation of prior learning will be consistent with effective contemporary assessment methodologies in respective fields. Evaluation of prior learning may include portfolio reviews, standardized testing, demonstrations, product creation, interviews, and/or other processes as determined by discipline faculty in academic departments. Specific information is provided below regarding Prior Experiential Learning, Extra-Institutional Learning, Credit by Testing, and Course Challenge.

Students considering academic credit by prior learning will meet with faculty advisors to discuss the feasibility of such credit, the available options, petition process (if applicable) and required documentation. Some colleges and universities may not accept academic credit by prior learning as transferable credit.

Please check with the program or division for a listing of the courses available for Awarding Academic Credit by Prior Learning Assessment (College Policy 5164). Learning outcomes achieved through prior learning must match all the outcomes for college course work for students to be awarded credit. Students are encouraged to use the Course Challenge examination process for challenging courses, if available. Not all college coursework is available for academic credit by prior learning.

Prior Experiential Learning (PEL)

Prior Experiential Learning refers to knowledge and skills acquired through experience alone, evaluated subjectively by faculty via an evaluation of a compilation of work (i.e., portfolio). Credit awarded by PEL may not exceed 25% of credits required for a program,

certificate or degree. PEL may not be available for all courses. Student may need to show experiential learning for relevant prerequisite course outcomes as well as the petitioned course. If challenge exam exists for a course, credit by PEL will not be awarded. Instead, pursue Course Challenge (see below). There will be a fee per course petitioned, whether awarded or not. Procedures are outlined in the Petition for Credit by Prior Experiential Learning.

Extra-Institutional Learning (EIL)

Extra-Institutional Learning refers to knowledge and skills acquired outside the institution and objectively verified through third-party certifications or industry-recognized testing/training. Shoreline has reviewed certain professional programs which are recognized regionally/nationally and established clear criteria for assigning credits for these programs. Certificates or professional training experiences for which clear criteria do not exist may be reviewed for credit through the PEL or Course Challenge. Procedures are outlined in the Petition for Credit by Extra-Institutional Learning. No Fee.

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

Students who complete college-level work in high school can receive appropriate credit or placement or both on the basis of performance in the Advanced Placement Program (AP) of the College Board or the International Baccalaureate® (IB) program.

Request AP test scores be sent to Shoreline Community College by going to the Collegeboard webpage (collegeboard.org). The International Baccalaureate® (IB) provides an official transcript of grades for the Diploma Programme (DP). Request IB transcripts be sent to Shoreline by going to ibo.org/en/programmes. For a complete list of AP and IB scores that can be used for credit, visit shoreline.edu/placement. Shoreline does not generally award credit for the College Level Examination Program (CLEP), but exceptions can be made by the appropriate division dean. Relevant courses will be transcribed with a "P" grade at Shoreline Community College for no fee.

Course Challenge

Students currently enrolled at Shoreline Community College may obtain credit for certain courses by satisfactorily passing course challenge examinations. Course challenge examinations are sufficiently comprehensive to determine that students have the same knowledge and skills as those students who enroll in, and successfully complete, the course. A student should have previous training, private study, work experience, or other bona fide qualifications indicating the student has knowledge or ability equivalent to the course completers.

Course challenge exams may be taken only once per course, and once a decision has been rendered and the grade issued, students will not be allowed to repeat the exam(s); however, they may choose to enroll in the course. A student may not take a challenge exam for a course that they have audited or failed. Not all courses offer Course Challenge examinations. Procedures are outlined in the Petition for Credit by Course Challenge. Fee per course petitioned.

Community Standard

Shoreline's community standard reads as follows:

> "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. 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. We 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.

In accordance with this standard, it is Shoreline'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 own conduct; and comply with all laws and contract requirements applicable to workplace and academic behavior.

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

1. Alert Safety and Security (or law enforcement) if needed
2. Report the incident to the Community Standard email box: communitystandard@shoreline.edu
3. Share the incident with an instructor or administrator as needed

Students who engage in behavior that violates the community standard are subject to disciplinary action in accordance with the Student Conduct code. (Policy 5030)

Expressive Activities

Any recognized student organization, with the knowledge and approval of its advisor, may invite to the campus any speaker the group would like to hear. Although it is the advisor's responsibility through the inviting group to ensure the educational relevance of such programs, all such speakers have complete discretion in the content and manner of their presentation, subject to restraints imposed by federal and/or state constitutions and statutes.

Moreover, the appearance of an invited speaker on campus does not involve an endorsement, either implicit or of explicit, his/her views by Shoreline Community College, its faculty, its administration, or its Board of Trustees. (College Policy 1005 - Use of College Facilities for Expressive Activities)

Use of Human Subjects

It is the policy of the Board of Trustees regarding the use of human subjects to protect the rights, well-being, and personal privacy of individuals, to assure a favorable climate for the acquisition of technical skills and the conduct of academic inquiry, and to protect the interest of Shoreline Community College. (College Policy 5329 -Use of Human Subjects)

Reasonable Accommodation of Students with Disabilities

Students with disabilities have the right to request and receive reasonable accommodations to ensure access to programs and facilities at Shoreline Community College. To receive such accommodations, students are responsible for directing requests in a timely manner to Student Accessibility Services along with documentation of the nature and extent of their disability. Reasonable accommodations include, but are not limited to: modification and flexibility in test-taking arrangements; adjustments in nonacademic services and other rules; and auxiliary aids and services. (College Policy 5114 - Reasonable Accommodation of Students with Disabilities)

Student Conduct

See Shoreline's full Conduct Policy (Policy 5030, WAC Chapter 132G-121) for additional details and definitions.
The freedom to learn depends upon appropriate opportunities and conditions in the classroom, on the campus, and in the larger community. Students should exercise their freedom with responsibility. The responsibility to secure and to respect general conditions conducive to the freedom to learn is shared by all members of the College community. The following enumerated rights are guaranteed to each student within the limitations of statutory law and College policy which are deemed necessary to achieve the educational goals of the College: (1) Academic freedom and (2) Due process.

The College may impose disciplinary sanctions against a student who commits, attempts to commit, aids, abets, incites, encourages, or assists another person to commit, an act(s) of misconduct, which include, but are not limited to the following: (1) Academic dishonesty; (2) Other dishonesty; (3) Obstructive or disruptive conduct; (4) Assault, intimidation, harassment; (5) Cyber-misconduct; (6) Property violation; (7) Failure to comply with directive; (8) Weapons (except under certain circumstances); (9) Hazing; (10) Alcohol, drug, and tobacco violations; (11) Lewd conduct; (12) Discriminatory conduct; (13) Sexual misconduct; (14) Harassment; (15) Retaliation; (16) Misuse of electronic resources; (17) Unauthorized access; (18) Safety violations; (19) Violation of other laws or policies; and/or (20) Ethical violation.

Possible disciplinary sanctions for violation of the student conduct code include: (1) Disciplinary warning; (2) Written reprimand; (3) Disciplinary probation; (4) Disciplinary suspension; or (5) Dismissal. Terms and conditions may be imposed alone or in conjunction with the imposition of a disciplinary sanction including, but not limited to, the following: (1) Restitution; (2) Professional evaluation; (3) Not in good standing; and/or (4) No contact order.

For questions about the Student Conduct Policy, contact the Office of Students, Equity & Success (206) 546-4641, FOSS (Building 5000), Room 5202.

Student Grievance

Students have recourse to grieve decisions relating to academic evaluations (i.e., grades) by their instructors through an orderly procedure. (College Policy 5035 - Student Grievances - Academic Evaluation)

1. The first step in the academic grievance procedure is to seek out the involved faculty member(s), state the nature of the grievance, and make a serious attempt to mutually resolve the issue. Support for students throughout this process is available through Student Life.
2. If the meeting with the instructor(s) does not resolve the complaint, the student may request a meeting to discuss the grievance with the division dean. This meeting must take place no later than the 20th instructional day (class day) of the next regular academic quarter, excluding summer quarter.
3. If the meeting with the division dean does not resolve the grievance, the division dean will call a meeting with the student and the involved faculty member(s).
4. If the meeting with the division dean and involved faculty member(s) does not produce a mutually satisfactory solution, the student may present the complaint to the Committee for Resolution of Academic Grievances (CRAG). This committee consists of four faculty members, two students, one administrator, and the Vice President for Student Learning, Equity, and Success.

Grades will only be changed under the following circumstances:

a. a mistake was made in the calculation of the grade
b. the instructor(s) did not follow the grading policy stated in the course syllabus or applied the policy selectively
c. the grading policy for a course was unclear or incomprehensible
d. the instructor(s) acted in bad faith or in a fraudulent manner

For more details about this process, please see Policy 5035, Student Grievances - Academic Evaluation, Associated Procedures.

Title IV Student Complaint Process

The Higher Education Act (HEA) prohibits an institution of higher education from engaging in a "substantial misrepresentation of the nature of its educational program, its financial charges, or the employability of its graduates." 20 U.S.C.§1094(c)(3)(A). Further, each State must have "a process to review and appropriately act on complaints concerning the institution including enforcing applicable State laws." 34 C.F.R. §600.9. The Washington State Board for Community and Technical Colleges (SBCTC) maintains a process to investigate complaints of this nature brought by community and technical college students in the State of Washington. For more information, contact the SBCTC Student Services Office at (360) 704-4315.

Dishonesty in Academics

Each student is expected to exhibit academic integrity. Shoreline Community College does not permit any form of academic dishonesty, such as cheating or plagiarism. (Policy 5030)

a. Cheating includes any attempt to give or obtain unauthorized assistance relating to the completion of an academic assignment.

b. Plagiarism includes taking and using as one's own, without proper attribution, the ideas, writings, or work of another person in completing an academic assignment. Prohibited conduct may also include the unauthorized submission for credit of academic work that has been submitted for credit in another course.

c. Fabrication includes falsifying data, information, or citations in completing an academic assignment and also includes providing false or deceptive information to an instructor concerning the completion of an assignment.

Consequences of any breach of academic integrity shall be clearly defined in a course syllabus and/or any applicable program handbook and may include withholding credit, lowering of grade, failure (0.0) for the assignment and/or course, and/or dismissal from an academic program, or lesser sanction. Matters involving academic dishonesty may be referred to the Vice President for Students, Equity & Success for additional disciplinary action(s).

Student Records and Rights to Privacy

All students at Shoreline Community College are protected by the Family Educational Rights and Privacy Act (FERPA) of 1974. Student privacy is protected with certain restrictions on the disclosure of educational records and information. Students have the following rights, protection, and privacy of their educational records at Shoreline Community College.

1. The right to inspect and review their own student education records within 45 days of the day the college receives a request for access. The student should submit a written request to the Enrollment Services identifying the records(s) they which to inspect.
2. The right to request the amendment of the student's education records the student believes are inaccurate.
3. The right to authorize disclosure of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. The College will disclose the following information authorized by FERPA on all students:
    - Student name
    - Dates of attendance
    - Enrollment status (full or part time)
    - Major or field of study
    - Dates of attendance
    - Date of graduation
    - Honors
    - Degrees and certificates awarded
    - Height and weight of student athletes

    Directory Information can be released by the College unless the Enrollment Services has received a written notice signed by the student requesting non-disclosure of all student information.

    FERPA authorizes disclosure without consent to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including campus security); a person or company with whom the College has contracted (such as an attorney, auditor, collection agent, or verification agency); a person serving on the Board of Trustees; or a student assisting another school official in performing his or her tasks. Upon request, the College may disclose education records without consent to officials of another school in which a student seeks or intends to enroll, and to military recruitment services pursuant to the Solomon Amendment. The College is also required to provide information to the Federal Government regarding students who may be eligible for the American Opportunity Tax Credit programs. The College does not disclose education records to family members without student written consent.

4. Students have the right to file a complaint with the U.S. Department of Education concerning alleged failure by the college to comply with the requirements of FERPA. The name and address of the Office that administers FERPA:
    Family Policy Compliance Office
    US DEPARTMENT OF EDUCATION
    400 MARYLAND, 400 AVENUE, SW
    WASHINGTON, DC 20202-4605

The College's academic regulations are an ongoing concern of the Faculty Senate and the college governance structure. As such, any of the following requirements are subject to periodic review and possible change.

Academic Standards

Students are expected to maintain a quarterly GPA of 2.0 or higher and earn at least half of the credits attempted each quarter. The College will notify students via email that they have not met academic standards and they will be provided appropriate support at each level.

EXCEPTIONS: Students enrolled exclusively in classes categorized as basic skills (Classification of Instructional Program Code family 32) may be exempted from this policy and the associated procedures. The definition of Academic Standards and the need for appropriate support will be determined by faculty within those courses.

Also, selected academic programs may stipulate additional requirements for academic standards and implement additional procedures for students in those programs. (See full Policy 5032 and Procedures)

Reasonable Accommodations for Religion/Conscience

Students who will be absent from course activities due to reasons of faith or conscience may seek reasonable accommodations so that grades are not impacted. Such requests must be made within the first two weeks of the quarter using the Faith and Conscience Absence Form.

Grading

Procedural Guidelines

1. Time Frame for Assignment of Possible Grades - Fall, Winter, Spring

WEEK(S)	POSSIBLE GRADES
1 - 2	NONE
3 - FIRST DAY OF SEVENTH WEEK	N OR W- IF EARLY EXIT PROCEDURE IS FOLLOWED.
7 - LAST DAY OF INSTRUCTION	I, NP, P, Z- IF EARLY EXIT PROCEDURE IS FOLLOWED.
FINAL EXAM WEEK	4.0 - 0.7, 0.0, H, I, NP, P, Z

2. Time Frame for Assignment of Summer Quarter Grades

Enrollment & Financial Aid Services will publish the time frame for summer quarter. (See also Academic Calendar.)

3. Grading System [1]

Grade Issued	Description of Grade
4.0	A
3.0	B
2.0	C
1.0	D
0.7 -0.9	Credit can be granted but will not transfer to Washington state baccalaureate institutions
0.0	Failure to complete minimum requirement
H	Course in progress
W	Official withdrawal from course
I	Incomplete (see Incomplete Grade for more detail)
P	Pass (credit only, no grade point)
NP	Not Pass (no credit, no grade point)
N	Audit (see Course Audit for detail)
Z	Hardship Withdrawal (no grade point)
*	Assigned when a grade is not submitted by the instructor in time to be processed. When the grades are processed, the earned grade will be recorded

[1]Note: Per state requirements, a minimum grade point of 1.0 is necessary for the transfer of any credit for baccalaureate institutions that accept the AA-DTA in Washington State.

Shoreline Community College uses the numeric grading system and grade-point values, outlined in the Grading System table, for reporting and recording academic achievement in most courses. A grade of 0.7 or above earns credits. Grades of 1.0 and above qualify for transfer credits in the state of Washington. However, a minimum grade is required for some programs for a number of purposes including technical courses, general education requirements, progression in a sequence of classes, and to satisfy a prerequisite. Students should consult the applicable course descriptions and program requirements if they have questions.

H: Hold Grade

Indicates a course has not yet officially ended and the student is actively involved in finishing the required work. With the approval of the Vice President for Student Learning, Equity and Success, this grade is used in courses that have an official ending date scheduled after the end of the regular quarter. Upon the completion of the course, the instructor will award the final grades that will replace the H grade on each student's transcript.

I: Incomplete

At a student's request, a grade of Incomplete may be given when the instructor agrees that the student, for an unavoidable reason, has been unable to complete a specific course requirement during the eleven-week quarter, but can successfully complete the course work with no additional instruction. The instructor must specify what requirements the student must fulfill in order to convert the Incomplete grade to an appropriate grade on a standard Incomplete Contract form. To obtain credit for the course, the student must convert an Incomplete into an appropriate grade by completing the requirements specified in the standard contract within the time limits specified therein, not to exceed one calendar year from the date of the contract.

N: Audit

If a student chooses audit status (N) for a course, they participate in the coursework, but no credit is earned for the course and a grade is not received. A student must register for the course and pay the regular tuition and fees. A student may change their status to and from Audit with instructor permission by completing the appropriate form in Enrollment & Financial Aid Services no later than the first day of the seventh week of the quarter (or the equivalent in summer quarter). An N will appear on the transcript.

P/NP: Pass/Not Pass

This grade is given when a student successfully completes a course offering a Pass/Not Pass (P/NP) option. By assigning a P, the instructor certifies a performance level of at least 2.0. P allows credit for the course, but the grade will not be considered in GPA calculations. In college-level courses (numbered 100 and higher) designated as having a P/NP option, students who wish to be graded on the P/NP option must submit a Student Option Grading

Form signed by their instructor to Enrollment & Financial Aid Services no later than the end of the day which constitutes the mid-point of the course. Students in pre-college level courses must request the P/NP grade no later than the last day of instruction.

Some degrees and programs require all credits be in decimal-graded classes. For those degrees and programs which do allow P credits, no more than 30 credits can be in non-decimal graded classes. Unless a 2.0 performance level is achieved, the student selecting the P/NP credit will receive a NP grade. The NP grade will not be considered in the GPA calculation.

W: Official Withdrawal

A W grade will be granted at a student's request only from the first day of the third week through the first class day of the seventh week (or the equivalent for the summer quarter) provided the student follows the early exit procedure. No Ws will be given after the cut off date. Ws remain on the transcript but are not counted in GPA computations. A student may not withdraw to avoid consequences of cheating, plagiarism or other intellectual dishonesty.

Z: Hardship Withdrawal

This grade may be given at a student's written request and the instructor's agreement that an unforeseen crisis and/or unusual, extreme circumstance has occurred after the official withdrawal period is over which has interfered with or interrupted the student's ability to attend class and continue performing passing course work. Prior to the end of the official withdrawal period, the W grade should be used. This grade will not be considered in GPA calculations.

Repeat-Excluded or Repeat-Included

When a student repeats a class to improve a grade, "Repeat - Excluded" will appear on the transcript next to the lowest grade(s) for the course. The designation "Repeat - Included" will appear on the transcript next to the highest grade for the course.

4. Dropping or Withdrawing from a Class

a. **Dropping a Class**
   i. Drop procedures are initiated by the student. When a student drops a class, no grade will be assigned and no record of registration will appear on the transcript
   ii. Through the tenth class day (or summer equivalent), the student may drop a class without instructor permission.
   iii. A student may not drop a class to avoid consequences of cheating, plagiarism, or other intellectual dishonesty.

b. **Withdrawal from a Class**
   i. Withdrawal procedures are initiated by the student. When a student withdraws from a class, a grade of W will be assigned and registration is recorded on the transcript.
   ii. From the eleventh instructional day and through the first class day of the seventh week of a regular quarter (or the summer quarter equivalent), the student may officially withdraw from a class by obtaining the instructor's signature or emailed permission.
   iii. The student will follow procedures by notifying Enrollment & Financial Aid Services in order to officially withdraw immediately after obtaining instructor permission.
   iv. A student may not withdraw to avoid consequences of cheating, plagiarism or other intellectual dishonesty.

c. **Early Withdraw Procedure if Extreme or Unusual Circumstances Apply**
   This may be invoked when early withdrawal procedures in 4.b. cannot be followed.
   i. If circumstances do not permit completion of the normal withdrawal procedure, the instructor, appropriate division dean, or the Vice President for Students, Equity & Success, if necessary, may sign a Schedule Change form to withdraw the student.
   ii. In such cases, if the person signing the withdrawal form is not the instructor, the person signing the form shall notify the student's instructor(s) of the circumstances in order that the instructor may award the appropriate grade.

d. **Hardship Withdrawal**
   i. The student completes a Student Written Request to Instructor for Hardship Grade Form and submits it, along with appropriate documentation of the hardship, to the instructor.
   ii. If, at the instructor's discretion, the request for hardship withdrawal is granted, a grade of Z will be assigned and registration will be recorded on the transcript. This grade will not be considered in GPA calculations.

5. Repeating a Course

Courses may be repeated to improve a grade, but credit is applied only once. In no circumstance will any course be repeated more than twice in order to improve a grade; this is defined as two repeats in addition to the original enrollment. This limit may not apply to all pre-college level courses (numbered less than 100).

To repeat a course for the purpose of improving a grade, the student must register for the course, submit a Course Repeat form to Enrollment & Financial Aid Services during the quarter in which the student is repeating the course, and pay all necessary fees. The lower grade remains on the transcript and is designated with an "Repeat - Excluded", and only the highest grade awarded in a repeated course will be used in calculating GPA at the College. Other colleges and universities may not accept a grade earned in a repeated course. If accepted, the grade may be treated differently in the calculation of grade point average.

6. Computation of Grade Point Average (GPA)

The number of credits for each course is multiplied by the numerical grade awarded resulting in the grade points for that course. The GPA is computed by dividing the sum of the grade points earned in courses awarding numerical grades and V grades by the total number of credits attempted in those courses. H, I, N, NP, P, W, and Z grades are not assigned weights and are not used in computing GPA. When a student transfers from Shoreline Community College to another institution, the grading policy of the receiving institution will be applied to the transcript and the computation of the GPA.

7. Grading Systems

a. **BEdA (Basic Education for Adults)**
Most courses designated as BEdA (Basic Education for Adults) are mandatory Pass/Not Pass courses. For most courses designated as BEdA, instructors may issue letter grades of P or NP, or approve course statuses of H, I, N, W, or Z, as defined above. Some BEdA courses may be designated "Student option grading" in the course description (see 7.c. below). For these courses, instructors may issue decimal grades from 4.0 to 0.7 in 0.1 increments and 0.0, enter letter grades of P or NP, or approve course statuses of H, I, N, W, or Z, as defined in section 3 above.

b. **Graded:**
Students will be awarded grades from 4.0 to 0.7 in 0.1 increments, 0.0, H, I, N, W, or Z.

c. **Mandatory and Optional Pass/Not Pass Systems:**
Divisional faculty, acting in appropriate disciplinary subunits, may designate certain courses as Mandatory or Optional Pass/Not Pass. Faculty will report any change in designation through divisional planning committees and the Curriculum Committee, as well as insure that the correct designation then appears in the quarter class schedule.

i. **Grading in Mandatory Pass/Not Pass Courses.**
The instructor will give only an H, I, N, NP, P, W, or Z grade as defined in section 3.

ii. **Grading in Optional Pass/Not Pass Courses.**
Students wishing to be graded on the Pass/Not Pass system must submit a pass option form signed by their instructor to the registration desk no later than the end of the day which constitutes the midpoint of the course. Students selecting this option will receive a H, I, N, NP, P, W, or Z grade as defined in section 3. Students not qualifying for this optional grading system will receive a numerical grade. Students in pre-college level courses must request the P/NP grade no later than the last day of instruction. Courses assigned by faculty to mandatory or optional pass/not pass will be marked on each quarter's class schedule. All unmarked courses will use only the numerical grading system.

Grade Reports

Grade reports are not mailed to students. Students may view or print an unofficial transcript of their final grades from the College's web site.

Grade Changes

Instructors must submit a signed grade change form to the Records Desk in Enrollment & Financial Aid Services to change a grade. Grade changes are allowed only within one year of the date the original grade was issued.

High Scholarship

President's List

Full-time students (enrolled for at least 12 credits) who have earned at least 30 hours of credit, all of which are used in the computation of the grade-point average*, and who earn a cumulative grade-point average of 3.9 or higher are named to the President's List. In addition, students who attain a cumulative grade-point average of 3.9 to 4.0 shall be designated President's Scholars at graduation.

* Mandatory P/NP courses are excluded from this requirement.

Vice President's List

Full-time students (enrolled for at least 12 credits) who have earned at least 30 hours of credit, all of which are used in the computation of the grade-point average*, and who achieve a quarterly grade-point average of 3.9 or higher have their name

placed on the Vice President's List and shall be designated V.P. Scholar.

* Mandatory P/NP courses are excluded from this requirement.

Honors List

Full-time students (enrolled for at least 12 credits) who have earned at least 30 hours of credit, all of which are used in the computation of the grade-point average*, and who earn a quarterly grade-point average of 3.6 to 3.89 are named to the Honors List.

Students who attain a grade-point average of 3.6 to 3.89 shall be designated Honors Graduates at graduation. Eligibility for these lists is determined by the Faculty Senate and the college governance structure. As such, the standards governing eligibility are subject to periodic review and possible change.

* Mandatory P/NP are excluded from this requirement.

Phi Theta Kappa

Phi Theta Kappa is the national honors scholastic fraternity for American community and junior colleges. Its primary goal is to recognize outstanding community college scholars. To be eligible, a student (either full- or part-time) must have a cumulative grade-point average of at least 3.5 and a minimum of 12 transferable credit hours at Shoreline Community College. Once accepted, the student must maintain a cumulative 3.3 GPA while at the college.

Academic Standards

Students are expected to maintain a quarterly GPA of 2.0 or higher and earn at least half of the credits attempted each quarter. The College will notify students via email that they have not met academic standards and they will be provided appropriate support at each level.

There are three (3) stages of Academic Standards. The first time a student earns a quarterly grade point average of less than 2.0 or does not pass at least half of their attempted credits will be placed on Academic Alert. A list of College resources may be included in their notification. If a student earns a quarterly grade point average of less than 2.0 or does not pass at least half of their attempted credits for a second consecutive quarter they will be placed on Academic Intervention. A registration hold will be placed on their account and they will be required to meet with a designated faculty advisor (general advisor, International Education advisor, program advisor, etc.) to develop specific steps to improve their academic performance and determine appropriate support services. If a student earns a quarterly grade point average of less than 2.0 or does not pass at least half of their attempted credits for a third consecutive quarter they will be placed on Academic Restriction. Students shall be notified by the College via email that they have not met academic standards, a registration hold will remain on their account, and the Vice President of Student Learning, Equity, and Success (VP-SLES) or their designee may reduce credit load, suspend, and/or continue previously required steps or services.

Students will remain on Academic Restriction until improvements are made. Once academic standards have been met for one quarter, all holds and restrictions will be removed and the student will no longer be on Academic Alert. Students who are suspended may complete and submit a Petition for Reinstatement to the VP-SLES or designee. Readmitted students will remain at Stage 3, Academic Restriction until they meet academic standards.

EXCEPTIONS: Students enrolled exclusively in classes categorized as basic skills (Classification of Instructional Program Code family 32) may be exempted from this policy and the associated procedures. The definition of Academic Standards and the need for appropriate support will be determined by faculty within those courses.

Also, selected academic programs may stipulate additional requirements for academic standards and implement additional procedures for students in those programs.

Fresh Start

Students who have not been in attendance at Shoreline Community College or any institution of higher learning for a period of 18 months may request the elimination of their previous Shoreline credits and GPA. The student's academic record and transcript will continue to show the previous courses taken and grades received, but the grades for previous courses will not be used in the calculation of the student's Shoreline GPA, and credits earned may not be used to satisfy graduation requirements. If a student transfers to another college or university, the receiving institution may accept credits and recalculate the GPA according to its own policies. Quarters that include courses used toward the awarding of previous degrees or certificates cannot be expunged.

Credit Information

Credit and Credit Loads

The academic year at Shoreline Community College is three quarters of 11 weeks each. In addition, Shoreline holds an eight-week summer session. In general, a class that meets one hour a week yields 1 hour of credit per quarter; one that meets five hours a week yields 5 credit hours. Laboratory and some other classes may vary from this pattern.

Awarding Academic Credit by Prior Learning Assessment

See Policies for Students for more information.

Placement Reciprocity

Based on placement into English and math pre-college and college level courses at other Washington State community and technical colleges, students can request equivalent placement at Shoreline Community College. The placement recommendation must be in the last 2 years. Please see the College website for Shoreline's current "Placement from another College" practices at shoreline.edu/placement.

Common Course Numbering

Common course numbering (CCN) makes it easier for students to transfer courses between community and technical colleges in Washington because equivalent courses are labeled the same across all colleges. An ampersand ("&") following a course department name, (e.g. ACCT& 201) indicates that the course has a common course number. For more information see: https://ccn.sbctc.edu.

Attendance

Students are expected to attend all sessions of classes in which they are enrolled, in accordance with instructor requirements.

Due to the observance of religious holidays, students who expect to be absent during certain days of the course must provide written notice to the faculty within the first two weeks of the quarter. The notice must include the specific dates the student requests accommodations regarding examinations or other activities. Faculty will coordinate with the student on scheduling examinations or other activities necessary for completion of the course which includes rescheduling examinations or activities or offering different times for examinations or activities.

Student Classification

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

Final Examinations

Final examinations are held at the end of each quarter. Students are required to take the final examination at the time and date specified on the Final Exams Schedule page (shoreline.edu/apply-and-aid/registration/final-exams.aspx) in order to receive credit for a course. *Students who have three (3) or more final exams in one day and cannot come to an agreement with their instructor(s) regarding final rescheduling may petition to the division dean. Such a petition must be received in writing at least two weeks before the beginning of the first day of examinations. Division deans will consult with the affected faculty members before approving or disapproving the petition. Finals for Summer Quarter are given during the last scheduled meeting of the class.

Official Transcripts

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. An official transcript carries the registrar's signature and the college seal. As transcript fees are subject to change, please visit the transcript page of the college website at shoreline.edu/enrollment-services/registration/transcript-request.aspx for the latest fee information. Please allow three to five business days for processing of transcript requests.

Graduation Regulations

Students may elect to graduate under the official catalog published at the time they first begin their degree or certificate at Shoreline Community College, provided they remain continuously enrolled and the time lapsed does not exceed five years. Continuous enrollment is defined as attending a minimum of two quarters during each academic year. If students are not continuously enrolled, they must follow the graduation requirements in the catalog in effect when they re-enter the College. Any student may choose to graduate under the degree or certificate requirements in the current catalog at the time of graduation. (For exceptions in programs such as nursing, see below.) Some programs require a separate application to enter the program. For such programs, students must meet the graduation requirements in place at the time they entered the program or at the time they graduate. For more information, consult an advisor.

Students should ensure they have submitted all documentation of how requirements are met, including official transcripts from other colleges, as well as any documentation of prior learning, if applicable. Students are encouraged to have incoming credit evaluated and meet with an advisor as early as possible. After consultation with the faculty advisor, it is ultimately the student's responsibility to choose and implement his or her program to see that all specific requirements for that program and all general requirements for graduation from the college have been met in an acceptable manner.

To receive a degree or certificate from Shoreline Community College, a student must:

1. Achieve an overall 2.0 cumulative grade point average for all college level courses (numbered 100 and higher) used to satisfy degree requirements, including both Shoreline Community College course work and courses accepted in transfer from other colleges.
2. Earn at least 25 credits or 25% (whichever is lower) of the credits being applied toward the degree or certificate from Shoreline.
3. Fulfill all financial obligations to the college.
4. Meet all requirements of the specific degree or certificate for which they are applying.
5. Satisfy all general and specific requirements of the College, described in the College rules and policies.

NOTE: Certain Shoreline Community College programs may have different grade and graduation requirements. Please consult with a representative of the particular program for details. Institutions to which students transfer after completing their Shoreline degree may calculate G.P.A. differently and may have higher G.P.A. requirements.

Students who are eligible for a degree or Certificate of Proficiency should complete an Application for Degree or Application for Certificate of Proficiency one quarter prior to completing their program of study. Certificates of less than 45 quarter credits are automatically conferred and will appear in students' academic record. Degrees will be awarded on a quarterly basis.

Graduating students do not need to be in attendance to apply for graduation.

Students who enroll as degree-seeking at a four-year regionally accredited institution of higher education before attaining their associate degree, but after completing sixty (60) quarter credits or more of transferable coursework at Shoreline, may transfer credits back to Shoreline to use toward completion of a two-year academic transfer degree.

Graduation Ceremony (Commencement)

Students who have graduated during the previous fall and winter quarters will be invited to participate in the annual spring commencement ceremony, along with all applicants for spring and summer quarter graduation. Participation in the ceremony is not an indication of graduation. In order to be included in the ceremony, graduation applications for spring and summer must be received by the second week of April. For more information on how to apply for graduation and to participate in the annual spring graduation ceremony, call (206) 546-5841. Diplomas are mailed eight to twelve weeks after the end of the quarter degree is earned.

Washington 45

The list of courses in Washington 45 does not replace the Direct Transfer Agreement (DTA), Associate in Science Tracks I and II or any Major Related Program (MRP) agreement, nor will it guarantee admission to a four-year institution.

A student who completes courses selected from within the general education categories listed below at a public community, technical, four-year college or university in Washington state will be able to transfer and apply a maximum of 45 quarter credits toward general education requirement(s) at any other public and most private higher education institutions in the state (NOTE1).

For transfer purposes, a student must have a **minimum grade of C or better (2.0 or above) in each course** completed from this list.

Students who transfer Washington 45 courses must still meet a receiving institution's admission requirements and eventually satisfy all their general education requirements and their degree requirements in major, minor, and professional programs.

General Education Core Requirements | 20 Credits

Communications - 5 Credits

- ENGL& 101
- ENGL& 102

Quantitative / Symbolic Reasoning - 5 Credits

- MATH& 107 *
- MATH& 148
  or
- MATH& 151

* Students planning to transfer to the University of Washington must consult Math Advising, mathadvising@shoreline.edu

Distribution Area Requirements | 45 Credits

Humanities - 10 Credits

(10 credits in two different subject areas or disciplines) (NOTE [2])

Natural Sciences - 5 Credits

(10 credits in two different subject areas or disciplines)

Social Sciences - 5 Credits

(10 credits in two different subject areas or disciplines)

Humanities

- PHIL& 101
- MUSC& 105
- DRMA& 101

- ENGL& 111 or
- HUM& 101

- BIOL& 100
- BIOL& 160 with lab
- ASTR& 100
- ASTR& 101 with lab
- CHEM& 105
- CHEM& 100 with lab
- CHEM& 121 with lab
- CHEM& 161
- CHEM& 162
- ENVS& 100
- ENVS& 101
- PHYS& 121
- GEOL& 101 with lab
- PSYC& 100
- SOC& 101
- POLS& 101
- POLS& 202
- HIST& 116 - HIST& 118
- HIST& 146 - HIST& 148

For colleges that use History as Humanities

- HIST& 116 - HIST& 118
- HIST& 146
- HIST& 147
- HIST& 148

Additional Credits

Additional 5 credits in a different discipline can be taken from any category listed above.

NOTE: Although these courses are listed under categories, the actual course may satisfy a different general education category at a receiving institution.

[1] *Many private non-profit colleges and universities have distinct general education requirements, therefore, students should check with institutions(s)*
they plan to attend regarding application of transfer credits that will meet general education requirements.

[2] *Disciplines are sometimes called subject or subject matter areas and designated by a prefix (i.e., PHIL for Philosophy and POLS for Political Science).*

Distribution Area Requirements

The following is a list of classes that satisfy Shoreline's 2022-2023 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 Cr

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

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

Chinese &121-&123

Cinema 201, 202

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

Laboratory Sciences -5 Credits Min.

Astronomy &101

Biology 107, 124, 126, 144, &211-&213, &231, &232, &241, &242, 244, 249, &260, 274, 275, 277

Chemistry &110, &121, &131, 171/181, 172/182, 173/183, &241/271, &242/272, &243/273

Environmental Science &101, 202

Geography 203, 204

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 106, 119

Anthropology &100, 130, 140, &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

Geography &100, 123, &200, 277, 295

History &116-&118, &136, &137, &146-&148, 207, &214, &215, 218, &219, 234-238, 245-247, 275, 295

Honors 100

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, 207, 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 2019-20 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

Associate in Arts, AA-DTA Planning Guide

AA-DTA: What is it?

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 **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum Units: 5**

Multicultural Understanding (5 Credits)

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

Quantitative/Symbolic Reasoning (5 Credits)

Choose <u>one</u> 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.

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

AS-T (Track 1): What is it?

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 245, HUM 105, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Minimum 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 **Minimum Units: 4**
  and
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Minimum Units: 2.5**

- CHEM 172 General-Inorganic Chemistry II **Minimum Units: 4**
  and
- CHEM 182 General-Inorganic Chemistry II (Lecture-Lab) **Minimum Units: 2.5**

- CHEM 173 General-Inorganic Chemistry III **Minimum Units: 4**
  and
- CHEM 183 General-Inorganic Chemistry III (Lecture-Lab) **Minimum 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

GEOG 203, GEOG 204

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

AS-T (Track 2): What is it?

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:

HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, MCS 105, PSYC 230.

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Minimum 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 **Minimum Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Minimum Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light **Minimum 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 here. 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.

Degree Planning Guide

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

AA-IP: What is it?

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 **Minimum Units: 5**

Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

Choose <u>one</u> 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.

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 www.shoreline.edu/advising

International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697 ieadvisors@shoreline.edu www.shoreline.edu/international/advising/

Associate in Fine Arts

Foundation Studio Art, AFA Planning Guide

Where does my path start?

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 **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum Units: 5**

Multicultural Understanding (5 Credits)

Choose one of the following courses: CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, 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.

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 **Minimum Units: 5**

- ART 132 Drawing 2 **Minimum Units: 5**
- ART 133 Drawing 3 **Minimum Units: 5**
- ART 109 Two-Dimensional Design **Minimum Units: 5**
- ART 110 Three-Dimensional Design **Minimum Units: 5**
- ART 290 AFA Portfolio **Minimum 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 **Minimum Units: 5**
- ART 234 History of Animation **Minimum Units: 5**

Graphic Design

- VCT 101 Graphic Design 1: Typography **Minimum Units: 5**
- VCT 102 Graphic Design 2: Marketing Publication Design **Minimum Units: 5**
- VCT 103 Graphic Design 3: Identity & Branding **Minimum Units: 5**

Painting and Drawing

- ART 251 Painting 1 **Minimum Units: 5**
- ART 252 Painting 2 **Minimum Units: 5**
- ART 253 Painting 3 **Minimum Units: 5**

Photography

- ART 144 Photography 1 **Minimum Units: 5**
- ART 145 Photography 2 **Minimum Units: 5**
- ART 146 Photography 3 **Minimum Units: 5**
- ART 244 Studio Photography **Minimum Units: 5**
- ART 246 Documentary Photography **Minimum Units: 5**

Printmaking

- ART 261 Printmaking 1 **Minimum Units: 5**
- ART 262 Printmaking 2 **Minimum Units: 5**

3D Studio Concentration (12-15 Credits)

Choose any three courses below

Ceramics

- ART 121 Ceramic Art 1 **Minimum Units: 5**
- ART 122 Ceramic Art 2 **Minimum Units: 5**
- ART 123 Ceramic Art 3 **Minimum Units: 5**

Design and Materials

- ART 254 Wood Art & Design **Minimum Units: 5**
- ART 255 Glass Art and Design **Minimum Units: 5**
- ART 256 Fiber Art & Design **Minimum Units: 5**

Sculpture

- ART 271 Sculpture 1 **Minimum Units: 5**
- ART 272 Sculpture 2 **Minimum Units: 5**
- ART 273 Sculpture 3 **Minimum 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

International Advising

9000 Building, Rm. 9302 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Faculty Advisors

Matt Allison 206-533-6792 mallison@shoreline.edu Rm 2053
Zach Maxur 206-546-5822 zmazur@shoreline.edu Rm 2052
Claire Putney 206-546-7638 cputney@shoreline.edu Rm 2056
Alicia Zweifach 206-533-6639 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

Photography, AFA Planning Guide

Where does my path start?

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 **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum Units: 5**

Multicultural Understanding (5 Credits)

Choose *one* of the following courses: CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, 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.

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 (56 Credits)

- VCT 124 Basic Mac & PC Systems Operations **Minimum Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3**
- VCT 136 Adobe: Raster Graphics w/Photoshop **Minimum Units: 5**
- ART 109 Two-Dimensional Design **Minimum Units: 5**
- ART 131 Drawing 1 **Minimum Units: 5**
- ART 144 Photography 1 **Minimum Units: 5**
- ART 145 Photography 2 **Minimum Units: 5**
- ART 146 Photography 3 **Minimum Units: 5**
- ART 244 Studio Photography **Minimum Units: 5**
- ART 246 Documentary Photography **Minimum Units: 5**
- ART 290 AFA Portfolio **Minimum 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.

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 Imagining
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

Where can I go for help?

General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559
advising@shoreline.edu www.shoreline.edu/advising

International Advising

9000 Building, Rm. 9302 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Faculty Advisors

Matt Allison 206-533-6792 mallison@shoreline.edu Rm 2053
Zach Maxur 206-546-5822 zmazur@shoreline.edu Rm 2052
Claire Putney 206-546-7638 cputney@shoreline.edu Rm 2056
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

Associate in Music

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.

General Education - 15 Credits

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

Communication (5 Credits)

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

Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

Choose <u>one</u> 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 **Minimum Units: 5**
- MUSC& 142 Music Theory II: First-Year Music Theory **Minimum Units: 5**
- MUSC& 143 Music Theory III: First-Year Music Theory **Minimum Units: 5**
- MUSC& 241 Second-Year Music Theory **Minimum Units: 5**
- MUSC& 242 Second-Year Music Theory **Minimum Units: 5**
- MUSC& 243 Second-Year Music Theory **Minimum Units: 5**

Piano (12 Credits)

- MUSC 151 Class Piano for Music Theory I Students **Minimum Units: 2** or Test Out
- MUSC 152 Class Piano for Music Theory II Students **Minimum Units: 2** or Test Out
- MUSC 153 Class Piano for Music Theory III Students **Minimum Units: 2** or Test Out
- MUSC 251 Class Piano for Music Theory IV Students **Minimum Units: 2**
- MUSC 252 Class Piano for Music Theory V Students **Minimum Units: 2**
- MUSC 253 Class Piano for Music Theory VI Students **Minimum 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 **Minimum Units: 2**
- MUSC 136 Jazz Ensemble **Minimum Units: 1**
- MUSC 140 Concert Band **Minimum Units: 2**
- MUSC 144 Funk & Groove **Minimum Units: 2**
- MUSC 146 Orchestra **Minimum Units: 2**
- MUSC 147 Small Ensemble Performance **Minimum Units: 1**
- MUSC 175 Chamber Chorale **Minimum Units: 1**

Private Piano Lessons (6 Credits)

- MUSC 180 Individual Instruction - Classical Piano I **Minimum Units: 1 (3)**
- MUSC 280 Individual Instruction - Classical Piano II **Minimum Units: 1 (3)**

Core Piano Courses (6 Credits)

- MUSC 224 Survey of Piano Literature **Minimum Units: 2**
- MUSC 225 Collaborative Piano **Minimum Units: 2**
- MUSC 226 Piano Pedagogy **Minimum Units: 2**

Graduating Recital (2 Credits)

**Concurrent enrollment in MUSC 280 required*

- MUSC 298 Individual Project in Music **Minimum 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.

Total Credits (93 Credits)

Program code: AMCP

Where can I go for help?

General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559
advising@shoreline.edu www.shoreline.edu/advising

International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Music Advisors:

Helena Azevedo 206-533-6608 hazevedo@shoreline.edu Rm 816
Jensina Oliver 206-546-4618 jbyingto@shoreline.edu Rm 817

Associate in Music, Classical Voice, AM Planning Guide

Program Description:

The **Associate in Music** degree in **Classical Voice** 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.

General Education - 15 Credits

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

Communication (5 Credits)

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

Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

Choose <u>one</u> 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 **Minimum Units: 5**
- MUSC& 142 Music Theory II: First-Year Music Theory **Minimum Units: 5**
- MUSC& 143 Music Theory III: First-Year Music Theory **Minimum Units: 5**
- MUSC& 241 Second-Year Music Theory **Minimum Units: 5**
- MUSC& 242 Second-Year Music Theory **Minimum Units: 5**
- MUSC& 243 Second-Year Music Theory **Minimum Units: 5**

Piano (12 Credits)

- MUSC 151 Class Piano for Music Theory I Students **Minimum Units: 2** or Test Out
- MUSC 152 Class Piano for Music Theory II Students **Minimum Units: 2** or Test Out
- MUSC 153 Class Piano for Music Theory III Students **Minimum Units: 2** or Test Out
- MUSC 251 Class Piano for Music Theory IV Students **Minimum Units: 2**
- MUSC 252 Class Piano for Music Theory V Students **Minimum Units: 2**
- MUSC 253 Class Piano for Music Theory VI Students **Minimum Units: 2**

Major Ensemble (12 Credits)

Take 12 credits in Major Ensemble classes, including MUSC 175 Chamber Chorale (This course may be repeated).

Private Lessons (6 Credits)

- MUSC 170 Private Instruction - Classical Voice 1 **Minimum Units: 1 (3)**
- MUSC 270 Private Instruction - Classical Voice 2 **Minimum Units: 1 (3)**

Diction (6 Credits)

- MUSC 211 Diction for Singers-Italian/German **Minimum Units: 3**
- MUSC 212 Diction for Singers-French/English **Minimum Units: 3**

Graduating Recital (2 Credits)

**Graduating Recital (MUSC 298) - concurrent enrollment with MUSC 270 required*

- MUSC 298 Individual Project in Music **Minimum Units: 2**

Voice Dance (4 Credits)

- MUSC 167 Voice-Dance Performance Techniques 1 **Minimum Units: 2**
- MUSC 268 Voice-Dance Performance Techniques 2 **Minimum 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

Total Credits (93 Credits)

Program code: AMCV

Where can I go for help?

General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559
advising@shoreline.edu www.shoreline.edu/advising

International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Music Advisor:

Meg Stecker-Thorsen 206-546-4617 mstecker@shoreline.edu
Rm 811

Associate in Music, Instrumental Music, AM Planning Guide

Program Description:

The **Associate in Music** degree in **Instrumental Music** 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.

Program code: AMIM

General Education - 15 Credits

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

Communication (5 Credits)

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

Multicultural Understanding (5 Credits)

Select *one* of the following courses:

CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

Choose <u>one</u> 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 **Minimum Units: 5**
- MUSC& 142 Music Theory II: First-Year Music Theory **Minimum Units: 5**
- MUSC& 143 Music Theory III: First-Year Music Theory **Minimum Units: 5**
- MUSC& 241 Second-Year Music Theory **Minimum Units: 5**
- MUSC& 242 Second-Year Music Theory **Minimum Units: 5**
- MUSC& 243 Second-Year Music Theory **Minimum Units: 5**

Piano (12 Credits)

- MUSC 151 Class Piano for Music Theory I Students **Minimum Units: 2** or Test Out
- MUSC 152 Class Piano for Music Theory II Students **Minimum Units: 2** or Test Out
- MUSC 153 Class Piano for Music Theory III Students **Minimum Units: 2** or Test Out
- MUSC 251 Class Piano for Music Theory IV Students **Minimum Units: 2**
- MUSC 252 Class Piano for Music Theory V Students **Minimum Units: 2**
- MUSC 253 Class Piano for Music Theory VI Students **Minimum 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 **Minimum Units: 1**
- MUSC 140 Concert Band **Minimum Units: 2**
- MUSC 144 Funk & Groove **Minimum Units: 2**
- MUSC 146 Orchestra **Minimum Units: 2**
- MUSC 147 Small Ensemble Performance **Minimum Units: 1**
- MUSC 175 Chamber Chorale **Minimum Units: 1**

Private Lessons (6 Credits)

- MUSC 196 Individual Instruction Instrumental **Minimum Units: 1 (3)**
- MUSC 296 Private Instruction Instrumental **Minimum Units: 1 * (3)**

Graduating Recital (2 Credits)

*Concurrent enrollment in MUSC 296 required

- MUSC 298 Individual Project in Music **Minimum Units: 2** *

Note:

*May be repeated for credit

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 www.shoreline.edu/advising

International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Music Advisors:

Doug Reid 206-546-4759 dreid@shoreline.edu Rm 812

Associate in Business, DTA/MRP Planning Guide

Where does my path start?

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 **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum Units: 5**

Multicultural Studies (5 Credits)

Select *one* of the following courses:

HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, MCS 105, 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 from at least two different disciplines (e.g., Psychology and History) in Social Sciences.
Recommended: BUS& 101 or one course in Political Science, Sociology or Psychology

- ECON& 201 Micro Economics **Minimum Units: 5**
- ECON& 202 Macro Economics **Minimum Units: 5**

Business - 20 Credits

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 202 Principles of Accounting II **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- BUS& 201 Business Law **Minimum 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

International Advising

9000 Building, Rm. 9302 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Business Faculty Advisors

Brad Fader 206-546-4688 bfader@shoreline.edu Rm 1416
Dan King 206-546-4702 dking@shoreline.edu Rm 1415
Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

Where does my path start?

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 **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum Units: 5**

Multicultural Understanding (5 Credits)

Select *one* of the following courses:

HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, MCS 105, 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)

Tale CMST& 220 and select two courses 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.*

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 **Minimum Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Minimum Units: 5**
- BIOL& 211 Majors Cellular: Biology **Minimum Units: 5**
- NUTR& 101 Nutrition **Minimum Units: 5**
- BIOL& 241 Human Anatomy & Physiology I **Minimum Units: 5**
- BIOL& 242 Human Anatomy and Physiology II **Minimum Units: 5**
- BIOL& 260 Microbiology **Minimum 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.

Requirements/Notes:

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 **Minimum Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Minimum Units: 5**
- BIOL& 211 Majors Cellular: Biology **Minimum Units: 5**
- BIOL& 241 Human Anatomy & Physiology I **Minimum Units: 5**
- BIOL& 242 Human Anatomy and Physiology II **Minimum Units: 5**
- PSYC& 100 General Psychology **Minimum 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 **Minimum Units: 5**
- MATH 111 Elements of Pre-Calculus **Minimum Units: 5**
- MATH& 141 Precalculus I **Minimum Units: 5**
- PHIL& 120 Symbolic Logic **Minimum Units: 5**

Where can I go for help?

For course questions and entry codes:

biologyadvising@shoreline.edu, chemistryadvising@shoreline.edu and mathadvising@shoreline.edu.

General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559,
advising@shoreline.edu www.shoreline.edu/advising

International Student Academic Advising

9000 Building, Rm. 9302 206-546-4697
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Associate in Construction Management, AA-DTA/MRP Planning Guide

Where does my path start?

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 **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum Units: 5**

Multicultural Understanding (5 Credits)

Select *one* of the following courses:

HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

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

Distribution Requirements - 45 Credits

See Courses That Meet Transfer Degree Requirements

Humanities (15 Credits)

Take CMST& 220 and select two courses 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. 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 **Minimum Units: 5**

- PHYS& 114 General Phys I w/Lab **Minimum Units: 5**
  or
- PHYS& 221 Engineering Physics I w/Lab: Mechanics **Minimum Units: 5.5**

Social Sciences (15 Credits)

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

- ECON& 201 Micro Economics **Minimum Units: 5**
  or
- ECON& 202 Macro Economics **Minimum Units: 5**

- BUS& 201 Business Law **Minimum 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). Take ACCT& 201, ACCT& 202, and three additional courses.

Where can I go for help?

General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559
advising@shoreline.edu www.shoreline.edu/advising

International Advising

9000 Building, Rm. 9302 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Program Faculty Advisors

Shannon Flynn 206-546-4705 sflynn@shoreline.edu Rm 5346
Tiffany Meier 206-546-6953 tmeier@shoreline.edu Rm 5231

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

Mechanical/Civil/ Aeronautical/ Industrial/Materials Science Engineering, AS-T/MRP Planning Guide

What is an AS-T MRP?

The AS-T 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 Aeronautical, Civil, Industrial, Manufacturing, Materials Science, Mechanical Engineering, Plastics and Composites.

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:

HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Minimum 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 **Minimum Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Minimum Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light **Minimum Units: 5.5**

Mathematics (20 Credits)

- MATH& 152 Calculus II **Minimum Units: 5**
- MATH& 163 Calculus 3 **Minimum Units: 5**
- MATH 207 Elements of Differential Equations **Minimum Units: 5**
- MATH 208 Linear Algebra **Minimum Units: 5**

Chemistry (13 Credits)

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

Engineering (25 Credits)

- ENGR& 114 Engineering Graphics **Minimum Units: 5**
- ENGR 115 Intro to Engineering: Modeling and Analysis **Minimum Units: 5**
- ENGR& 214 Statics **Minimum Units: 5**
- ENGR& 215 Dynamics **Minimum Units: 5**
- ENGR& 225 Mechanics of Materials **Minimum 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.

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/prereqs-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.wwu.edu/engineering-design/majors

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

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Rosalie Tepper 206-533-6627 rtepper@shoreline.edu Rm 2204

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)

Bioengineering and Chemical Engineering, AS-T/MRP Planning Guide

What is an AS-T Track 2 MRP?

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:

HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Minimum 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 **Minimum Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Minimum Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light **Minimum Units: 5.5**

Chemistry (26.5 Credits)

- CHEM 171 General-Inorganic Chemistry I **Minimum Units: 4**
  and
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Minimum Units: 2.5**

- CHEM 172 General-Inorganic Chemistry II **Minimum Units: 4**
  and
- CHEM 182 General-Inorganic Chemistry II (Lecture-Lab) **Minimum Units: 2.5**

- CHEM 173 General-Inorganic Chemistry III **Minimum Units: 4**
  and
- CHEM 183 General-Inorganic Chemistry III (Lecture-Lab) **Minimum Units: 2.5**

- CHEM& 241 Organic Chemistry I **Minimum Units: 4**
  and
- CHEM 271 Organic Chemistry I Lab **Minimum Units: 3**

Additional CHEM/BIOL (5-7 Credits)

Take either CHEM& 242/CHEM 272 or BIOL& 211.

Mathematics (15 Credits)

- MATH& 152 Calculus II **Minimum Units: 5**
- MATH& 163 Calculus 3 **Minimum Units: 5**
- MATH 207 Elements of Differential Equations **Minimum 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, chemistryadvising@shoreline.edu, mathadvising@shoreline.edu, biologyadvising@shoreline.edu, computerscienceadvising@shoreline.edu

General Academic Advising

FOSS (5000) Building, Rm. 5229 206-546-4559: advising@shoreline.edu www.shoreline.edu/advising

Tiffany Meier 206-546-6953 tmeier@shoreline.edu Rm. 5233

International Student Academic Advising

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Instructional Faculty Advisors

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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

What is an AS-T Track 2 MRP?

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:

HUM 105, CMST 203, CMST 285, GWS 284, HIST 245, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Minimum 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 **Minimum Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Minimum Units: 5.5**
- PHYS& 223 Engr Physics III w/Lab: Waves, Heat & Light **Minimum Units: 5.5**

Computing & Eng. (11 Credits)

- CS& 141 Computer Science I - Java **Minimum Units: 5**
- ENGR& 204 Electrical Circuits with AC Analysis and Lab **Minimum Units: 6**

Chemistry (6.5 Credits)

- CHEM 171 General-Inorganic Chemistry I **Minimum Units: 4**
  and
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Minimum Units: 2.5**

Mathematics (20 Credits)

- MATH& 152 Calculus II **Minimum Units: 5**
- MATH& 163 Calculus 3 **Minimum Units: 5**
- MATH 207 Elements of Differential Equations **Minimum Units: 5**
- MATH 208 Linear Algebra **Minimum 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
Tiffany Meier 206-546-6953 tmeier@shoreline.edu Rm 5233

International Student Academic Advising

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Stephanie Bartlett 206-546-4579 sbartlett@shoreline.edu Rm 5356
Fred Kuczmarski 206-546-6993 fkuczmar@shoreline.edu Rm 5348

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/gencat/academic/ee.html
http://www.washington.edu/students/gencat/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

Associate in Computer Science, DTA/MRP Planning Guide

Where does my path start?

You can choose to complete an AA-DTA Degree Planning Guide (AA-DTA) or the Computer Science AA-DTA Major Related Program (MRP) (information below).

Once you complete your Shoreline degree, you can transfer to a four-year school to earn a baccalaureate degree in Computer Science or Computer Science and Software Engineering.

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 **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum Units: 5**

Multicultural Studies (5 Credits)

Select one of the following courses: CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 151 Calculus I **Minimum 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 **Minimum Units: 5.5**
- PHYS& 222 Engineering Physics II w/Lab: Electromagnetism **Minimum Units: 5.5**
- MATH& 152 Calculus II **Minimum Units: 5**

Option 2:

- PHYS& 221 Engineering Physics I w/Lab: Mechanics **Minimum 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, ENVS& 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

Tif Meier
tmeier@shoreline.edu
Office: 5233
Phone: (206) 546-4559

International Advising
9000 Building, Rm. 9302
206-546-4697
ieadvisors@shoreline.edu
http://www.shoreline.edu/international/advising/

Computer Science Faculty Advisors
Crystal Hess
chess@shoreline.edu
Office: 2813
Phone: (206) 546-7626

Alison Armstrong
Alison.armstrong@shoreline.edu
Office: 2810
Phone: (206) 546-4698

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.

Automotive Service Technician (AST) AAAS Degree Program Planning Guide

Program Description:

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 (101-106 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.

Quantitative/Symbolic Reasoning (5 Credits)

Choose either MATH 70 or BUS 102.

Multicultural Understanding (3-5 Credits)

Choose either BUS 103, CMST 203, or MCS 105.

Human Relations (2-5 Credits)

Choose either BUS 104 or BUS 105.

GST Core Courses - 86 Credits

- AUTOA 121 General Service Technician I **Minimum Units: 18**
- AUTOA 122 General Service Technician II **Minimum Units: 18**
- AUTOA 123 Automotive Service Technician 1 **Minimum Units: 17**

- AUTOA 124 Automotive Service Technician 2 **Minimum Units: 17**
  or
- AUTOA 141 Tesla START I **Minimum Units: 10**
  and
- AUTOA 142 Tesla START II **Minimum Units: 14**

- AUTOA 191 Automotive Service Technician Internship 1 **Minimum Units: 8**
- AUTOA 192 Automotive Service Technician Internship 2 **Minimum Units: 8**

Program Advisor:

Amber Avery 206-546-4793 aavery@shoreline.edu Rm 2168

Program Information:

Length of Program: 101-106 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

Program Description:

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.

Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or MATH 70.

Multicultural Understanding (3-5 Credits)

Choose either BUS 103 or MCS 105.

Human Relations (2-5 Credits)

Choose one of the following courses: BUS 104, BUS 105, CMST& 101.

Automotive Core Requirements (110 Credits)

- AUTOG 170 Fundamentals of GM Auto Service Training **Minimum Units: 8**
- AUTOG 171 General Motors Engine Repair **Minimum Units: 8**
- AUTOG 172 GM Brake Systems **Minimum Units: 8**
- AUTOG 173 GM Steering & Suspension Systems **Minimum Units: 8**
- AUTOG 174 GM Manual Gear Trains and Transaxles **Minimum Units: 8**
- AUTOG 175 GM Engine Management and Emissions Systems **Minimum Units: 8**
- AUTOG 176 GM Electrical Systems **Minimum Units: 12**
- AUTOG 177 GM Automatic Transmissions/Transaxles **Minimum Units: 8**
- AUTOG 178 GM Heating and Air Conditioning **Minimum Units: 6**
- AUTOG 271 Applied Learning GM Engine Mechanical **Minimum Units: 6**
- AUTOG 272 Applied Learning GM Brake Systems **Minimum Units: 6**
- AUTOG 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**
- AUTOG 275 Applied Learning GM Engine Performance **Minimum Units: 6**
- AUTOG 276 Applied Learning GM Electrical Systems **Minimum Units: 6**
- AUTOG 278 Applied Learning GM Heating & Air Cond Systems **Minimum 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

Program Description:

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 MCS 105.

Quantitative/Symbolic Reasoning (5 Credits

Choose either BUS 102 or MATH 70.

Automotive Core Requirements (110 Credits)

- AUTOH 170 Fundamentals of Honda Auto Service Training **Minimum Units: 8**
- AUTOH 171 Honda Engine Repair **Minimum Units: 8**
- AUTOH 172 Honda Brake Systems **Minimum Units: 8**
- AUTOH 173 Honda Steering and Suspension Systems **Minimum Units: 8**
- AUTOH 174 Honda Manual Gear Trains and Transaxles **Minimum Units: 8**
- AUTOH 175 Honda Engine Management and Emissions Systems **Minimum Units: 8**
- AUTOH 176 Honda Electrical Systems **Minimum Units: 12**
- AUTOH 177 Honda Automatic Transmissions/Transaxles **Minimum Units: 8**
- AUTOH 178 Honda Heating and Air Conditioning **Minimum Units: 6**
- AUTOH 271 Applied Learning Engine Mechanical **Minimum Units: 6**
- AUTOH 272 Applied Learning Brake Systems **Minimum Units: 6**
- AUTOH 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**
- AUTOH 275 Applied Learning Engine Performance **Minimum Units: 6**
- AUTOH 276 Applied Learning Electrical Systems **Minimum Units: 6**
- AUTOH 278 Applied Learning Heating & Air Cond Systems **Minimum 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

Program Description:

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 dipoloma 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.

Multicultural Understanding (3-5 Credits)

Choose one of the following: BUS 103, CMST 203, CMST 285, GWS 284, HIST 245, HUM 105, MCS 105, or PSYC 230.

Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or MATH 70.

Human Relations (2-5 Credits)

Choose one of the following: BUS 104, BUS 105, BUS 250, BUSTC 114, or CMST& 101.

Automotive Core Requirements - 114 Credits

- AUTOC 170 Fundamentals of FCA Auto Service Training **Minimum Units: 3**
- AUTOC 171 M-CAP Engine Repair **Minimum Units: 8**
- AUTOC 172 M-CAP Brake Systems **Minimum Units: 8**
- AUTOC 173 M-CAP Steering & Suspension Systems **Minimum Units: 8**
- AUTOC 174 M-CAP Gear Trains and Transaxles **Minimum Units: 8**
- AUTOC 175 M-CAP Engine Management and Emissions Systems **Minimum Units: 8**
- AUTOC 176 M-CAP Electrical Systems **Minimum Units: 9**
- AUTOC 177 M-CAP Automatic Transmissions/Transaxles **Minimum Units: 8**
- AUTOC 178 M-CAP Heating and Air Conditioning **Minimum Units: 6**
- AUTOC 271 Applied Learning Engine Mechanical **Minimum Units: 6**
- AUTOC 272 Applied Learning Brake Systems **Minimum Units: 6**
- AUTOC 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**
- AUTOC 274 Applied Learning Manual Transmissions/Transaxles **Minimum Units: 6**
- AUTOC 275 Applied Learning Engine Performance **Minimum Units: 6**
- AUTOC 276 Applied Learning Electrical Systems **Minimum Units: 6**
- AUTOC 277 Applied Learning Auto Transmissions **Minimum Units: 6**
- AUTOC 278 Applied Learning Heating and Air Conditioning **Minimum 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

Program Description:

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, BUSTC 114, CMST& 101.

Multicultural Understanding (3-5 Credits)

Choose one of the following courses: HUM 105, BUS 103, CMST 203, CMST 285, HIST 245, MCS 105, GWS 284.

Quantitative/Symbolic Reasoning (5 Credits)

Choose either BUS 102 or MATH 70.

Automotive Core Requirements (124 Credits)

- AUTOT 180 Fundamentals of Auto Service Training **Minimum Units: 6**
- AUTOT 181 Engine Repair **Minimum Units: 7**
- AUTOT 183 Brakes and Suspension **Minimum Units: 16**
- AUTOT 184 Manual Gear Trains and Transaxles **Minimum Units: 6**
- AUTOT 185 Engine Control Systems **Minimum Units: 12**
- AUTOT 186 Electrical Systems **Minimum Units: 16**
- AUTOT 187 Automatic Transmissions/Transaxles **Minimum Units: 9**
- AUTOT 188 Heating and Air Conditioning **Minimum Units: 6**
- AUTOT 189 Engine Emission Management Systems **Minimum Units: 6**
- AUTOT 281 T-TEN Cooperative Internship 1 **Minimum Units: 10**
- AUTOT 282 T-TEN Cooperative Internship 2 **Minimum Units: 10**
- AUTOT 283 T-TEN Cooperative Internship 3 **Minimum Units: 10**
- AUTOT 284 T-TEN Cooperative Internship 4 **Minimum Units: 10**

Program Advisor:

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: 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 General Service (GST) Technician - IBEST Certificate of Proficiency Planning Guide

Program Description:

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 **Minimum Units: 18**

Second Quarter:

- AUTOA 122 General Service Technician II **Minimum Units: 18**

Third Quarter:

- AUTOA 190 General Service Technician Internship **Minimum Units: 9**

Program Advisor:

Mark Hankins
206-546-4758 mhankins@shoreline.edu Rm 2152

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

Program Description:

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 **Minimum Units: 10**
- AUTOA 142 Tesla START II **Minimum 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 Student Learning and Success at jaydelotte@shoreline.edu or 206-546-4719.

Where can I go for help?

Program Advisor:

Luke Thompson 425-249-6156 lthompson@shoreline.edu Rm 2914

Program Navigator:

Amber Avery 206-546-4793 aavery@shoreline.edu Rm 2914

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

FCA MOPAR CAP Electrical, HVAC & Chassis Specialist Certificate of Proficiency Planning Guide

Program Description:

The Certificate of Proficiency as a FCA Technician 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. This certificate is available only to those students enrolled in the MOPAR CAP Program and is a prerequisite to the FCA Powertrain Specialist Certificate of Proficiency.

Certificate of Proficiency (58 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
- Completion of an Automotive Knowledge Assessment
- Valid driver's license
- Proof of insurability
- All dealers require drug testing
- Sponsorship by a participating repair facility (can be arranged after acceptance into the program)

Core Program Requirements (58 Credits)

Fall Quarter

- AUTOC 170 Fundamentals of FCA Auto Service Training **Minimum Units: 3**
- AUTOC 176 M-CAP Electrical Systems **Minimum Units: 9**
- AUTOC 178 M-CAP Heating and Air Conditioning **Minimum Units: 6**
- AUTOC 276 Applied Learning Electrical Systems **Minimum Units: 6**
- AUTOC 278 Applied Learning Heating and Air Conditioning **Minimum Units: 6**

Winter Quarter

- AUTOC 172 M-CAP Brake Systems **Minimum Units: 8**
- AUTOC 173 M-CAP Steering & Suspension Systems **Minimum Units: 8**
- AUTOC 272 Applied Learning Brake Systems **Minimum Units: 6**
- AUTOC 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**

Program Advisor:

Rob Allred 206-546-5844 rallred@shoreline.edu Rm 2157

Program Information:

Length of Program: 58 Credits
Completion Award: Certificate of Proficiency
Enrollment: 2 Quarters
Approximate Quarterly Costs: $500.00
(in addition to tuition, books and parking)

Website: https://www.shoreline.edu/programs/automotive/

Plan code: AUMFHC45

FCA MOPAR CAP Powertrain Specialist Certificate of Proficiency Planning Guide

Program Description:

The Certificate of Proficiency as a FAC Powertrain 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. This Certificate is only available to students who are enrolled in the MOPAR CAP Program and who have successfully completed the FCA MOPAR CAP Electrical, HVAC & Chassis Specialist Certificate of Proficiency.

Certificate of Proficiency (56 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
- Completion of an Automotive Knowledge Assessment
- Valid driver's license
- Proof of insurability
- All dealers require drug testing
- Sponsorship by a participating repair facility (can be arranged after acceptance into the program)

Core Program Requirements (56 Credits)

Spring Quarter

- AUTOC 174 M-CAP Gear Trains and Transaxles **Minimum Units: 8**
- AUTOC 177 M-CAP Automatic Transmissions/Transaxles **Minimum Units: 8**
- AUTOC 274 Applied Learning Manual Transmissions/Transaxles **Minimum Units: 6**
- AUTOC 277 Applied Learning Auto Transmissions **Minimum Units: 6**

Summer Quarter

- AUTOC 171 M-CAP Engine Repair **Minimum Units: 8**
- AUTOC 175 M-CAP Engine Management and Emissions Systems **Minimum Units: 8**
- AUTOC 271 Applied Learning Engine Mechanical **Minimum Units: 6**
- AUTOC 275 Applied Learning Engine Performance **Minimum Units: 6**

Program Advisor:

Rob Allred 206-546-5844 rallred@shoreline.edu Rm 2157

Program Information:

Length of Program: 56 Credits
Completion Award: Certificate of Proficiency
Enrollment: 2 Quarters
Approximate Quarterly Costs: $500.00
(in addition to tuition, books and parking)
Website: http://www.shoreline.edu/programs/automotive/

EPC Code: 712G

Honda Electrical, HVAC & Chassis Specialist Certificate of Proficiency Planning Guide

Program Description:

The Certificate of Proficiency as a Honda PACT Technician 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. This certificate is available only to those students enrolled in the Honda PACT Program, and is prerequisite to the Honda Powertrain Specialist Certificate of Completion.

Certificate of Proficiency (82 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
- Completion of an Automotive Knowledge Assessment
- Valid Washington State driver's license
- Proof of insurability
- All dealers require drug testing
- Sponsorship by a participating repair facility (can be arranged after acceptance into program)

Core Program Requirements (82 Credits)

Fall Quarter

- AUTOH 170 Fundamentals of Honda Auto Service Training **Minimum Units: 8**
- AUTOH 176 Honda Electrical Systems **Minimum Units: 12**
- AUTOH 178 Honda Heating and Air Conditioning **Minimum Units: 6**

Winter Quarter

- AUTOH 172 Honda Brake Systems **Minimum Units: 8**
- AUTOH 173 Honda Steering and Suspension Systems **Minimum Units: 8**
- AUTOH 276 Applied Learning Electrical Systems **Minimum Units: 6**
- AUTOH 278 Applied Learning Heating & Air Cond Systems **Minimum Units: 6**

Spring Quarter

- AUTOH 171 Honda Engine Repair **Minimum Units: 8**
- AUTOH 175 Honda Engine Management and Emissions Systems **Minimum Units: 8**
- AUTOH 272 Applied Learning Brake Systems **Minimum Units: 6**
- AUTOH 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**

Program Advisor:

Rashawn Smith 206-546-6970 rsmith@shoreline.edu Rm 2151

Program Information:

Length of Program: 82 Credits
Completion Award: Certificate of Proficiency
Enrollment: 3 quarters
Approximate Quarterly Costs: $500.00
(in addition to tuition, books and parking)

Website: http://shoreline.edu/programs/automotive/

Plan code: AUMHEC45

Honda Powertrain Specialist Certificate of Completion Planning Guide

Program Description:

The Certificate of Completion as a Honda Powertrain 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. This Certificate is only available to students who are enrolled in the Honda PACT Program and who have successfully completed the Honda Electrical, HVAC & Chassis Specialist Certification.

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.

Grade of 2.0 or better for each individual course in the program required.

Program Prerequisites:

- Instructor interview
- Completion of an Automotive Knowledge Assessment
- Valid Washington State driver's license
- Proof of insurability
- All dealers require drug testing
- Sponsorship by a participating repair facility (can be arranged after acceptance into program)

Core Program Requirements (28 Credits)

Summer Quarter

- AUTOH 174 Honda Manual Gear Trains and Transaxles
  Minimum Units: 8
- AUTOH 177 Honda Automatic Transmissions/Transaxles
  Minimum Units: 8
- AUTOH 271 Applied Learning Engine Mechanical
  Minimum Units: 6
- AUTOH 275 Applied Learning Engine Performance
  Minimum Units: 6

Program Advisor:

Rashawn Smith 206-546-6970 rsmith@shoreline.edu Rm 2151

Program Information:

Length of Program: 28 Credits
Completion Award: Certificate of Completion
Enrollment: 1 quarter
Approximate Quarterly Costs: $500.00
(in addition to tuition, books and parking)

Website: http://shoreline.edu/programs/automotive/

Plan code: AUMHPC20

Automotive - Brakes Specialist Certificate of Completion Planning Guide

Program Description:

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 **Minimum Units: 3**
  or
- AUTOG 170 Fundamentals of GM Auto Service Training **Minimum Units: 8**
  or
- AUTOH 170 Fundamentals of Honda Auto Service Training **Minimum Units: 8**

- AUTOC 172 M-CAP Brake Systems **Minimum Units: 8**
  or
- AUTOG 172 GM Brake Systems **Minimum Units: 8**
  or
- AUTOH 172 Honda Brake Systems **Minimum Units: 8**

- AUTOC 272 Applied Learning Brake Systems **Minimum Units: 6**
  or
- AUTOG 272 Applied Learning GM Brake Systems **Minimum Units: 6**
  or
- AUTOH 272 Applied Learning Brake Systems **Minimum Units: 6**

- AUTOC 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**
  or
- AUTOG 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**
  or
- AUTOH 273 Applied Learning Steering & Suspension Systems **Minimum Units: 6**

Requirements for Toyota T-TEN (32 Credits)

- AUTOT 180 Fundamentals of Auto Service Training **Minimum Units: 6**
- AUTOT 183 Brakes and Suspension **Minimum Units: 16**
- AUTOT 283 T-TEN Cooperative Internship 3 **Minimum Units: 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 Student Learning at 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
Nollan 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

Program Description:

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 **Minimum Units: 8**
  or
- AUTOH 174 Honda Manual Gear Trains and Transaxles **Minimum Units: 8**

- AUTOG 177 GM Automatic Transmissions/Transaxles **Minimum Units: 8**
  or
- AUTOH 177 Honda Automatic Transmissions/Transaxles **Minimum Units: 8**

Requirements for MoparCAP (28 Credits)

- AUTOC 174 M-CAP Gear Trains and Transaxles **Minimum Units: 8**
- AUTOC 177 M-CAP Automatic Transmissions/Transaxles **Minimum Units: 8**
- AUTOC 274 Applied Learning Manual Transmissions/Transaxles **Minimum Units: 6**
- AUTOC 277 Applied Learning Auto Transmissions **Minimum Units: 6**

Requirements for Toyota T-TEN (25 Credits)

- AUTOT 184 Manual Gear Trains and Transaxles **Minimum Units: 6**
- AUTOT 187 Automatic Transmissions/Transaxles **Minimum Units: 9**
- AUTOT 284 T-TEN Cooperative Internship 4 **Minimum Units: 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 Student Learning 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

Program Description:

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 **Minimum Units: 9**
  or
- AUTOG 176 GM Electrical Systems **Minimum Units: 12**
  or
- AUTOH 176 Honda Electrical Systems **Minimum Units: 12**

- AUTOC 178 M-CAP Heating and Air Conditioning **Minimum Units: 6**
  or
- AUTOG 178 GM Heating and Air Conditioning **Minimum Units: 6**
  or
- AUTOH 178 Honda Heating and Air Conditioning **Minimum Units: 6**

- AUTOC 276 Applied Learning Electrical Systems **Minimum Units: 6**
  or
- AUTOG 276 Applied Learning GM Electrical Systems **Minimum Units: 6**
  or
- AUTOH 276 Applied Learning Electrical Systems **Minimum Units: 6**

- AUTOC 278 Applied Learning Heating and Air Conditioning **Minimum Units: 6**
  or
- AUTOG 278 Applied Learning GM Heating & Air Cond Systems **Minimum Units: 6**
  or
- AUTOH 278 Applied Learning Heating & Air Cond Systems **Minimum Units: 6**

Requirements for Toyota T-TEN (32 Credits)

- AUTOT 186 Electrical Systems **Minimum Units: 16**
- AUTOT 188 Heating and Air Conditioning **Minimum Units: 6**
- AUTOT 281 T-TEN Cooperative Internship 1 **Minimum Units: 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 Student Learning 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: 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

Program Description:

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 **Minimum Units: 8**
  or
- AUTOG 171 General Motors Engine Repair **Minimum Units: 8**
  or
- AUTOH 171 Honda Engine Repair **Minimum Units: 8**

- AUTOC 175 M-CAP Engine Management and Emissions Systems **Minimum Units: 8**
  or
- AUTOG 175 GM Engine Management and Emissions Systems **Minimum Units: 8**
  or
- AUTOH 175 Honda Engine Management and Emissions Systems **Minimum Units: 8**

- AUTOC 271 Applied Learning Engine Mechanical **Minimum Units: 6**
  or
- AUTOG 271 Applied Learning GM Engine Mechanical **Minimum Units: 6**
  or
- AUTOH 271 Applied Learning Engine Mechanical **Minimum Units: 6**

- AUTOC 275 Applied Learning Engine Performance **Minimum Units: 6**
  or
- AUTOG 275 Applied Learning GM Engine Performance **Minimum Units: 6**
  or
- AUTOH 275 Applied Learning Engine Performance **Minimum Units: 6**

Requirements for Toyota T-TEN (35 Credits)

- AUTOT 181 Engine Repair **Minimum Units: 7**
- AUTOT 185 Engine Control Systems **Minimum Units: 12**
- AUTOT 189 Engine Emission Management Systems **Minimum Units: 6**
- AUTOT 282 T-TEN Cooperative Internship 2 **Minimum Units: 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 Student Learning 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

Biotechnology Lab Specialist, AAAS Planning Guide

Program Description:

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 MATHS 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

General Education Core Requirements - 17 Credits

Communication Skills (5 Credits)

Choose either BTWRT 215 or ENGL& 101.

Quantitative/Symbolic Reasoning (5 Credits)

- BUSTC 105 Computer Applications **Minimum Units: 5**

Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Minimum Units: 2**

Multicultural Understanding (5 Credits)

Choose either MCS 105 or CMST 203.

Biotechnology Core Requirements (75.5-76.5 Credits)

- BIOL& 211 Majors Cellular: Biology **Minimum Units: 5**
- BIOL 249 Tissue Culture and Staining **Minimum Units: 4**
- BIOL& 260 Microbiology **Minimum Units: 5**
- BIOL 265 Solution and Media Preparation **Minimum Units: 2**
- BIOL 266 Media and Solution Preparation II **Minimum Units: 2**
- BIOL 270 Molecular Biology **Minimum Units: 3**
- BIOL 274 Molecular Biology Lab **Minimum Units: 3**
- BIOL 275 Recombinant DNA Techniques Lecture **Minimum Units: 6**
- BIOL 277 Immunology **Minimum Units: 6**

- BIOL 279 Biotechnology Techniques **Minimum Units: 3**
- BIOL 280 Seminar in Biotechnology **Minimum Units: 1**
- BIOL 290 Internship **Minimum Units: 1**
- CHEM& 121 Intro to Chemistry **Minimum Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Minimum Units: 5**
- CHEM 171 General-Inorganic Chemistry I **Minimum Units: 4**
- CHEM 181 General-Inorganic Chemistry I (Lecture-Lab) **Minimum Units: 2.5**
- CHEM 172 General-Inorganic Chemistry II **Minimum Units: 4**
- CHEM 182 General-Inorganic Chemistry II (Lecture-Lab) **Minimum Units: 2.5**
- CHEM 173 General-Inorganic Chemistry III **Minimum Units: 4**
- CHEM 183 General-Inorganic Chemistry III (Lecture-Lab) **Minimum Units: 2.5**
- MATH& 146 Introduction to Stats **Minimum Units: 5**

Where can I go for help?

Program Advisor:

Dina Kovarik 206-546-4747 dkovarik@shoreline.edu Rm 2814

First Year Advisor

Joyce Fagel 206-546-4559 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

Biotechnology Lab Specialist Certificate of Completion Planning Guide

Program Description:

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 post-baccalaureate students. Students pursuing a four-year baccalaureate degree should follow the Biological Sciences Pre-Major (AS-T1) planning guide.

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
- CHEM& 121
- BIOL& 211
- BUSTC 105
- CHEM& 131
- MATH& 146
- BIOL& 260

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, 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.

Core Biotech Sequence

Fall Quarter

- BIOL 270 Molecular Biology **Minimum Units: 3**
- BIOL 274 Molecular Biology Lab **Minimum Units: 3**
- BIOL 265 Solution and Media Preparation **Minimum Units: 2**
- BIOL 285 Basics of Bioinformatics **Minimum Units: 2**

Winter Quarter

- BIOL 275 Recombinant DNA Techniques Lecture **Minimum Units: 6**
- BIOL 280 Seminar in Biotechnology **Minimum Units: 1**
- BIOL 266 Media and Solution Preparation II **Minimum Units: 2**
- BIOL 286 Molecular Lab Techniques in Medical Diagnostics **Minimum Units: 2**

Spring Quarter

- BIOL 249 Tissue Culture and Staining **Minimum Units: 4**
- BIOL 277 Immunology **Minimum Units: 6**

Summer Quarter

- BIOL 279 Biotechnology Techniques **Minimum Units: 3**
- BIOL 288 Basic Principles of Flow Cytometry **Minimum Units: 2**
- BIOL 290 Internship **Minimum Units: 1**

Total Credits Required (37-38)

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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Dina Kovarik 206-546-4747 dkovarik@shoreline.edu Rm 2814

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: http://shoreline.edu/programs/biotechnology/

Plan code: BLTBLC20

Essentials of Biomanufacturing Certificate of Completion Planning Guide

Program Description

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 **Minimum Units: 2**
- BIOL 246 Cleanroom Dynamics and Intro to Bioreactors **Minimum Units: 2**
- BIOL 247 Quality Assurance and Quality Control **Minimum Units: 2**
- BIOL 248 Introduction to Regulatory Affairs **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor

Contact 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

Program Description:

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.

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 **Minimum Units: 5**

Multicultural Understanding (3-5 Credits)

Choose one of the following courses: BUS 103, MCS 105, CMST 203, CMST 285, GWS 284, HIST 245 PSYC 230.

Core Requirements - 67 Credits

- ACCT 104 Payroll Accounting **Minimum Units: 5**
- ACCT 170 Federal Income Tax Individuals/Small Business **Minimum Units: 5**
- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 202 Principles of Accounting II **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- ACCT 206 Computer Accounting **Minimum Units: 5**
- ACCT 208 Not-for Profit and Governmental Accounting **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS& 201 Business Law **Minimum Units: 5**
- BUSTC 107 Computer 10-Key **Minimum Units: 2**
- BTWRT 115 Business English **Minimum Units: 5**
- BUSTC 128 Word 365, Level 1 **Minimum Units: 5**
- BUSTC 150 Excel 365 **Minimum Units: 5**
- CMST& 101 Introduction to Communication **Minimum Units: 5**

Select One or More to Complete Credit Requirements (3-5 Credits)

Work Experience/Industry Certification

- QuickBooks Certification **Credits: 3**
- AIPB Bookkeeper Certification **Credits: 3**
- IRS Registered Tax Return Preparer **Credits: 3**
- Other (approved by advisory) **Credits: 3**
- or one or more of the following courses: BUS 120, BUS 180, BUS 270, BUSTC 101, BUSTC 129, BUSTC 160, BUSTC 170, ECON& 201

Program Advisor:

Dan King 206-546-4702 dking@shoreline.edu Rm 1415

Brad Fader 206-546-4688 bfader@shoreline.edu Rm 1416

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, AAAS Planning Guide

Program Description:

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 and completion of MATH 99 with a 2.0 or higher.

General Education Requirements - 18-20 Credits

Communication Skills (5 Credits)

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

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 **Minimum Units: 5**

Multicultural Understanding (3-5 Credits)

Choose one of the following courses: BUS 103, CMST 203, GWS 284, HIST 245, MCS 105. PSYC 230, SOC 270.

Core Program Requirements - 75 Credits

** Course offered online only in quarter(s) specified.*

- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5** *
- BUS 141 Purchasing & Supply Management Fundamentals **Minimum Units: 5**
- BUS& 201 Business Law **Minimum Units: 5**
- BUS 160 Systems Thinking **Minimum Units: 5** *
- BUS 217 Sustainability-Focused Leadership **Minimum Units: 5** *
- BUS 215 Introduction to International Business **Minimum Units: 5** *
- BUS 240 Introduction to e-Business **Minimum Units: 5** *
- BUS 270 Entrepreneurship- Starting a New Business **Minimum Units: 5** *
- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 202 Principles of Accounting II **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- BUSTC 105 Computer Applications **Minimum Units: 5**
- ECON& 201 Micro Economics **Minimum Units: 5** *
- ECON& 202 Macro Economics **Minimum Units: 5** *

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

Program Description:

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.

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, MCS 105, GWS 284, SOC 270, PSYC 230.

Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Requirements - 75 Credits

** Course is offered once a year during the quarter listed*

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 180 Project Management I **Minimum Units: 5** *
- BUS& 201 Business Law **Minimum Units: 5**
- BUS 215 Introduction to International Business **Minimum Units: 5**
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 225 Relationship Marketing **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *

- BUS 240 Introduction to e-Business **Minimum Units: 5** *
  or
- BUS 160 Systems Thinking **Minimum Units: 5**

- BUS 250 Human Resource Management **Minimum Units: 5**
- BUS 270 Entrepreneurship- Starting a New Business **Minimum Units: 5**

- ECON 100 Survey of Economic Principles **Minimum Units: 5**
  or
- ECON& 201 Micro Economics **Minimum Units: 5**

Recommended

- BUSTC 105 Computer Applications **Minimum Units: 5**

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

General Business Administration, AAAS Planning Guide

Program Description:

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 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& 107 or BUS 102.

General Education 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, MCS 105, SOC 270, PSYC 230.

Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Program Requirements (75 Credits)

** Course offered once per year, during the quarter listed.*

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 160 Systems Thinking **Minimum Units: 5** *
- BUS& 201 Business Law **Minimum Units: 5**
- BUS 215 Introduction to International Business **Minimum Units: 5**
- BUS 225 Relationship Marketing **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 240 Introduction to e-Business **Minimum Units: 5** *
- BUS 250 Human Resource Management **Minimum Units: 5** *
- BUS 255 Principles of Management **Minimum Units: 5** *
- BUS 270 Entrepreneurship- Starting a New Business **Minimum Units: 5**

- ECON 100 Survey of Economic Principles **Minimum Units: 5**
  or
- ECON& 201 Micro Economics **Minimum Units: 5**

Recommendation

- BUSTC 105 Computer Applications **Minimum Units: 5**

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

Program Information:

Length of Program: 93 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/business-administration/

Plan code: BAMGAAPT

Marketing, AAAS Planning Guide

Program Description:

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.

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, MCS 105. SOC 270, PSYC 230.

Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Program Requirements - 75 Credits

** Course offered once per year, during the quarter listed.*

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 160 Systems Thinking **Minimum Units: 5** *
- BUS 180 Project Management I **Minimum Units: 5**
- BUS& 201 Business Law **Minimum Units: 5**
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 225 Relationship Marketing **Minimum Units: 5** (*formerly Professional Selling)* *
- BUS 240 Introduction to e-Business **Minimum Units: 5** *
- BUS 247 Social Media Marketing **Minimum Units: 5** *
- BUS 248 Digital Marketing **Minimum Units: 5** *
- BUS 249 Market Research **Minimum Units: 5** *

- ECON 100 Survey of Economic Principles **Minimum Units: 5**
  or
- ECON& 201 Micro Economics **Minimum Units: 5**

Recommended

- BUSTC 105 Computer Applications **Minimum Units: 5**

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

Retail Management, AAAS Planning Guide

Program Description:

The Associate in Applied Arts and Sciences degree is designed to provide students with the knowledge and skills in Retail Management 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, or instructor permission.

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, MCS 105, SOC 270, PSYC 230.

Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Program Requirements - 75 Credits

** Course is offered once a year during the quarter listed.*

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS& 201 Business Law **Minimum Units: 5**
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 225 Relationship Marketing **Minimum Units: 5** *
- BUS 160 Systems Thinking **Minimum Units: 5**
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 240 Introduction to e-Business **Minimum Units: 5** *
- BUS 255 Principles of Management **Minimum Units: 5** *
- BUS 250 Human Resource Management **Minimum Units: 5** *
- BUS 270 Entrepreneurship- Starting a New Business **Minimum Units: 5**

- ECON 100 Survey of Economic Principles **Minimum Units: 5**
  or
- ECON& 201 Micro Economics **Minimum Units: 5**

Recommended

- BUSTC 105 Computer Applications **Minimum Units: 5**

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

Program Information:

Length of Program: 93-95 Credits
Completion Award: AAAS
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: REARMAPT

Accounting Certificate of Proficiency Planning Guide

Program Description

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.

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.

General Education (15 Credits)

- BTWRT 215 Business Communications **Minimum Units: 5**
  or
- ENGL& 101 English Composition I **Minimum Units: 5**

- BUS 102 Business Mathematics **Minimum Units: 5**
  or
- MATH 99 Intermediate Algebra **Minimum Units: 5**

- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Requirements (40 Credits)

- ACCT 104 Payroll Accounting **Minimum Units: 5**
- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 202 Principles of Accounting II **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- ACCT 206 Computer Accounting **Minimum Units: 5**
- BTWRT 115 Business English **Minimum Units: 5**
- BUSTC 128 Word 365, Level 1 **Minimum Units: 5**
- BUSTC 150 Excel 365 **Minimum Units: 5**

Program Advisor

Dan King 206-546-4702 dking@shoreline.edu Rm 1415

Brad Fader 206-546-4688 bfader@shoreline.edu Rm 1416

Program Information:

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

Accounting Clerk Certificate of Completion Planning Guide

Program Description:

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 EAP 99 and placement into MATH 98.

Program Requirements

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- BUSTC 150 Excel 365 **Minimum Units: 5**
- ACCT 206 Computer Accounting **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Dan King 206-546-4702 dking@shoreline.edu Rm 1415

Brad Fader 206-546-4688 bfader@shoreline.edu Rm 1416

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: ATBALC01

Accounts Receivable Clerk/Accounts Payable Clerk Certificate of Completion Planning Guide

Program Description

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 EAP 99, and placement into MATH 98.

Program Requirements

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 202 Principles of Accounting II **Minimum Units: 5**
- BUSTC 150 Excel 365 **Minimum Units: 5**
- ACCT 206 Computer Accounting **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Dan King 206-546-4702 dking@shoreline.edu Rm 1415

Brad Fader 206-546-4688 bfader@shoreline.edu Rm 1416

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

Program Description:

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 **Minimum Units: 5**
- BUS 102 Business Mathematics **Minimum Units: 5**
  or
- MATH& 107 Math in Society **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**

Entrepreneurship Requirements (15 credits)

** Courses marked with an asterisk are offered during the quarter listed.*

- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 270 Entrepreneurship- Starting a New Business **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

Program Description:

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.

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.

General Education Core Requirements - 10 Credits

Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**

Quantitative/Symbolic Reasoning (5 Credits)

- BUS 102 Business Mathematics **Minimum Units: 5**

Core Requirements - 35 Credits

** Course is offered once a year during the quarter listed*

- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 240 Introduction to e-Business **Minimum Units: 5** *
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 270 Entrepreneurship- Starting a New Business **Minimum Units: 5**

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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: ENRENC45

General Business Administration Certificate of Completion Planning Guide

Program Description:

Shoreline Community College offers a short-term program in General 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 Certificate of Proficiency (CP) or an Associate in Applied Arts and Sciences degree in General 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 Business Requirements (15 Credits)

- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 102 Business Mathematics **Minimum Units: 5**
  or
- MATH& 107 Math in Society **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**

Business Administration Requirements (15 credits)

** Courses marked with an asterisk are offered once a year.*

- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 255 Principles of Management **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

General Business Administration Certificate of Proficiency Planning Guide

Program Description:

The General 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 (AAAS) degree in General Business. 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.

General Education Requirements (10 Credits)

- BUS 102 Business Mathematics **Minimum Units: 5**
- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Program Requirements (35 Credits)

** Course offered once per year, during the quarter listed.*

- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 225 Relationship Marketing **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 250 Human Resource Management **Minimum Units: 5** *
- BUS 255 Principles of Management **Minimum Units: 5** *

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

International Trade Certificate of Completion Planning Guide

Program Description:

Shoreline Community College offers a short-term program in International Trading leading to a Certificate of Completion (CC) and an entry level position in the industry. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees.

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:

Placement into ENGL& 101 or BTWRT 215, and placement into MATH& 107 or BUS 102.

Program Requirements

*Any class marked with an asterisk (*) is only offered once per academic year.

- BUS 102 Business Mathematics **Minimum Units: 5**
  - or-
- MATH& 107 Math in Society **Minimum Units: 5**

- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 141 Purchasing & Supply Management Fundamentals **Minimum Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Minimum Units: 5**
- BUS 144 Logistics and Transportation Fundamentals **Minimum Units: 3** *
- BUS 215 Introduction to International Business **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

Program Information:

Length of Program: 28 Credits
Completion Award: Certificate of Completion
Enrollment: Fall, Winter, Spring, Summer
Approximate Quarterly Costs: $25-$85
(in addition to tuition, books and parking)
Website: http://shoreline.edu/programs/business-administration/

Plan code: ITCITC20

Marketing Certificate of Completion Planning Guide

Program Description

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 **Minimum Units: 5**
- BUS 102 Business Mathematics **Minimum Units: 5**
  or
- MATH& 107 Math in Society **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**

Marketing Requirements

** Courses marked with an asterisk are offered during the quarter listed.*

- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 225 Relationship Marketing **Minimum Units: 5** (*formerly Professional Selling)* *

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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

Program Description:

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.

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.

General Education Core Requirements (10 Credits)

Quantitative/Symbolic Reasoning:

- BUS 102 Business Mathematics **Minimum Units: 5**
- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Program Requirements (35 Credits)

** Course offered once per year, during the quarter listed.*

- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 225 Relationship Marketing **Minimum Units: 5** (*formerly Professional Selling)* *
- BUS 247 Social Media Marketing **Minimum Units: 5** *
- BUS 249 Market Research **Minimum Units: 5** *

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

Payroll Clerk Certificate of Completion Planning Guide

Program Description:

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 EAP 99, and placement into MATH 98.

Program Requirements

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT 104 Payroll Accounting **Minimum Units: 5**
- BUSTC 150 Excel 365 **Minimum Units: 5**
- ACCT 206 Computer Accounting **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Dan King 206-546-4702 dking@shoreline.edu Rm 1415
Brad Fader 206-546-4688 bfader@shoreline.edu Rm 1416

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

Program Description:

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 **Minimum Units: 5** *
- BUS 181 Project Managment II **Minimum Units: 5** *
- BUS 182 Project Management III **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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

Retail Management Certificate of Completion Planning Guide

Program Description:

Shoreline Community College offers a short-term program in leading to a Certificate of Completion (CC) in Retail Management. 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 Retail Management. 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 MATH& 107 or BUS 102.

Program Requirements

Core Requirements

- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 102 Business Mathematics **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**

Retail Management Requirements:

** Courses marked with an asterisk are offered during the quarter listed.*

- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 250 Human Resource Management **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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: REARMC20

Retail Management Certificate of Proficiency Planning Guide

Program Description:

Shoreline Community College offers a Certificate of Proficiency (CP) in Retail Management. Students interested in advancement are encouraged to enroll in longer programs of study to complete an associate degree in Retail Management. 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 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.

General Education Core Requirements (10 Credits)

- BUS 102 Business Mathematics **Minimum Units: 5** (Quantitative/Symbolic Reasoning)
- BUS 104 Human Relations in Business **Minimum Units: 5** (Human Relations)

Core Program Requirements (35 Credits)

** Course is offered once a year during the quarter listed.*

- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 225 Relationship Marketing **Minimum Units: 5** *
- BUS 235 Retail Buying and Management **Minimum Units: 5** *
- BUS 250 Human Resource Management **Minimum Units: 5** *

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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: REARMC45

Retail Management Western Association of Food Chains (WAFC Endorsement) Certificate of Completion Planning Guide

Program Description:

Shoreline Community College offers a program in Retail Management leading to a Certificate of Proficiency (CP). Students interested in advancement are encouraged to enroll in longer programs of study to complete additional Certificates or an Retail Management, AAAS Planning Guide. Students pursuing a four-year Baccalaureate degree in Business should follow the Associate in Business, DTA/MRP Planning Guide.

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.

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, or instructor approval.

Program Requirements

Core Requirements

** Courses marked with an asterisk are offered during the quarter listed.*

- BUS 102 Business Mathematics **Minimum Units: 5**
- BUS 104 Human Relations in Business **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 135 Retail Marketing **Minimum Units: 5** *
- BUS 250 Human Resource Management **Minimum Units: 5** *
- BUS 255 Principles of Management **Minimum Units: 5** *
- BUSTC 105 Computer Applications **Minimum Units: 5**
- BTWRT 215 Business Communications **Minimum Units: 5**

Program Advisors:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

Program Information:

Length of Program: 40 Credits
Completion Award: Certificate of Completion
Enrollment: Summer, Fall, Winter, Spring
Approximate Quarterly Costs: $25-$85
(in addition to tuition, books and parking)
Website: http://shoreline.edu/programs/business-administration/

EPC 2985

Social Media Marketing Certificate of Completion Planning Guide

Program Description:

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 **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUS 220 Advertising and Sales Promotion **Minimum Units: 5** *
- BUS 240 Introduction to e-Business **Minimum Units: 5** *
- BUS 247 Social Media Marketing **Minimum Units: 5** *
- BUS 248 Digital Marketing **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

Program Information:

Length of Program: 30 Credits
Completion Award: Certificate of Completion
Enrollment: Fall, Winter, Spring, Summer
Approximate Quarterly Costs: $25-$85
(in addition to tuition, books and parking)
Website: http://shoreline.edu/programs/business-administration/

Plan code: MAMSMC20

Sustainable Business Leadership Certificate of Completion Planning Guide

Program Description:

Shoreline Community College offers a short-term program in Sustainable Business Leadership leading to a Certificate of Completion (CC) and an entry level position in the industry. Students interested in advancement are encouraged to enroll in longer courses of study to complete additional certificates or associate degrees in General Business or other areas of interest. 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

** Courses offered once per year, during the quarter listed.*

Core Requirements

** Courses offered once per year, during the quarter listed.*

- BUS 160 Systems Thinking **Minimum Units: 5** *
- BUS 217 Sustainability-Focused Leadership **Minimum Units: 5** *
- BUS 218 Measuring and Reporting Sustainability Progress **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Irene Ferrante 206-533-6704 iferrante@shoreline.edu Rm 1406

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: BAMSLC01

Tax Preparer Certificate of Completion Planning Guide

Program Description:

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 EAP 99 and placement into MATH 98.

Program Requirements

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT 170 Federal Income Tax Individuals/Small Business **Minimum Units: 5**
- BUSTC 150 Excel 365 **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Dan King 206-546-4702 dking@shoreline.edu Rm 1415
Brad Fader 206-546-4688 bfader@shoreline.edu Rm 1416

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 Intelligence & Data Analytics, AAAS Planning Guide

Program Description

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 & Data Analytics (BIDA) AA degree focuses on providing graduates in-depth knowledge and teaching them the necessary skills to sole 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 BUSTC 265.

General Education Core Requirements

Communication Skills (10 Credits)

- BTWRT 215 Business Communications **Minimum Units: 5**
  or
- ENGL& 101 English Composition I **Minimum Units: 5**
- CMST& 220 Public Speaking **Minimum Units: 5**

Human Relations (2-5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**
  or
- BUS 105 Essentials of Human Relations **Minimum Units: 2**

Multicultural Understanding (3-5 Credits)

- BUS 103 Multiculturalism in the Workplace **Minimum Units: 3**
  (or approved Multicultual General Education class)

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 146 Introduction to Stats **Minimum Units: 5**

Computer Science Requirements (5 Credits)

- CS 121 Introduction to Programming **Minimum Units: 5**

Business Requirements (69 Credits)

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 268 Data Visualization **Minimum Units: 5**
- BUS 240 Introduction to e-Business **Minimum Units: 5**
- BUS 249 Market Research **Minimum Units: 5**
- BUS 255 Principles of Management **Minimum Units: 5**
- BUS 266 Business Intelligence **Minimum Units: 5**
- BUS 267 Data Analytics for Business **Minimum Units: 5**
- BUS 160 Systems Thinking **Minimum Units: 5**
- BUS 165 SQL for Data Analytics **Minimum Units: 5**
- BUS 180 Project Management I **Minimum Units: 5**
- BUS 181 Project Managment II **Minimum Units: 5**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BUSTC 265 Advanced Excel for Data Analytics **Minimum Units: 4**

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

Microsoft Software Applications Certificate of Completion Planning Guide

Program Description:

Shoreline Community College offers a short-term Certificate of Completion (CC) in Microsoft Software Applications 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 Business Intelligence. Students pursuing a four-year baccalaureate degree in business should follow the Associate in Business, DTA/MRP Planning Guide.

Certificate of Completion (22 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:

Completion of ENGL 99 or EAP 99, and BUSTC 101 or 40 NWPM.

Program Requirements

- BUSTC 128 Word 365, Level 1 **Minimum Units: 5**
- BUSTC 150 Excel 365 **Minimum Units: 5**
- BUSTC 160 PowerPoint 365 **Minimum Units: 4**
- BUSTC 170 Access 365 **Minimum Units: 5**
- BUSTC 180 Outlook 365 **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Information:

Length of Program: 22 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/business-technology/

Plan code: MIAMTC20

CAST - Child Advocacy Studies Certificate of Completion Planning Guide

Program Description:

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. College placement into ENGL 99, EAP 99, or EAPAB 99.

Core Curriculum (15 Credits)

- CAST 102 Child Maltreatment & Advocacy **Minimum Units: 5**
  or
- SOC 102 Child Maltreatment & Advocacy **Minimum Units: 5**

- CAST 202 Professional and Systemic Responses **Minimum Units: 5**
  or
- SOC 202 Professional and Systemic Responses **Minimum Units: 5**

- CAST 285 Gender, Violence and Social Change **Minimum Units: 5**
  or
- GWS 285 Gender, Violence and Social Change **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Rachel David 206-546-4760 rdavid@shoreline.edu Rm 5370
Linda Forst 206-546-4781 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 & Entrepreneurship, AAAS Planning Guide

Program Description:

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.

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, MCS 105, 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: BUSTC 101, BUSTC 105, BUSTC 128, BUSTC 150, BUSTC 160, 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 & Entrepreneurship Certificate of Proficiency Planning Guide

Program Description:

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.

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 **Minimum Units: 5**
- NRG 102 Calculations for Energy Technologies **Minimum Units: 4**
- NRG 104 Buildings in Context **Minimum Units: 5**
- NRG 110 Intro Energy/Sustainability in Built Environment **Minimum Units: 5**
- NRG 180 Building Systems and Blueprint Reading **Minimum Units: 5**

Renewable Energy

- NRG 120 Solar Electric Design & Applications **Minimum Units: 5**
- NRG 123 PV Performance Analysis **Minimum Units: 3**
- NRG 220 Advanced PV Design **Minimum Units: 5**
- NRG 223 Battery Based PV System Design **Minimum Units: 5**
- NRG 103 Introduction to Battery Technology **Minimum Units: 5**

High Performing Buildings

- NRG 162 Large Building Assessment: Building Technology **Minimum Units: 4**
- NRG 163 Large Building Energy: Methods & Measurements **Minimum Units: 4**
- NRG 200 Zero Energy Building Design **Minimum Units: 5**

Virtual Design and Electives

- NRG 181 Virtual Design for Energy Technologies **Minimum Units: 5**
- NRG 202 Career Seminar for Clean Technology **Minimum Units: 3**
- NRG 225 Introduction to SketchUp **Minimum Units: 5**
- NRG 226 Advanced Sketch-Up **Minimum Units: 5**
- NRG 290 Renewable Energy/Solar Internship **Minimum Units: 1**

Sustainable Business

- BUS 217 Sustainability-Focused Leadership **Minimum Units: 5**
- BUS 218 Measuring and Reporting Sustainability Progress **Minimum Units: 5**
- BUS 219 Sustainable Marketing **Minimum 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, AAAS Planning Guide

Program Description:

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.

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, MCS 105.

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 **Minimum Units: 5**
- PSYC& 100 General Psychology **Minimum Units: 5**
- SOC& 101 Introduction to Sociology **Minimum Units: 5**
- POLS& 101 Introduction to Political Science **Minimum Units: 5**
  or
- POLS& 202 Introduction to American Government and Politics **Minimum Units: 5**

Criminal Justice Core Requirements - 40 Credits

First Quarter

- CJ& 101 Introduction to Criminal Justice **Minimum Units: 5**
- PHIL 248 Ethical Issues in Criminal Justice **Minimum Units: 5**

Second Quarter

- CJ& 110 Criminal Law **Minimum Units: 5**

Third Quarter

- CJ 120 Administration of Justice **Minimum Units: 5**

Fourth Quarter

- CJ 238 Criminal Evidence and Constitutional Law **Minimum Units: 5**

Fifth Quarter

Internship is recommended for either 5th or 6th quarter. It is only offered winter and spring quarters

- CJ 241 Principles of Investigation I **Minimum Units: 5**

Sixth Quarter

**Internship is recommended for either 5th or 6th quarter. It is only offered winter and spring quarters*

- CJ 249 Police Operations **Minimum Units: 5**
- CJ 290 Internship **Minimum 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

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

Program Description:

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, EAP 99, or EAPAB 99.

Core Curriculum (15 Credits)

- CJ 135 Current Issues in Crime and Society **Minimum Units: 5**
  or
- SOC 135 Current Issues in Crime and Society **Minimum Units: 5**

- CJ 136 Crisis Intervention and Conflict Resolution **Minimum Units: 5**
  or
- SOC 136 Crisis Intervention and Conflict Resolution **Minimum Units: 5**

- CJ 137 Theories of Professionalism in Criminal Justice **Minimum Units: 5**
  or
- SOC 137 Theories of Professionalism in Criminal Justice **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Sociology Faculty Advisor: **Lawrence Clarke**
206-546-4700 lclarke@shoreline.edu Rm 5307

Criminal Justice Faculty Advisor: **Linda Forst**
206-546-4781 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, AAAS Planning Guide

Program Description:

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 pre-requisite 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)

Fall Quarter - 18 Credits

- DENHY 100 Head and Neck Anatomy **Minimum Units: 2**
- DENHY 101 Histology/Embryology **Minimum Units: 3**
- DENHY 102 Princ of General Pathology and Systemic Disease **Minimum Units: 2**
- DENHY 110 Dental Radiology **Minimum Units: 2**
- DENHY 121 Clinical Dental Hygiene and Fundamentals I **Minimum Units: 8**
- DENHY 141 Procedures Seminar I **Minimum Units: 1**

Winter Quarter - 18 Credits

- DENHY 111 Dental Radiology **Minimum Units: 3**
- DENHY 112 Dental Anatomy and Morphology **Minimum Units: 2**
- DENHY 120 Medical Emergencies **Minimum Units: 2**
- DENHY 115 Pain Control I **Minimum Units: 3**
- DENHY 122 Clinical Dental Hygiene and Fundamentals II **Minimum Units: 6**
- DENHY 142 Procedures Seminar II **Minimum Units: 1**
- DENHY 151 Electronic Health Records I **Minimum Units: 1**

Spring Quarter - 18 Credits

- DENHY 161 Periodontology I **Minimum Units: 2**
- DENHY 114 Oral Pathology **Minimum Units: 2**
- DENHY 130 Pharmacology **Minimum Units: 3**
- DENHY 181 Restorative Dentistry I **Minimum Units: 3**
- DENHY 123 Clinical Dental Hygiene and Fundamentals III **Minimum Units: 6**
- DENHY 152 Electronic Health Records II **Minimum Units: 1**
- DENHY 143 Procedures Seminar III **Minimum Units: 1**

Summer Quarter - 13 Credits

- DENHY 162 Periodontology II **Minimum Units: 2**
- DENHY 171 Community and Public Health Dentistry I **Minimum Units: 2**
- DENHY 140 Ethics and Jurisprudence **Minimum Units: 3**
- DENHY 182 Restorative Dentistry II **Minimum Units: 1**
- DENHY 124 Clinical Dental Hygiene and Fundamentals IV **Minimum Units: 5**

Dental Hygiene Core Requirements (Second Year)

Fall Quarter - 20 Credits

- DENHY 215 Pain Control II **Minimum Units: 1**
- DENHY 250 Dental Gerontology **Minimum Units: 1**
- DENHY 261 Periodontology III **Minimum Units: 1**
- DENHY 260 Care of the Patient with Special Needs **Minimum Units: 1**
- DENHY 281 Restorative Dentistry III **Minimum Units: 3**
- DENHY 282 Restorative Dentistry Preclinic and Clinic **Minimum Units: 3**
- DENHY 221 Clinical Dental Hygiene V **Minimum Units: 6**
- DENHY 231 Dental Hygiene Fundamentals V **Minimum Units: 2**
- DENHY 241 Procedures Seminar V **Minimum Units: 1**
- DENHY 251 Patient Records III **Minimum Units: 1**

Winter Quarter - 15 Credits

- DENHY 271 Public Health/Community Dentistry **Minimum Units: 2**
- DENHY 283 Restorative Clinic I **Minimum Units: 2**
- DENHY 222 Clinical Dental Hygiene VI **Minimum Units: 6**
- DENHY 232 Dental Hygiene Fundamentals VI **Minimum Units: 2**
- DENHY 242 Procedures Seminar VI **Minimum Units: 1**
- DENHY 278 Extramural Clinic I **Minimum Units: 1**
- DENHY 252 Patient Records IV **Minimum Units: 1**

Spring Quarter - 15 Credits

- DENHY 272 Special Community Dental Health Project **Minimum Units: 1**
- DENHY 270 Professional Issues **Minimum Units: 1**
- DENHY 284 Restorative Clinic II **Minimum Units: 2**
- DENHY 223 Clinical Dental Hygiene VII **Minimum Units: 6**
- DENHY 233 Dental Hygiene Fundamentals VII **Minimum Units: 2**
- DENHY 243 Procedures Seminar VII **Minimum Units: 1**
- DENHY 288 Extramural Clinic II **Minimum Units: 1**
- DENHY 253 Patient Records V **Minimum 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 Information Technology, AAAS Planning Guide

Program Description:

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.

General Education Core Requirements (15 Credits)

Human Relations (5 Credits)

- HIIM 224 Management for Health Information Supervisors **Minimum Units: 5**

Multicultural Understanding (5 Credits)

Choose one of the following courses: CMST 203, GWS 284, HIST 245, MCS 105, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

- HIIM 154 Revenue Cycle Management **Minimum Units: 5**

Core Requirements (81 Credits)

- MATH& 146 Introduction to Stats **Minimum 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. **Minimum Units: 4**
- HIIM 125 Hospital and Clinic Patient Records **Minimum Units: 5**
- HIIM 134 Medical Terminology **Minimum Units: 5**
- HIIM 170 Legal Aspects of Health Care **Minimum Units: 4**
- HIIM 171 Basic ICD-10 Coding **Minimum Units: 5**
- HIIM 172 Outpatient Coding **Minimum Units: 5**
- HIIM 173 Intermediate Medical Coding **Minimum Units: 5**
- HIIM 174 Pharmacology **Minimum Units: 3**
- HIIM 175 Human Diseases **Minimum Units: 5**
- HIIM 219 Healthcare Statistics **Minimum Units: 4**
- HIIM 220 Quality Improvement in Healthcare **Minimum Units: 5**
- HIIM 225 Health Informatics Essentials **Minimum Units: 5**
- HIIM 226 Alternative Care Record Systems **Minimum Units: 4**
- HIIM 233 Prep for Professional Practice Experience (PPE) **Minimum Units: 1**
- HIIM 234 Professional Practice Experience **Minimum Units: 4**
- HIIM 235 Health Information Management Projects **Minimum Units: 4**
- HIIM 238 Health Data Management **Minimum Units: 5**
- HIIM 242 Spreadsheet Applications in Health Info Mgmt **Minimum 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)
206-546-4707 ganderso@shoreline.edu Rm 2333

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 & Revenue Integrity Specialist Certificate of Proficiency Planning Guide

Program Description:

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.

General Education Core Requirements (2-5 Credits)

Human Relations: (2-5 Credits)

- BUS 105 Essentials of Human Relations **Minimum Units: 2**
  or
- BUS 104 Human Relations in Business **Minimum Units: 5**
  or
- HIIM 224 Management for Health Information Supervisors **Minimum Units: 5** (for dual enrollment in MCRS and HIT)

Core Requirements (61 Credits)

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- HIIM 120 Healthcare Delivery in the U.S. **Minimum Units: 4**
- HIIM 125 Hospital and Clinic Patient Records **Minimum Units: 5**
- HIIM 134 Medical Terminology **Minimum Units: 5**
- HIIM 154 Revenue Cycle Management **Minimum Units: 5**
- HIIM 170 Legal Aspects of Health Care **Minimum Units: 4**
- HIIM 171 Basic ICD-10 Coding **Minimum Units: 5**
- HIIM 172 Outpatient Coding **Minimum Units: 5**
- HIIM 173 Intermediate Medical Coding **Minimum Units: 5**
- HIIM 174 Pharmacology **Minimum Units: 3**
- HIIM 175 Human Diseases **Minimum Units: 5**
- HIIM 225 Health Informatics Essentials **Minimum Units: 5**
- HIIM 228 Medical Coding Practicum **Minimum Units: 3**
- HIIM 241 Hierarchical Condition Categories (HCC) Coding **Minimum Units: 2**

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)
206-546-4707 ganderso@shoreline.edu Rm 2333

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: MISCRC45

Health Information Foundations Certificate of Completion Planning Guide

Program Description:

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 134 Medical Terminology **Minimum Units: 5**
- HIIM 125 Hospital and Clinic Patient Records **Minimum Units: 5**
- HIIM 170 Legal Aspects of Health Care **Minimum Units: 4**
- HIIM 180 Intro to Reimbursement and Coding **Minimum Units: 3**
- BUS 105 Essentials of Human Relations **Minimum 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 Student Learning and Success at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisors:

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)
206-546-4707 ganderso@shoreline.edu Rm 2333

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

Health Data Analyst Certificate of Completion Planning Guide

Program Description:

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 (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 2.0 or better for each individual course in the program and program prerequisites required.

Program Prerequisites:

MATH& 146; BUSTC 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).

Core Curriculum (18 credits)

Note: Please check prerequisites for each class below. Students who are not enrolled in or have not previously completed Shoreline's HIT AAAS degree should contact a HIIM program advisor to discuss this program.

- HIIM 219 Healthcare Statistics **Minimum Units: 4**
- HIIM 225 Health Informatics Essentials **Minimum Units: 5**
- HIIM 238 Health Data Management **Minimum Units: 5**
- HIIM 239 Health Data Visualization **Minimum Units: 2**
- HIIM 240 Health Data Project **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisors:

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)
206-546-4707 ganderso@shoreline.edu Rm 2333

Program Information:

Length of Program: 18 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

Manufacturing/Machinist Technology, AAAS Planning Guide

Program Description:

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.

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, MCS 105.

Human Relations (2-5 Credits)

Choose one of the following courses: BUS 105, BUS 250, BUSTC 114, CMST& 101.

Required Core Courses (84 - 90 Credits)

- MFGT 105 Basic Manufacturing **Minimum Units: 20**
- MFGT 106 Intermediate Manufacturing **Minimum Units: 20**
- MFGT 120 Manufacturing Technology Applications **Minimum Units: 20**

Choose between 24-30 credits from the courses below:

- MFGT 155 Quality Assurance Fundamentals **Minimum Units: 5**
- MFGT 156 Certified Quality Inspector Preparation **Minimum Units: 5**
- MFGT 196 Manufacturing Internship **Minimum Units: 9**
- MFGT 215 Manufacturing Technology Programming **Minimum Units: 6**
- MFGT 220 Computer Aided Manufacturing (CAM) **Minimum Units: 6**
- MFGT 225 Introduction to Additive Manufacturing **Minimum Units: 3**
- MFGT 227 Advanced CAD/CAM Programming **Minimum Units: 5**
- MFGT 244 Preventative Maintenance **Minimum Units: 3**
- MFGT 245 10-Hour OSHA **Minimum Units: 1**
- MFGT 246 Mechanical Maintenance **Minimum Units: 5**
- MFGT 247 Motive Maintenance **Minimum Units: 5**
- MFGT 248 Control Maintenance **Minimum Units: 5**
- MFGT 280 Robot Certification **Minimum Units: 5**
- MFGT 296 CAM Internship **Minimum 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

Program Description:

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:

A.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 (*). See catalog for more information.

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, MCS 105, 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 **Minimum Units: 20**
- MFGT 244 Preventative Maintenance **Minimum Units: 3**
- MFGT 245 10-Hour OSHA **Minimum Units: 1**
- MFGT 246 Mechanical Maintenance **Minimum Units: 5**
- MFGT 247 Motive Maintenance **Minimum Units: 5**
- MFGT 196 Manufacturing Internship **Minimum Units: 9 (6-9)**
- MFGT 280 Robot Certification **Minimum 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 Rm 2501F

Program Navigator:

Wanda Waldrop 206-533-6679 wwaldrop@shoreline.edu Rm 2502

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

Program Description:

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.

Grade of 2.0 or better 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, and placement into MATH 70.

Program Requirements

- MFGT 105 Basic Manufacturing **Minimum Units: 20** (Certificate in Basic Manufacturing)

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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

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: 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

Program Description:

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 **Minimum Units: 1**
- MFGT 246 Mechanical Maintenance **Minimum Units: 5**
- MFGT 247 Motive Maintenance **Minimum Units: 5**
- MFGT 248 Control Maintenance **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

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: 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

Program Description:

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.

CP Core Curriculum

- MFGT 105 Basic Manufacturing **Minimum Units: 20**
- MFGT 106 Intermediate Manufacturing **Minimum Units: 20**
- MFGT 120 Manufacturing Technology Applications **Minimum 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

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.

CP Core Curriculum

- MFGT 105 Basic Manufacturing **Minimum Units: 20**
- MFGT 244 Preventative Maintenance **Minimum Units: 3**
- MFGT 245 10-Hour OSHA **Minimum Units: 1**
- MFGT 246 Mechanical Maintenance **Minimum Units: 5**
- MFGT 247 Motive Maintenance **Minimum Units: 5**
- MFGT 196 Manufacturing Internship **Minimum Units: 9 (6-9)**
- MFGT 280 Robot Certification **Minimum Units: 5**

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

Program Description:

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, and placement into MATH 70.

Program Requirements (40 Credits)

- MFGT 105 Basic Manufacturing **Minimum Units: 20**
- MFGT 106 Intermediate Manufacturing **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

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: 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

Program Description:

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 **Minimum Units: 5**
- MFGT 156 Certified Quality Inspector Preparation **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Where can I go for help?

Program Advisor:

Keith Smith 206-546-6969 ksmith2@shoreline.edu Rm 2501F

Program Navigator:

206-553-6657 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 Technology, AAAS Planning Guide

Program Description:

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 English and Math courses 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.

- English: ENGL& 101
- Math: MATH& 146
- Proof of current Healthcare Provider (CPR & AED)

General Education Core Requirements (12-15 Credits)

Communication Skills (5 Credits)

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

Multicultural Understanding (2-5 Credits)

Choose one of the following courses: BUS 105, HUM 105, BUS 103, CMST 203, CMST 285, HIST 245, MCS 105, GWS 284, PSYC 230, SOC 270.

Quantitative/Symbolic Reasoning (5 Credits)

- MATH& 146 Introduction to Stats **Minimum Units: 5**

Program Core Requirements (34 Credits)

The following science courses must be taken with in-person labs. Exceptions may be made on an individual basis.

- BIOL& 170 Human Biology **Minimum Units: 5**
- BIOL& 211 Majors Cellular: Biology **Minimum Units: 5**
- BIOL& 260 Microbiology **Minimum Units: 5**
- CHEM& 121 Intro to Chemistry **Minimum Units: 5**
- CHEM& 131 Introduction to Organic/Biochemistry **Minimum Units: 5**

Spring Quarter Prior to Professional Year

- MLT 181 Introduction to Medical Lab Procedures **Minimum Units: 4**
- MLT 182 Lab: Med. Lab Procedures **Minimum Units: 2**
- MLT 183 Mathematic Applications for the Clinical Laboratory **Minimum Units: 2**
- MLT 184 Preparation as a Laboratory Professional **Minimum Units: 1**

Professional Year (68 Credits)

Fall Quarter

- MLT 221 Hematology Lecture **Minimum Units: 6**
- MLT 231 Hematology Laboratory **Minimum Units: 3**
- MLT 226 Urinalysis, Body Fluids, and Coagulation Lecture **Minimum Units: 3**
- MLT 236 Urinalysis, Body Fluids, and Coagulation Laboratory **Minimum Units: 2**
- MLT 225 Clinical Immunology Lecture **Minimum Units: 4**
- MLT 235 Clinical Immunology Laboratory **Minimum Units: 2**

Winter Quarter

- MLT 200 MLT Phlebotomy Skills Lab **Minimum Units: 1**
- MLT 222 Clinical Chemistry Lecture **Minimum Units: 6**
- MLT 232 Clinical Chemistry Lab **Minimum Units: 3**
- MLT 224 Clinical Microbiology Lecture **Minimum Units: 5**
- MLT 234 Clinical Microbiology Laboratory **Minimum Units: 3**

Spring or Fall Quarter

- MLT 132 Phlebotomy Practicum **Minimum Units: 1 *** *Variable credit class. 2 credits of MLT 132 required for this degree.
- MLT 241 Hematology Practicum **Minimum Units: 6**
- MLT 242 Chemistry Practicum **Minimum Units: 6**
- MLT 244 Microbiology Practicum **Minimum Units: 6**

Summer Quarter

- MLT 245 Integrated Immunohematology **Minimum Units: 10**

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 www.shoreline.edu/MedicalLab01.aspx.

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
American Society for Clinical Laboratory Science- Washington State, www.asclswa.org
American Society for Clinical Pathology, www.ascp.org

Certification in clinical laboratory careers:
Medical Laboratory Technician Certification: MLT (ASCP)
American Society for Clinical Laboratory Pathology (ASCP)
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; 5600 N River Road, Rosemont, IL 60018-5119

Salary Information:
Bureau of Labor Statistics, http://www.bls.gov/
Salary.com, 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:

Jennifer Stevens 206-546-4710 jstevens@shoreline.edu Rm 2330

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

Medical Laboratory Technology Certificate of Proficiency Planning Guide

Program Description:

The Medical Laboratory Technology Certificate 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 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 to the professional year of the Medical Laboratory Technology program, provided they have completed the Program Core Requirements listed in Medical Laboratory Technology, AAAS Planning Guide including BUS 105 Essentials of Human Relations and ENGL& 101 English Composition I. A minimum 2.0 grade is required in prerequisite courses. If the degree earned is from a college outside of the U.S. and courses were not taken in English, then the ENGL& 101 requirement must be met.

Professional Year (68 Credits)

Fall Quarter

- MLT 221 Hematology Lecture **Minimum Units: 6**
- MLT 231 Hematology Laboratory **Minimum Units: 3**
- MLT 226 Urinalysis, Body Fluids, and Coagulation Lecture **Minimum Units: 3**
- MLT 236 Urinalysis, Body Fluids, and Coagulation Laboratory **Minimum Units: 2**
- MLT 225 Clinical Immunology Lecture **Minimum Units: 4**
- MLT 235 Clinical Immunology Laboratory **Minimum Units: 2**

Winter Quarter

- MLT 200 MLT Phlebotomy Skills Lab **Minimum Units: 1**
- MLT 222 Clinical Chemistry Lecture **Minimum Units: 6**
- MLT 232 Clinical Chemistry Lab **Minimum Units: 3**
- MLT 224 Clinical Microbiology Lecture **Minimum Units: 5**
- MLT 234 Clinical Microbiology Laboratory **Minimum Units: 3**

Spring or Fall Quarter

- MLT 132 Phlebotomy Practicum **Minimum Units: 1** * * Variable credit course. 2 credits required for this certificate.
- MLT 241 Hematology Practicum **Minimum Units: 6**
- MLT 242 Chemistry Practicum **Minimum Units: 6**
- MLT 244 Microbiology Practicum **Minimum Units: 6**

Summer Quarter

- MLT 245 Integrated Immunohematology **Minimum Units: 10**

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 http://www.shoreline.edu/MedicalLab01.aspx.

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), http://www.ascls.org

American Society for Clinical Laboratory Science- Washington State, http://www.asclswa.org

American Society for Clinical Pathology, http://www.ascp.org

Certification in clinical laboratory careers:

Medical Laboratory Technician Certification: MLT (ASCP) American Society for Clinical Laboratory Pathology (ASCP) 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), http://www.naacls.org; 5600 N River Road, Rosemont, IL 60018-5119

Salary Information:

Bureau of Labor Statistics, http://www.bls.gov/

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:

Jennifer Stevens 206-546-4710 jstevens@shoreline.edu Rm 2330

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

Music Technology

Audio Engineering Production, AAAS Planning Guide

Program Description:

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 EAP 99, 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.

Core Curriculum - 17 Credits

Communication Skills (5 Credits)

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

Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Minimum Units: 2**

Multicultural Studies (5 Credits)

Choose either CMST 203 or MCS 105.

Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Minimum Units: 5**

Music Tech/Music Requirements - 73 Credits

- MUSTC 100 Career Development **Minimum Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Minimum Units: 2**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- MUSTC 121 First-Year Audio Recording 1 **Minimum Units: 3**
- MUSTC 122 First-Year Audio Recording 2 **Minimum Units: 3**
- MUSTC 123 First-Year Audio Recording 3 **Minimum Units: 3**
- MUSTC 131 Digital Audio Production 1 **Minimum Units: 3**
- MUSTC 132 Digital Audio Production 2 **Minimum Units: 3**
- MUSTC 133 Digital Audio Production 3 **Minimum Units: 3**
- MUSTC 135 Introduction to Live Sound Reinforcement **Minimum Units: 3**
- MUSTC 141 Tech Music Theory 1 **Minimum Units: 3**
- MUSTC 142 Tech Music Theory 2 **Minimum Units: 3**
- MUSTC 143 Tech Music Theory 3 **Minimum Units: 3**
- MUSTC 151 Introduction to Music Technology **Minimum Units: 2**
- MUSTC 191 Tech Keyboard 1 **Minimum Units: 2**
- MUSTC 192 Tech Keyboard 2 **Minimum Units: 2**
- MUSTC 193 Tech Keyboard 3 **Minimum Units: 2**
- MUSTC 221 Multitrack Music Production 1 **Minimum Units: 3**
- MUSTC 222 Multitrack Music Production 2 **Minimum Units: 3**
- MUSTC 223 Multitrack Music Production 3 **Minimum Units: 3**
- MUSTC 231 Audio Post-I Digital Music Production **Minimum Units: 3**
- MUSTC 232 Audio Post II - Digital Radio Production **Minimum Units: 3**
- MUSTC 233 Audio Post III - Digital Audio for Video **Minimum Units: 3**

- MUSTC 241 Tech Music Theory 4 **Minimum Units: 3**
- MUSTC 242 Tech Music Theory 5 **Minimum Units: 3**
- MUSTC 243 Tech Music Theory 6 **Minimum Units: 3**
- MUSTC 274 Music Technology Portfolio Development
  Minimum Units: 2

Program Advisor:

Jeff Kashiwa 206-533-6770 jkashiwa@shoreline.edu Rm 807
Doug Reid 206-546-4759 dreid@shoreline.edu Rm 812

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

Program Description:

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 EAP 99, 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.

Core Curriculum - 17 Credits

Communication Skills (5 Credits)

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

Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Minimum Units: 2**

Multicultural Understanding (5 Credits)

Choose either CMST 203 or MCS 105.

Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Minimum Units: 5**

Music Tech/Music Requirements - 74 Credits

- MUSTC 100 Career Development **Minimum Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Minimum Units: 2**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- MUSTC 121 First-Year Audio Recording 1 **Minimum Units: 3**
- MUSTC 122 First-Year Audio Recording 2 **Minimum Units: 3**
- MUSTC 123 First-Year Audio Recording 3 **Minimum Units: 3**
- MUSC 139 Music Notation Software **Minimum Units: 2**
- MUSTC 141 Tech Music Theory 1 **Minimum Units: 3**
- MUSTC 142 Tech Music Theory 2 **Minimum Units: 3**
- MUSTC 143 Tech Music Theory 3 **Minimum Units: 3**
- MUSTC 151 Introduction to Music Technology **Minimum Units: 2**
- MUSTC 152 MIDI Sequencing I **Minimum Units: 2**
- MUSTC 153 MIDI Sequencing II **Minimum Units: 2**
- MUSTC 154 Synthesizers: Modular & FM **Minimum Units: 3**
- MUSTC 155 Synthesizers: Sampling **Minimum Units: 3**
- MUSTC 163 MIDI Drum Programming **Minimum Units: 2**
- MUSTC 180 Audio for Interactive Media - I **Minimum Units: 3**
- MUSTC 181 Audio for Interactive Media - II **Minimum Units: 3**
- MUSTC 191 Tech Keyboard 1 **Minimum Units: 2**
- MUSTC 192 Tech Keyboard 2 **Minimum Units: 2**
- MUSTC 193 Tech Keyboard 3 **Minimum Units: 2**
- MUSC 207 The Craft of Songwriting **Minimum Units: 2**
- MUSTC 241 Tech Music Theory 4 **Minimum Units: 3**
- MUSTC 242 Tech Music Theory 5 **Minimum Units: 3**
- MUSTC 243 Tech Music Theory 6 **Minimum Units: 3**
- MUSTC 271 Advanced Electronic Music Production I **Minimum Units: 3**
- MUSTC 272 Advanced Electronic Music Production II **Minimum Units: 3**
- MUSTC 273 Advanced Electronic Music Production III **Minimum Units: 3**
- MUSTC 274 Music Technology Portfolio Development **Minimum Units: 2**

Program Advisor:

Jeff Kashiwa 206-533-6770 jkashiwa@shoreline.edu Rm 807
Doug Reid 206-546-4759 dreid@shoreline.edu Rm 812

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

Program Description:

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 EAP 99, 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.

Core Curriculum - 17 Credits

Communication Skills (5 Credits)

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

Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Minimum Units: 2**

Multicultural Studies (5 Credits)

Choose either CMST 203 or MCS 105.

Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Minimum Units: 5**

Music Tech Requirements - 26 Credits

- MUSTC 100 Career Development **Minimum Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Minimum Units: 2**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- MUSTC 141 Tech Music Theory 1 **Minimum Units: 3**
- MUSTC 142 Tech Music Theory 2 **Minimum Units: 3**
- MUSTC 143 Tech Music Theory 3 **Minimum Units: 3**
- MUSTC 191 Tech Keyboard 1 **Minimum Units: 2**
- MUSTC 192 Tech Keyboard 2 **Minimum Units: 2**
- MUSTC 200 Navigating the New Music Business **Minimum Units: 3**
- MUSTC 201 Masters and Mentors **Minimum Units: 2**
- MUSTC 274 Music Technology Portfolio Development **Minimum Units: 2**

Business Requirements - 30 Credits

- ACCT 170 Federal Income Tax Individuals/Small Business **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 248 Digital Marketing **Minimum Units: 5**
- BUS 270 Entrepreneurship- Starting a New Business **Minimum Units: 5**
- BUSTC 105 Computer Applications **Minimum Units: 5**
- BTWRT 215 Business Communications **Minimum Units: 5**

Electives - 17 Credits

Select from Business and/or Music Technology, Music courses.

Program Advisor:

Doug Reid 206-546-4759 dreid@shoreline.edu Rm 812
Jeff Kashiwa 206-533-6770 jkashiwa@shoreline.edu Rm 807

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

Program Description:

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 EAP 99, 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.

Core Curriculum - 17 Credits

Communication Skills (5 Credits)

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

Human Relations (2 Credits)

- BUS 105 Essentials of Human Relations **Minimum Units: 2**

Multicultural Understanding (5 Credits)

Choose one of the following courses: HUM 105, CMST 203, MCS 105.

Quantitative/Symbolic Reasoning (5 Credits)

- MUSTC 106 Acoustics of Music **Minimum Units: 5**

Music Tech Requirements - 43 Credits

- MUSTC 100 Career Development **Minimum Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Minimum Units: 2**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- MUSTC 135 Introduction to Live Sound Reinforcement **Minimum Units: 3**
- MUSC 133 Performance Techniques **Minimum Units: 2**
- MUSTC 141 Tech Music Theory 1 **Minimum Units: 3**
- MUSTC 142 Tech Music Theory 2 **Minimum Units: 3**
- MUSTC 143 Tech Music Theory 3 **Minimum Units: 3**
- MUSTC 151 Introduction to Music Technology **Minimum Units: 2**
- MUSTC 152 MIDI Sequencing I **Minimum Units: 2**
- MUSTC 191 Tech Keyboard 1 **Minimum Units: 2**
- MUSTC 192 Tech Keyboard 2 **Minimum Units: 2**
- MUSTC 200 Navigating the New Music Business **Minimum Units: 3**
- MUSTC 241 Tech Music Theory 4 **Minimum Units: 3**
- MUSTC 242 Tech Music Theory 5 **Minimum Units: 3**
- MUSTC 243 Tech Music Theory 6 **Minimum Units: 3**
- MUSTC 274 Music Technology Portfolio Development **Minimum Units: 2**

Applied Lessons Requirements - Minimum of 6 credits

*2 credits required, Instructor approval required for registration.

- MUSC 196 Individual Instruction Instrumental **Minimum Units: 1**
- MUSC 296 Private Instruction Instrumental **Minimum 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 **Minimum Units: 2**
- MUSC 136 Jazz Ensemble **Minimum Units: 1**
- MUSC 140 Concert Band **Minimum Units: 2**
- MUSC 144 Funk & Groove **Minimum Units: 2**
- MUSC 146 Orchestra **Minimum Units: 2**
- MUSC 175 Chamber Chorale **Minimum 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 **Minimum Units: 5**
- MUSC 109 American Popular Music **Minimum Units: 5**
- MUSC 139 Music Notation Software **Minimum Units: 2**
- MUSTC 201 Masters and Mentors **Minimum Units: 2**
- MUSC 206 Jazz History **Minimum Units: 5**
- MUSC 207 The Craft of Songwriting **Minimum Units: 2**
- MUSC 210 Songwriting Workshop **Minimum Units: 2**

Program Advisor:

Doug Reid 206-546-4759 dreid@shoreline.edu Rm 812
Jeff Kashiwa 206-533-6770 jkashiwa@shoreline.edu Rm 807

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

Program Description:

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 **Minimum Units: 3**
- MUSTC 132 Digital Audio Production 2 **Minimum Units: 3**
- MUSTC 133 Digital Audio Production 3 **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Jeffrey Kashiwa 206-533-6770 jkashiwa@shoreline.edu Rm 808

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

Program Description:

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 (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:

MUSC 100, MATH 70 or instructor permission, and placement into ENGL& 101.

Program Requirements

- MUSTC 151 Introduction to Music Technology **Minimum Units: 2**
- MUSTC 152 MIDI Sequencing I **Minimum Units: 2**
- MUSTC 153 MIDI Sequencing II **Minimum Units: 2**
- MUSTC 163 MIDI Drum Programming **Minimum Units: 2**
- MUSTC 106 Acoustics of Music **Minimum Units: 5**
- MUSC 139 Music Notation Software **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Doug Reid 206-546-4759 dreid@shoreline.edu Rm 812

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: MUOFEC01

Foundations of Multi-Track Recording Certificate of Completion Planning Guide

Program Description:

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 **Minimum Units: 3**
- MUSTC 122 First-Year Audio Recording 2 **Minimum Units: 3**
- MUSTC 123 First-Year Audio Recording 3 **Minimum Units: 3**
- MUSTC 221 Multitrack Music Production 1 **Minimum Units: 3**
- MUSTC 222 Multitrack Music Production 2 **Minimum Units: 3**
- MUSTC 223 Multitrack Music Production 3 **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Doug Reid (206) 546-4759 DReid@shoreline.edu Rm 812

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

Program Description:

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 **Minimum Units: 2**
- MUSC 207 The Craft of Songwriting **Minimum Units: 2**
- MUSTC 101 Survey of Music Recording/Publishing Business **Minimum Units: 2**
- MUSC 210 Songwriting Workshop **Minimum Units: 2**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- MUSTC 201 Masters and Mentors **Minimum Units: 2**
- MUSTC 200 Navigating the New Music Business **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Doug Reid 206-546-4759 dreid@shoreline.edu Rm 812
Sue Ennis 206-533-6607 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

Program Description:

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 **Minimum Units: 5**
- MUSTC 172 Dig. Audio Workstation II: Static Sound Design **Minimum Units: 5**
- MUSTC 173 Dig Audio Workstn III Film/Video Post Production **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Doug Reid (206) 546-4759 dreid@shoreline.edu Rm 812

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

Pop and Commercial Music Theory Certificate of Completion Planning Guide

Program Description:

The Certificate of Completion in Pop and Commercial Music Theory provides students with content specific to theoretical analysis, arranging, and composition in a modern music style.

Certificate of Completion (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:

Instructor permission.

Program Requirements

- MUSTC 250 Class Piano for Popular and Commercial Music **Minimum Units: 2**
- MUSTC 241 Tech Music Theory 4 **Minimum Units: 3**
- MUSTC 242 Tech Music Theory 5 **Minimum Units: 3**
- MUSTC 243 Tech Music Theory 6 **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Doug Reid (206) 546-4759 dreid@shoreline.edu Rm 812

Program Information:

Length of Program: 17 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: MUOPCC01

Nursing

Nursing - 6 Quarter Option, AAS-T Planning Guide

Program Description:

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 (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.

6-Quarter Option Requirements (70 Credits)

First Quarter

- NURS 101 Success Strategies for Nursing Students Seminar **Minimum Units: .5**
- NURS 121 Communication in Nursing **Minimum Units: 3**
- NURS 131 Skills Practice Laboratory for Communication **Minimum Units: 1**
- NURS 141 Foundations of Nursing Practice **Minimum Units: 3**
- NURS 151 Nursing Foundations Practicum **Minimum Units: 4** (in care setting)
- NURS 161 Skills Practice Laboratory I **Minimum Units: 1**

Second Quarter

- NURS 102 Cultivation of Care for the Nurse Seminar **Minimum Units: 1**
- NURS 112 Critical Thinking in the Nursing Process **Minimum Units: 1**
- NURS 142 Nursing Practice and Common Health Disturbances **Minimum Units: 5**
- NURS 152 Common Health Disturbances Practicum **Minimum Units: 4** (in care setting)
- NURS 162 Skills Practice Laboratory II **Minimum Units: 1**

Third Quarter

- NURS 103 Finding Your Career-Centered Passion **Minimum Units: .5**
- NURS 143 Nursing Practice & Complex Health Disturbances I **Minimum Units: 6**
- NURS 153 Complex Health Disturbances I Practicum **Minimum Units: 4.5** (in care setting)
- NURS 163 Skills Practice Laboratory III **Minimum Units: 1**

Fourth Quarter

- NURS 204 Fostering a Culture of Physical & Psychological Safety in Healthcare Seminar **Minimum Units: 0.5**
- NURS 221 Nurs Practice and Complex Health Disturbances II **Minimum Units: 3**
- NURS 231 Complex Health Disturbances II Practicum **Minimum Units: 4** (in care setting)
- NURS 241 Nursing Practice and Psychosocial Disturbance **Minimum Units: 2.5**
- NURS 251 Psychosocial Disturbance Practicum **Minimum Units: 2.5** (in care setting)

Fifth Quarter

- NURS 205 Nursing Career Interviewing Seminar **Minimum Units: 0.5**
- NURS 222 Nursing Practice and the Childbearing Family **Minimum Units: 3.5**
- NURS 232 Nursing and Childbearing Family Practicum **Minimum Units: 3** (in care setting)
- NURS 242 Nursing Practice and Health Promotion **Minimum Units: 3.5**
- NURS 252 Nursing and Health Promotion Practicum **Minimum Units: 1.5** (in care setting)

Sixth Quarter

- NURS 206 Transition to Practice Seminar **Minimum Units: 0.5**
- NURS 223 Nurs Practice & Complex Health Disturbances III **Minimum Units: 3**
- NURS 233 Complex Health Disturbances III Practicum **Minimum Units: 4** (in care setting)
- NURS 243 Managing Nursing Care in the Health Care System **Minimum Units: 4**

Dean of Nursing:

Mary Burroughs 206-546-4734 mburroughs@shoreline.edu Rm 2309

Program Information:

Length of Program: 115 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 - 10 Quarter Option, AAS-T Planning Guide

Program Description:

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

- NURSE 121 Communication in Nursing - 10 Qtr **Minimum Units: 3**
- NURSE 131 Communication Skills Lab - 10 Qtr **Minimum Units: 1**

Second Quarter

- NURSE 122 Found. of Nursing Practice - 10 Qtr **Minimum Units: 3**
- NURSE 132 Skills Practice Lab - 10 Qtr **Minimum Units: 1**
- NURSE 142 Nursing Foundations Practicum - 10 Qtr **Minimum Units: 4** (in care setting)

Third Quarter

- NURSE 123 Nsg Practice & Common Health Disturbances-10-Qtr **Minimum Units: 7** (includes practicum in care setting)

Fourth Quarter

- NURSE 124 Nsg Prac & Complex Health Disturbances I - 10-Qtr **Minimum Units: 2** (includes practicum in care setting)

Fifth Quarter

- NURSE 125 Nsg Prac & Complex Health Disturbances II- 10-Qtr **Minimum Units: 6**

Sixth Quarter

- NURSE 221 Nsg Pract & Complex Health Disturb III - 10-Qtr **Minimum Units: 2.5**
- NURSE 231 Complex Health Disturbances Practicum I- 10-Qtr **Minimum Units: 6.5** (in care setting)

Seventh Quarter

- NURSE 222 Nursing Practice and Health Promotion - 10-Qtr **Minimum Units: 3.5**
- NURSE 232 Nursing and Health Promotion Practicum - 10-Qtr **Minimum Units: 1.5** (in care setting)
- NURSE 242 Nsg Pract and Psychsocial Disturbance - 10-Qtr **Minimum Units: 2.5**

Eighth Quarter

- NURSE 243 Psychsocial Disturbances Practicum - 10-Qtr **Minimum Units: 2** (in care setting)
- NURSE 223 Nursing Prac & the Childbearing Family - 10-Qtr **Minimum Units: 3**
- NURSE 233 Nursing and Childbearing Family Practicum- 10-Qtr **Minimum Units: 4** (in care setting)

Ninth Quarter

- NURSE 225 Nursing Prac & Complex Health Disturb IV- 10-Qtr **Minimum Units: 3**
- NURSE 235 Complex Health Disturbances Practicum II - 10-Qtr **Minimum Units: 4** (in care setting)

Tenth Quarter

- NURSE 224 Mngng Nsg Care in the Health Care System- 10-Qtr **Minimum Units: 3**
- NURSE 234 Managing Nursing Care Practicum - 10-Qtr **Minimum Units: 2** (in care setting)

Dean of Nursing:

Mary Burroughs 206-546-4734 mburroughs@shoreline.edu Rm 2315

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

Nursing - LPN to RN Advanced Placement Option, AAS-T Planning Guide

Program Description:

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
- 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 (required if taking biology courses at Shoreline)
- CHEM& 121* (General Chemistry) - 5 credits, completed within 15 years of application to the program
- ENGL& 101* (English Composition) - 5 credits
- BIOL& 241* (Anatomy & Physiology I) - 5 credits, completed within 10 years of application to the program
- BIOL& 242* (Anatomy & 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 (Human Nutrition) - 5 credits, must be completed before entering the Nursing Program
- PSYC& 200 (Lifespan Psychology) - 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.

LPN to RN Advanced Placement Option Requirements (48 Credits)

First Quarter

- NURS 143 Nursing Practice & Complex Health Disturbances I **Minimum Units: 6**
- NURS 163 Skills Practice Laboratory III **Minimum Units: 1**
- NURS 121 Communication in Nursing **Minimum Units: 3**
- NURS 131 Skills Practice Laboratory for Communication **Minimum Units: 1**
  Choose <u>one</u> of the following courses:
- NURS 101 Success Strategies for Nursing Students Seminar **Minimum Units: .5**
- NURS 102 Cultivation of Care for the Nurse Seminar **Minimum Units: 1**
- NURS 103 Finding Your Career-Centered Passion **Minimum Units: .5**

Second Quarter

- NURS 204 Fostering a Culture of Physical & Psychological Safety in Healthcare Seminar **Minimum Units: 0.5**
- NURS 221 Nurs Practice and Complex Health Disturbances II **Minimum Units: 3**
- NURS 231 Complex Health Disturbances II Practicum **Minimum Units: 4** (in care setting)
- NURS 241 Nursing Practice and Psychosocial Disturbance **Minimum Units: 2.5**
- NURS 251 Psychosocial Disturbance Practicum **Minimum Units: 2.5** (in care setting)

Third Quarter

- NURS 205 Nursing Career Interviewing Seminar
  Minimum Units: 0.5
- NURS 222 Nursing Practice and the Childbearing Family
  Minimum Units: 3.5
- NURS 232 Nursing and Childbearing Family Practicum
  Minimum Units: 3 (in care setting)
- NURS 242 Nursing Practice and Health Promotion
  Minimum Units: 3.5
- NURS 252 Nursing and Health Promotion Practicum
  Minimum Units: 1.5 (in care setting)

Fourth Quarter

- NURS 206 Transition to Practice Seminar **Minimum Units: 0.5**
- NURS 223 Nurs Practice & Complex Health Disturbances III **Minimum Units: 3**
- NURS 233 Complex Health Disturbances III Practicum
  Minimum Units: 4 (in care setting)
- NURS 243 Managing Nursing Care in the Health Care System **Minimum Units: 4**
- NURS 253 Managing Nursing Care Practicum **Minimum Units: 2** (in care setting)

Dean of Nursing:

Mary Burroughs 206-546-4734 mburroughs@shoreline.edu Rm 2309

Program Information:

Length of Program: 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

Program Description:

Shoreline Community College offers an 18 credit, 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. The program uses the I-BEST approach to instruction, with two teachers in the classroom and opportunities for students to strengthen their English and basic skills. Students also develop job search skills and learn about healthcare career options.

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.

Grade of 2.0 or better for each individual course in the program required.

Program Prerequisites:

CASAS test score of at least 220 in reading and 210 in math, successful completion of criminal background check (required by healthcare providers), proof of health insurance and immunizations. Shoreline English language learners should complete ESL Level 5.

Program Requirements (18 Credits)

- NAC 103 Nursing Assistant (NAC) Theory and Skills Lab **Minimum Units: 13**
- NAC 104 Nursing Assistant Clinical Experience **Minimum Units: 3**
- ABE 82 Special Topics in Adult Basic Education **Minimum Units: 1**

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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Where can I go for help?

Program Advisor:

Ariosto Moran-Martinez 206-546-4584 amoran-martinez@shoreline.edu Rm 2332

I-BEST Program Specialist

Mary Lockman 206-546-6930 mlockman@shoreline.edu

Program Information:

Length of Program: 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

Digital Film Production, AAAS Planning Guide

Program Description:

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.

General Education Requirements - 20 Credits

Communication Skills (10 Credits)

- ENGL& 101 English Composition I **Minimum Units: 5**
- ENGL& 102 Composition II: Reasoning/Research/Writing **Minimum 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 **Minimum Units: 5**
- CINEM 201 Introduction to Cinema History **Minimum Units: 5**
- CMST& 102 Introduction to Mass Media **Minimum Units: 5**
- CMST 203 Communication for Social Change **Minimum Units: 5**
- DRMA 156 Acting, Writing, Directing for the Camera I **Minimum Units: 5**
- DRMA 155 Acting for Television and Film **Minimum Units: 3**
- FILM 210 Producing and Marketing for Independent Film **Minimum Units: 5**
- FILM 256 Video Production I **Minimum Units: 5**
- FILM 257 Video Production II **Minimum Units: 5**
- FILM 265 Editing I **Minimum Units: 5**
- FILM 285 Screenwriting **Minimum Units: 5**
- FILM 290 Industry Experience in Film **Minimum Units: 1**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- VCT 268 Editing Software Lab **Minimum Units: 3**

Electives - 14-15 Credits

Choose 3 courses from the following list: CINEM 202, 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

Program Description:

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.

General Education Core Requirements (12-15 Credits)

Communication (5 Credits)

- ENGL& 101 English Composition I **Minimum 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 **Minimum Units: 5**
- DRMA& 101 Introduction to Theatre **Minimum Units: 5**
- DRMA 144 Acting 1 **Minimum Units: 5**
- DRMA 145 Acting 2 **Minimum Units: 5**
- DRMA 146 Acting 3 **Minimum Units: 5**
- DRMA 155 Acting for Television and Film **Minimum Units: 3**
- DRMA 156 Acting, Writing, Directing for the Camera I **Minimum Units: 5**
- DRMA 157 Acting, Writing, Directing for the Camera 2 **Minimum Units: 5**
- DRMA 224 Theater Career Planning and Auditioning **Minimum Units: 2**
- DRMA 255 Directing **Minimum Units: 5**

1-6 credits from the following:

- DRMA 235 Experimental Theater: Student Directed **Minimum Units: 1**
- DRMA 207 Theatrical Production **Minimum Units: 1**
- DRMA 208 Theatrical Production **Minimum Units: 2**
- DRMA 209 Theatrical Production **Minimum Units: 3**

Electives (5 - 8 Credits)

Choose 5-8 credits from courses below.

- VCT 268 Editing Software Lab **Minimum Units: 3**
- DRMA 225 Improvisational Theater **Minimum Units: 2**
- MUSC 167 Voice-Dance Performance Techniques 1 **Minimum Units: 2**
- MUSC 161 Class Voice Instruction - Beginning **Minimum Units: 2**
- CMST 140 The Art of Storytelling **Minimum Units: 5**
- CMST 203 Communication for Social Change **Minimum Units: 5**

Program Advisor:

Tony Doupe 206-546-5829 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

Program Description:

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.

General Education Core Requirements - 12-15 Credits

Communication (5 Credits)

- ENGL& 101 English Composition I **Minimum 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 **Minimum Units: 5**
- DRMA& 101 Introduction to Theatre **Minimum Units: 5**

- DRMA 144 Acting 1 **Minimum Units: 5**
  or
- DRMA 145 Acting 2 **Minimum Units: 5**
  or
- DRMA 146 Acting 3 **Minimum Units: 5**

- DRMA 155 Acting for Television and Film **Minimum Units: 3**
- DRMA 156 Acting, Writing, Directing for the Camera I **Minimum Units: 5**
- DRMA 157 Acting, Writing, Directing for the Camera 2 **Minimum Units: 5**

- DRMA 235 Experimental Theater: Student Directed **Minimum Units: 1 (5)**
  and/or
  Select 1-6 Credits:
- DRMA 207 Theatrical Production **Minimum Units: 1**
- DRMA 208 Theatrical Production **Minimum Units: 2**
- DRMA 209 Theatrical Production **Minimum Units: 3**

- DRMA 224 Theater Career Planning and Auditioning **Minimum Units: 2**
- DRMA 255 Directing **Minimum Units: 5**
- DRMA 295 Special Topics in Drama **Minimum Units: 5**
- FILM 285 Screenwriting **Minimum Units: 5**

Electives

Students will choose 7-10 Credits from below.

- DRMA 144 Acting 1 **Minimum Units: 5**
  or
- DRMA 145 Acting 2 **Minimum Units: 5**

- DRMA 224 Theater Career Planning and Auditioning **Minimum Units: 2**
- DRMA 225 Improvisational Theater **Minimum Units: 2**
- ART 144 Photography 1 **Minimum Units: 5**

  Survey of Western Art: (Choose One)
- ARTH 224 Survey of Western Art: Ancient **Minimum Units: 5**
- ARTH 225 Survey of Art: Renaissance - 19th ct **Minimum Units: 5**
- ARTH 225 Survey of Art: Renaissance - 19th ct **Credits: 5**

- FILM 255 Basic Video Production **Minimum Units: 3**
- FILM 257 Video Production II **Minimum Units: 5**
- VCT 268 Editing Software Lab **Minimum Units: 3**
- ENGL& 111 Introduction to Literature **Minimum Units: 5**
- ENGL& 227 British Literature II **Minimum Units: 5**
- ENGL& 246 American Literature III **Minimum Units: 5**
- ENGL 281 Beginning Short Story Writing I **Minimum 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, AAAS Planning Guide

Program Description:

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. MATH 70 or placement into MATH 99.

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, MCS 105.

Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**

Purchasing Core Requirements - 61 Credits

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- ACCT& 202 Principles of Accounting II **Minimum Units: 5**
- ACCT& 203 Principles of Accounting III **Minimum Units: 5**
- BUS& 101 Introduction to Business **Minimum Units: 5**
- BUS 141 Purchasing & Supply Management Fundamentals **Minimum Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Minimum Units: 5**
- BUS 143 Materials Management **Minimum Units: 4**
- BUS 144 Logistics and Transportation Fundamentals **Minimum Units: 3**
- BUS& 201 Business Law **Minimum Units: 5**
- BUS 203 Contract Management **Minimum Units: 4**
- BUS 215 Introduction to International Business **Minimum Units: 5**
- BUS 245 eProcurement **Minimum Units: 5**

- ECON& 201 Micro Economics **Minimum Units: 5**
  or
- ECON 100 Survey of Economic Principles **Minimum 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

Program Description:

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 **Minimum Units: 5**
- BUS 203 Contract Management **Minimum Units: 4**
- BUS 245 eProcurement **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Matthew Versdahl, MBA 206-546-4726
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: LMMPCC01

Purchasing and Supply Chain Management Certificate of Completion Planning Guide

Program Description:

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 **Minimum Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Minimum Units: 5**
- BUS 143 Materials Management **Minimum Units: 4** *
- BUS 144 Logistics and Transportation Fundamentals **Minimum Units: 3** *
- BUS 203 Contract Management **Minimum Units: 4** *
- BUS 245 eProcurement **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Matt Versdahl, MBA 206-546-4620 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: LMMPSC20

Purchasing and Supply Chain Management Certificate of Proficiency Planning Guide

Program Description:

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.

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 **Minimum Units: 5**

Human Relations (5 Credits)

- BUS 104 Human Relations in Business **Minimum Units: 5**

Core Requirements - 31 Credits

- ACCT& 201 Principles of Accounting I **Minimum Units: 5**
- BUS 141 Purchasing & Supply Management Fundamentals **Minimum Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Minimum Units: 5**
- BUS 143 Materials Management **Minimum Units: 4**
- BUS 144 Logistics and Transportation Fundamentals **Minimum Units: 3**
- BUS 203 Contract Management **Minimum Units: 4**
- BUS 245 eProcurement **Minimum 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: LMMPSC45

Supplier Relations and Logistics Certificate of Completion Planning Guide

Program Description:

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

Core Requirements:

** Only offered once per year, during the quarter listed.*

- BUS 142 Sourcing and Supplier Relations Fundamentals **Minimum Units: 5**
- BUS 143 Materials Management **Minimum Units: 4**
- BUS 144 Logistics and Transportation Fundamentals **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Matthew Versdahl, MBA 206-546-4726
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

Sustainable Purchasing and Supply Chain Management Certificate of Completion Planning Guide

Program Description:

Shoreline Community College offers a short-term Certificate of Completion in Sustainable Purchasing and Supply Chain which defines a body-of-Knowledge needed to effectively develop supply chain strategies, programs, and activities to address industry and government's sustainable challenges. Students are encouraged to enroll in a longer course of study and to complete additional certificates or an Associate in Applied Arts and Science Degree (AAAS) in Purchasing and Supply Chain Management or Business. Students pursuing a four-year baccalaureate degree in business should follow the Associate in Business, DTA/MRP Planning Guide.

Certificate of Completion (41 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 Business course, and overall GPA of 2.0 or better required.

Program Prerequisites:

Placement into ENGL 99, EAP 99, or EAPAB 99.

Program Requirements

** Only offered once per year, during the quarter listed*

- BUS 141 Purchasing & Supply Management Fundamentals **Minimum Units: 5**
- BUS 142 Sourcing and Supplier Relations Fundamentals **Minimum Units: 5**
- BUS 143 Materials Management **Minimum Units: 4** *
- BUS 144 Logistics and Transportation Fundamentals **Minimum Units: 3** *
- BUS 203 Contract Management **Minimum Units: 4** *
- BUS 245 eProcurement **Minimum Units: 5** *
- BUS 217 Sustainability-Focused Leadership **Minimum Units: 5** *
- BUS 218 Measuring and Reporting Sustainability Progress **Minimum Units: 5** *
- BUS 219 Sustainable Marketing **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

Matthew Versdahl, MBA 206-546-4726
mversdahl@shoreline.edu

Program Information:

Length of Program: 41 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: LMMSPC20

Visual Communication Technology

Animation/Video for Multimedia, AAAS Planning Guide

Program Description:

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.

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, BUSTC 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 **Minimum Units: 5**
- ART 131 Drawing 1 **Minimum Units: 5**
- ART 144 Photography 1 **Minimum Units: 5**

Design/Production Foundations

- VCT 101 Graphic Design 1: Typography **Minimum Units: 5**
- VCT 112 Visual Communications Survey **Minimum Units: 5**
- VCT 102 Graphic Design 2: Marketing Publication Design **Minimum 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 Operations **Minimum Units: 2** *
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3** *
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Minimum Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Minimum Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Minimum Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Minimum 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 **Minimum Units: 5**
- VCT 251 Game & Interactive Design Theory and Application **Minimum Units: 5**
- VCT 252 Introduction to Game Art **Minimum Units: 5** **
- VCT 276 3D Modeling & Animation with Maya **Minimum Units: 5**

Option 2: Video

- FILM 256 Video Production I **Minimum Units: 5**
- FILM 265 Editing I **Minimum Units: 5**
- VCT 268 Editing Software Lab **Minimum Units: 3**
- FILM 285 Screenwriting **Minimum 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
Claire Fant 206-533-6763 cfant@shoreline.edu Rm 2051

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

Program Description:

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.

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, BUSTC 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 **Minimum Units: 5**
  or
- ART 110 Three-Dimensional Design **Minimum Units: 5**

- ART 131 Drawing 1 **Minimum Units: 5**
- ART 144 Photography 1 **Minimum Units: 5**

Design/Production Foundation

- VCT 101 Graphic Design 1: Typography **Minimum Units: 5**
- VCT 112 Visual Communications Survey **Minimum Units: 5**

Digital Graphics Foundation

- VCT 124 Basic Mac & PC Systems Operations **Minimum Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3**
- VCT 128 Adobe: Page layout w/InDesign **Minimum Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Minimum Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Minimum Units: 5**
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Minimum Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Minimum Units: 5**

Track Subjects

- VCT 155 Digital Production & Creative Project Management **Minimum Units: 5**
- VCT 156 Creative Project Management **Minimum Units: 5**
- BUS 270 Entrepreneurship- Starting a New Business **Minimum Units: 5**

Program Advisor:

Christine Shafner 206-546-7628 cshafner@shoreline.edu Rm 2174
Alan Yates 206-533-6771 ayates@shoreline.edu Rm 2054
Claire Fant 206-533-6763 cfant@shoreline.edu Rm 2051

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

Program Description:

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.

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, BUSTC 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 **Minimum Units: 5**
- ART 109 Two-Dimensional Design **Minimum Units: 5**
- ART 110 Three-Dimensional Design **Minimum Units: 5**

Choose one of the following:

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 **Minimum Units: 5**
- VCT 112 Visual Communications Survey **Minimum Units: 5**
- VCT 102 Graphic Design 2: Marketing Publication Design **Minimum 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 Operations **Minimum Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3**
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Minimum Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Minimum Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Minimum Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Minimum 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 Theory and Application **Minimum Units: 5**
- VCT 276 3D Modeling & Animation with Maya **Minimum Units: 5**
- VCT 252 Introduction to Game Art **Minimum Units: 5** **
- VCT 253 Introduction to Game Development **Minimum 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.

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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

Program Description:

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.

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, BUSTC 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 **Minimum Units: 5**
- ART 131 Drawing 1 **Minimum Units: 5**
- ART 144 Photography 1 **Minimum Units: 5**

Design/Production Foundations

- VCT 101 Graphic Design 1: Typography **Minimum Units: 5**
- VCT 102 Graphic Design 2: Marketing Publication Design **Minimum Units: 5**
- VCT 112 Visual Communications Survey **Minimum 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 Operations **Minimum Units: 2** *
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3** *
- VCT 128 Adobe: Page layout w/InDesign **Minimum Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Minimum Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Minimum Units: 5**
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Minimum Units: 5**
- VCT 176 Introduction to 3D Modeling and Animation **Minimum Units: 5**

Degree Concentration Requirements - 20 Credits

Media History (Choose One) (5 Credits)

- ARTH 224 Survey of Western Art: Ancient **Minimum Units: 5**
- ARTH 225 Survey of Art: Renaissance - 19th ct **Minimum Units: 5**
- ARTH 226 Survey of Western Art: Modern/Postmodern **Minimum Units: 5**
- ARTH 204 Survey of Asian Art **Minimum Units: 5**
- ARTH 210 Japanese Art History **Minimum Units: 5**
- VCT 230 History of Visual Media **Minimum Units: 5**

Track Subjects

**Includes self-paced, online technical training component

- VCT 103 Graphic Design 3: Identity & Branding **Minimum Units: 5** **
- VCT 204 Graphic Design 4: Packaging & Event Graphics **Minimum Units: 5** **

- VCT 155 Digital Production & Creative Project Management **Minimum Units: 5**
  or
- VCT 156 Creative Project Management **Minimum 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, Joomia, 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.

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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

Program Description:

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 **Minimum Units: 5**
- ART 131 Drawing 1 **Minimum Units: 5**
- VCT 101 Graphic Design 1: Typography **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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Claire Fant 206-533-6763 cfant@shoreline.edu Rm 2051

For Program Information:
Mary Bonar 206-546-4671 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

Program Description:

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, EAP 99, or EAPAB 99.

Recommended: Entry-level skills in word processing or BUSTC 105.

Program Requirements

- BUS 105 Essentials of Human Relations **Minimum Units: 2**
- BUS 120 Principles of Marketing **Minimum Units: 5**
- BTWRT 115 Business English **Minimum Units: 5**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- VCT 112 Visual Communications Survey **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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For Program Information:
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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

Program Description:

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, EAP 99, or EAPAB 99 and placement into MATH 98.

Program Requirements

- BUSTC 105 Computer Applications **Minimum Units: 5**
- VCT 124 Basic Mac & PC Systems Operations **Minimum Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3**
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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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: DVCCFC01

Computer Graphics Foundation Certificate of Completion Planning Guide

Program Description:

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 **Minimum Units: 5**
- VCT 128 Adobe: Page layout w/InDesign **Minimum Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Minimum Units: 5**
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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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

Program Description:

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 **Minimum Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Minimum Units: 4**
- VCT 252 Introduction to Game Art **Minimum Units: 5**
- VCT 276 3D Modeling & Animation with Maya **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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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

Program Description:

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 (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.

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 **Minimum Units: 5**
- VCT 155 Digital Production & Creative Project Management **Minimum Units: 5**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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Program Information:

Length of Program: 13 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

Program Description:

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 **Minimum Units: 5**
- FILM 265 Editing I **Minimum Units: 5**
- VCT 245 Specialization: Video/Visual Effects Studio 1 **Minimum Units: 4**
- VCT 268 Editing Software Lab **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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For Program Information:
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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

Program Description:

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

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 **Minimum 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 **Minimum Units: 5**
- VCT 101 Graphic Design 1: Typography **Minimum Units: 5**
- VCT 112 Visual Communications Survey **Minimum Units: 5**
- VCT 124 Basic Mac & PC Systems Operations **Minimum Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3**
- VCT 128 Adobe: Page layout w/InDesign **Minimum Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Minimum Units: 5**
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Minimum Units: 5**

- ART 144 Photography 1 **Minimum Units: 5**
  or
- ART 131 Drawing 1 **Minimum Units: 5**

Portfolio: (Choose one)

- VCT 205 Specialization: Design Studio/Portfolio 5 **Minimum Units: 4**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Minimum Units: 4**
- VCT 225 Specialization: Interactive Web/Studio 1 **Minimum Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Minimum Units: 4**
- VCT 245 Specialization: Video/Visual Effects Studio 1 **Minimum Units: 4**

Program Advisor:

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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

Program Description:

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

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 **Minimum 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 **Minimum Units: 5**
- VCT 124 Basic Mac & PC Systems Operations **Minimum Units: 2**
- VCT 125 Intro to Image Construction, Editing & Output **Minimum Units: 3**
- VCT 128 Adobe: Page layout w/InDesign **Minimum Units: 5**
- VCT 134 Adobe: Illustrator (Vector Graphics) **Minimum Units: 5**
- VCT 136 Adobe:Raster Graphics w/Photoshop **Minimum Units: 5**

Portfolio (Choose One)

- VCT 205 Specialization: Design Studio/Portfolio 5 **Minimum Units: 4**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Minimum Units: 4**
- VCT 225 Specialization: Interactive Web/Studio 1 **Minimum Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Minimum Units: 4**
- VCT 245 Specialization: Video/Visual Effects Studio 1 **Minimum 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 **Minimum Units: 5**
- VCT 102 Graphic Design 2: Marketing Publication Design **Minimum Units: 5**
- VCT 103 Graphic Design 3: Identity & Branding **Minimum Units: 5**
- VCT 112 Visual Communications Survey **Minimum Units: 5**
- VCT 128 Adobe: Page layout w/InDesign **Minimum Units: 5**

Photoshop/Photography Classes

- ART 144 Photography 1 **Minimum Units: 5**
- ART 145 Photography 2 **Minimum Units: 5**
- ART 146 Photography 3 **Minimum Units: 5**
- VCT 155 Digital Production & Creative Project Management **Minimum Units: 5**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Minimum Units: 4**

Flash/Multimedia Classes

- ART 134 Drawing for Animation **Minimum Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Minimum Units: 5**
- VCT 225 Specialization: Interactive Web/Studio 1 **Minimum Units: 4**
- VCT 226 Specialization: Interactive Web/Studio 2 **Minimum Units: 4**
- VCT 227 Specialization: Interactive Web/Studio 1 **Minimum Units: 4**

Game Art and Design Intro

- ART 234 History of Animation **Minimum Units: 5**
- VCT 251 Game & Interactive Design Theory and Application **Minimum Units: 5**
- VCT 252 Introduction to Game Art **Minimum Units: 5**
- VCT 253 Introduction to Game Development **Minimum Units: 5**

Web Classes

- VCT 135 Adobe: Animation/Interactive Media **Minimum Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Minimum Units: 5**
- VCT 225 Specialization: Interactive Web/Studio 1 **Minimum Units: 4**

Illustration Classes

- ART 131 Drawing 1 **Minimum Units: 5**
- VCT 215 Specialization: Adobe Studio/Portfolio 1 **Minimum Units: 4**
- VCT 235 Specialization: Autodesk/3D Studio/Game Design 1 **Minimum Units: 4**
- VCT 276 3D Modeling & Animation with Maya **Minimum Units: 5**

Production Classes

- VCT 112 Visual Communications Survey **Minimum Units: 5**
- VCT 155 Digital Production & Creative Project Management **Minimum Units: 5**
- VCT 156 Creative Project Management **Minimum Units: 5**

Video Classes

- CINEM 201 Introduction to Cinema History **Minimum Units: 5**
- FILM 255 Basic Video Production **Minimum Units: 3**
- FILM 256 Video Production I **Minimum Units: 5**
- FILM 265 Editing I **Minimum Units: 5**
- VCT 268 Editing Software Lab **Minimum Units: 3**

Marketing

- BUS 120 Principles of Marketing **Minimum Units: 5**
- MUSTC 102 Music Business Law **Minimum Units: 2**
- VCT 112 Visual Communications Survey **Minimum Units: 5**

Program Advisor:

Christine Shafner 206-546-7628 cshafner@shoreline.edu Rm 2174
Alan Yates 206-533-6771 ayates@shoreline.edu Rm 2054
Claire Fant 206-533-6963 cfant@shoreline.edu Rm 2024

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

Program Description:

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 **Minimum Units: 5**
- VCT 135 Adobe: Animation/Interactive Media **Minimum Units: 5**
- VCT 170 Adobe: Interactive/Web Design **Minimum Units: 5**
- VCT 225 Specialization: Interactive Web/Studio 1 **Minimum 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 Student Learning at jaydelotte@shoreline.edu or 206-546-4719.

Program Advisor:

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For Program Information:
Mary Bonar 206-546-4671 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 MATH 70 or 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 BUSTC 105, 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

Minimum Units: 1; Maximum Units: 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

Grading Basis: BEdA

Course Typically Offered: Summer, Fall, Winter, Spring

ABE 12 Reading and Writing 1

Units: 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: 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: 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: 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: 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: 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 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, also including the founding of the nation as a democratic republic. This course is intended for Adult Basic Education students.

Prerequisite Required: Completion of EAP 090 or ENGL 090 with Pass/2.0 or above, or placement into EAP 099 or ENGL 099.

Grading Basis: BEdA

Course Typically Offered: Fall, Spring

ABE 42 Reading and Writing 4

Units: 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: 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 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: 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: 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 63 ABE Math Skills for College and Career 6

Units: 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: 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 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

Minimum Units: 1; Maximum Units: 2

Classes focus on specific issues and/or topics of interest in ABE.

Grading Basis: BEdA

ABE 83 Special Topics in Adult Basic Education

Minimum Units: 1; Maximum Units: 3

Classes focus on specific issues and/or topics of interest in ABE.

Grading Basis: BEdA

ABE 84 Special Topics in Adult Basic Education

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 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: 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: 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: 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: 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: 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: 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 42 Reading and Writing 4

Units: 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: 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 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: 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: 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 63 ABE Math Skills for College and Career 6

Units: 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: 10

This coursse 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 83 Special Topics in Adult Basic Education

Minimum Units: 1; Maximum Units: 3

Classes focus on specific issues and/or topics of interest in ABE.

Grading Basis: BEdA

American Ethnic Studies

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 099 or EAP 099 or placement into ENGL& 101.

Grading Basis: Graded

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: Graded

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: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Humanities General

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: Graded

This course fulfills a distribution requirement for: Elective

AES 292 Special Topics in American Ethnic Studies
Minimum Units: 2
Maximum Units: 2
Classes focusing on specific issues and/or topics of interest in American Ethnic Studies.
Grading Basis: Graded
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: Graded
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: Graded
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: Graded
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: Graded
This course fulfills a distribution requirement for: Elective

AES 298 Individual Project in American Ethnic Studies
Minimum Units: 2
Maximum 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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded

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 Applied Social and Cultural Change

Units: 5

Examines social and cultural change historically and comparatively via anthropological lens. Moves from theory to practice, empowering students to create effective and inspiring change projects. Explores change on individual and structural levels, achieving intrapersonal and interpersonal awareness by practicing life and humanization skills.

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 295 Special Topics in Anthropology

Units: 5

Classes focusing on specific issues and/or topics of interest in Anthropology.

Grading Basis: Graded

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: Graded

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: Graded

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: Graded

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

The evolutionary biology of human beings is explored by examining the tenets of evolutionary theory, genetics, primate anatomy and behavior, the fossil record, and the range of biological diversity within and between contemporary human populations.

Grading Basis: Graded

Course Typically Offered: 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, art, food, and language.

Grading Basis: Graded

Course Typically Offered: 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

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.

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

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Winter

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.

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

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

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.

Course Typically Offered: Fall

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

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: Graded

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).

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Summer, Fall, Winter, Spring

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.

Course Typically Offered: Winter, Spring

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.

Course Typically Offered: Fall, Winter, Spring

ART 256 Fiber Art & Design

Minimum 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.

Course Typically Offered: Summer, Fall, Winter, Spring

ART 260 Intermediate Studio Projects

Units: 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.

Course Typically Offered: Fall, Winter

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.

Course Typically Offered: Fall, Winter

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.

Course Typically Offered: Winter

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.
Course Typically Offered: Fall, Winter, Spring

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.
Course Typically Offered: Fall, Winter, Spring

ART 273 Sculpture 3
Minimum 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.
Course Typically Offered: Fall, Winter, Spring

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.
Course Typically Offered: Spring

ART 291 Special Topics In Art
Units: 1
Classes focus on specific issues and/or topics of interest in Art.

ART 292 Special Topics In Art
Units: 2
Classes focus on specific issues and/or topics of interest in Art.

ART 293 Special Topics In Art
Units: 3
Classes focus on specific issues and/or topics of interest in Art.

ART 294 Special Topics In Art
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.

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
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.
Course Typically Offered: Spring

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.
Course Typically Offered: Winter

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.

Course Typically Offered: Fall

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.

Course Typically Offered: Fall, Winter

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.

Course Typically Offered: Spring

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

Units: 2

Classes focus on specific issues and/or topics of interest in Art History.

ARTH 293 Special Topics In Art History

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.

ARTH 297 Individual Project In Art History

Units: 1

Individual project in a specific area of art history.

Course Typically Offered: Fall, Spring

ARTH 298 Individual Project In Art History

Units: 2

Individual project in a specific area of art history.

Course Typically Offered: Fall, Winter, Spring

ARTH 299 Individual Project In Art History

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: Graded

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: Graded

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: Graded

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.

Course Typically Offered: Fall, Winter, Spring

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.

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.

Grading Basis: Grading

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 and off-car brake lathes to machine rotors and drums. Fundamentals of ABS (Anti-lock brake system) will be covered.

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.

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

Minimum Units: 4.5

Maximum 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.

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.

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.

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. Complete EPA 609 Certification testing.

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

Minimum Units: 17

Maximum 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

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.

Add Consent: Instructor Add Consent

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.

Add Consent: Instructor Add Consent

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.

Add Consent: Instructor Add Consent

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.

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.

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

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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 class 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 class 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

This course fulfills a distribution requirement for: Science Lab

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: Graded

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: Graded

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: Graded

Course Typically Offered: Fall

This course fulfills a distribution requirement for: Science Non-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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Summer

This course fulfills a distribution requirement for: Restricted Transfer

BIOL 290 Internship

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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 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 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.

Prerequisite Required: ENGL& 101 or BTWRT 215 and BUS 105 or BUS 104 and BUS& 101. 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 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: BUSTC 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: BUSTC 105 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: Winter

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 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: BUSTC 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, BUSTC 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 Intelligence

BUSTC 101 Beginning Keyboarding
Units: 5
Introduces the keyboard and operational parts of the personal computer. Special attention is given to correct techniques and beginning formatting of memorandums, letters, and reports.
Grading Basis: Graded
Course Typically Offered: Summer, Fall, Winter, Spring
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 102 Speed Keyboarding 1

Units: 5

Speed, accuracy, and technique drills on a personal computer. Designed for students who are keyboarding at various speeds.

Prerequisite Required: BUSTC 101 or equivalent and 20 wpm keyboarding by touch.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 105 Computer Applications

Units: 5

Introduction to computers and application software in a Windows based environment. Topics include: file management, the internet, and MS Office (Word, Excel, PowerPoint).

Prerequisite Required: ENGL 99 or EAP 99 or instructor permission.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 107 Computer 10-Key

Units: 2

Learn the touch-key method on a computer 10-key pad.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 109 CEO Keyboarding/Computer Survival

Units: 3

This course introduces computer components, operational parts of the computer, computer keyboarding by touch, 10-key pad, e-mail, Internet, file management, and business letters, reports and tables.

Prerequisite Required: For CEO students only. Requires CEO program approval.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

BUSTC 112 Filing

Units: 2

Filing is the organization and storage of business correspondence. Through a series of instruction and exercises, students apply the fundamental rules of filing.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 114 Human Relations in the Office

Units: 2

Explore human relations and communications within the office environment. Instructor's permission required.

Grading Basis: Graded

Course Typically Offered: Fall

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 120 Basic Keyboarding

Units: 2

Keyboarding skills-building. Intended for students who want to improve their keyboarding skills or who want to improve their typing speed. Topics include an introduction to the standard keyboard, touch-typing skill building, practice exercises to increase keyboard speed, and best practices for ergonomic keyboarding.

Prerequisite Required: None

Grading Basis: Graded

Course Typically Offered: Winter

BUSTC 121 Basic Excel

Units: 2

Beginner-level of basic creation, modification, and use of spreadsheets in the full-desktop installation of MS Excel 365. Students will be able to demonstrate the use of MS Excel for workbooks used in the workplace. Topics include functions, formulas, charts, updating existing data, storing information and financial tracking,

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

BUSTC 128 Word 365, Level 1

Units: 5

Introduction to Microsoft Word. Students will learn the basic features to create business documents.

Prerequisite Required: BUSTC 101 or 25 wpm keyboarding.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 129 Word 365, Level 2

Units: 5

Learn advanced features of Microsoft Word. Topics include shared documents, footnotes/endnotes, headers/footers, mail merge, sort, styles, macros, tables/indexes, and forms.

Prerequisite Required: BUSTC 128.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 135 Applied Word Processing

Units: 4

Designed for students who have learned the intermediate to advanced level features of Word. Students will apply previously learned word processing techniques in the preparation of business documents using Word. Emphasis is on accuracy and mailable copy.

Prerequisite Required: BUSTC 129.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 150 Excel 365

Units: 5

Designed for the beginning Excel user. Learn to build spreadsheets using basic and intermediate features of Microsoft Excel. File Management experience recommended.

Prerequisite Required: ENGL 99 or EAP 99 or instructor permission and MATH 98 .

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: Restricted Transfer

BUSTC 160 PowerPoint 365

Units: 4

Learn to organize information and create professional-looking graphic presentations. Learn the basic, intermediate, and advanced features of PowerPoint.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 170 Access 365

Units: 5

Designed for the beginning Access user. Introduction to basic and intermediate features of Microsoft Access. File Management experience recommended.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 180 Outlook 365

Units: 3

Use and customize Microsoft Outlook to manage email communications, contact lists, calendars, appointments, meetings, and schedules. Organize workflow with folders, tasks, notes, export options, rules, and Quick Steps.

Prerequisite Required: Successful completion of ENGL 99 or equivalent with a 2.0 or better, or instructor permission.

Grading Basis: Graded

Course Typically Offered: Fall, Spring

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 185 Publisher 365

Units: 4

Learn to design and create professional quality publications that combine text, graphics, illustrations, and photographs (desktop publishing). Recommended: BUSTC 128 or equivalent, 25 wpm keyboarding.

Grading Basis: Graded

Course Typically Offered: Summer, Fall

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 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.

Prerequisite Required: BUSTC 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

BUSTC 270 Office Procedures

Units: 5

Capstone course for BUSTC certificate/degree majors. Topics include accurate preparation of business documents, proofreading and editing, teamwork, professionalism, business ethics, travel and meeting arrangements, responsibilities of an administrative assistant, and preparation of a portfolio.

Prerequisite Required: Successful completion with a 2.0 or better of: BUSTC 102, BUSTC 135, BUSTC 150, BUSTC 160, BUSTC 170, BUSTC 180, BTWRT 215, ACCT 206, and/or instructor permission. CAPSTONE COURSE: This course should be taken in the final quarter of a student's AAAS Business Technology Degree Program along with his/her work experience project (BUSTC 299).

Grading Basis: Graded

Course Typically Offered: Spring

Meets Requirements for Communication Skills: Prof/Tech Degree, Prof/Tech Certificate

This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 291 Special Topics in Business Technology

Units: 1
Classes focusing on specific issues and/or topics of interest in Business Technology.
Grading Basis: Graded
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 292 Special Topics in Business Technology

Units: 2
Classes focusing on specific issues and/or topics of interest in Business Technology.
Grading Basis: Graded
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 293 Special Topics in Business Technology

Units: 3
Classes focusing on specific issues and/or topics of interest in Business Technology. Previously BUSTC 283.
Grading Basis: Graded
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 294 Special Topics in Business Technology

Units: 4
Classes focusing on specific issues and/or topics of interest in Business Technology. Previously BUSTC 284.
Grading Basis: Graded
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 295 Special Topics in Business Technology

Units: 5
Classes focusing on specific issues and/or topics of interest in Business Technology. Previously BUSTC 285.
Grading Basis: Graded
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 297 Individual Project in Business Technology

Units: 1
Special tutorial project.
Prerequisite Required: Instructor permission, based on evaluation of student's education and work experience.
Grading Basis: Graded
Course Typically Offered: Fall, Winter, Spring
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 298 Individual Project in Business Technology

Units: 2
Special tutorial project.
Prerequisite Required: Instructor permission, based on evaluation of student's education and work experience.
Grading Basis: Graded
This course fulfills a distribution requirement for: Restricted Transfer

BUSTC 299 Individual Project in Business Technology

Units: 3
Special tutorial project.
Prerequisite Required: Instructor permission, based on evaluation of student's education and work experience.
Grading Basis: Graded
This course fulfills a distribution requirement for: Restricted Transfer

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 EAP 99 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 or EAP 99 or BTWRT 115 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 GED Advanced-Learning Center North

Units: 10

Reading for understanding. Writing five connected paragraphs with standard conventions. Applied math to calculate discounts, interest, measurements of more complex figures. Creation and use of tables/graphs. Basic science and social studies topics/terminology. GED orientation and test taking skills. Focus: passage of GED subject tests. Previously: LCN 1

Prerequisite Required: CASAS Appraisal score of 245 or higher.

Grading Basis: BEdA

Course Typically Offered: Summer, Fall, Winter, Spring

CECO 2 GED Basic - Learning Center North

Units: 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 22 Reading and Writing for Life 2

Units: 5

Students will read with understanding by determining the reading purpose, selecting appropriate reading strategies, monitoring comprehension, analyzing information, and integrating information with prior knowledge. Students will write about family needs, job situations, or community roles. Previously: LCN 22

Grading Basis: BEdA

Course Typically Offered: 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 32 Reading and Writing for Life 3

Units: 5

Students will read with understanding by determining reading purpose, selecting appropriate reading strategies, analyzing information, and integrating information with prior knowledge. Students will write several connected paragraphs with correct mechanics, usage, and varied sentence structure. Previously: LCN 32

Grading Basis: BEdA

Course Typically Offered: 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 42 Reading and Writing for Life 4

Units: 5

Students read for understanding by determining purpose, selecting strategies, monitoring comprehension, analyzing information, and integrating it with previous knowledge in subject specific areas. Students write connected paragraphs in essay format while using academic English conventions. Previously: LCN 42

Grading Basis: BEdA

Course Typically Offered: 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

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 3

Serving a Multi-Level student skill setting ranging from high basic skills to college ready, students will be building communication engagements strategies/structures, near-mid and long-term education and employment goal setting. Student will also learn 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

In a multilevel setting, with a very individualized focus, the student works with the instructor to build vision, strengthen mindset, and develop skills to successfully persist to their educational and life 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

Introduction to college programs and services, academic success strategies and job readiness skills. Emphasis on life skills, study skills, problem-solving, goal-setting, and educational and career options. Students will learn to think critically and reflectively by looking inward to assess strengths and outward to access support. Previously: CEO 101.

Prerequisite Required: Enrollment in the Career Education Options program.

Grading Basis: Student Option

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

Chemistry

CHEM 90 Chemistry Special Lab

Minimum Units: 1; Maximum Units: 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, EAP 99, 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, EAP 99, 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)

Minimum Units: 2.5

Maximum 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: Graded

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: Graded

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: Graded

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 EAP 99 with 2.0 or better, or test placement into ENGL& 101 or instructor permission.

Grading Basis: Graded

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. 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. 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. GWS 285

Grading Basis: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Humanities General

CINEM 202 The Language of Cinema

Units: 5

Introductory course in cinema theory and analysis with a focus on the techniques and elements of cinematic language; including narrative structure, mise-en-scene, cinematography, lighting, editing, sound and production design.

Grading Basis: Graded

Course Typically Offered: 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. Student option grading.

Grading Basis: Graded

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.

Prerequisite Required: None

Grading Basis: Graded

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 MATH 70 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. After completion of the 10 hour OSHA curriculum, students will receive the OSHA Construction Industry Card. Grading: Optional Pass/NC.

Grading Basis: Graded

Course Typically Offered: Fall, Spring

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: Graded

Course Typically Offered: Fall, Spring

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: Graded

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 low-rise 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: Graded

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: Graded

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: Graded

Course Typically Offered: Winter

This course fulfills a distribution requirement for: Restricted Transfer

NRG 290 Renewable Energy/Solar Internship

Minimum Units: 1; Maximum Units: 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

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 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 such as time-management, goal-setting, and advocating for themselves which will help them in college and beyond.

Prerequisite Required: Placement into EAP 99, ENGL 99, or permission of instructor.

Grading Basis: Student Option

Course Typically Offered: Every Quarter

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: Graded

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: Successful completion of ENGL 99 required or placement into ENGL& 101.

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: Humanities General

CMST 244 News Writing

Minimum Units: 1; Maximum Units: 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: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Humanities - Performance

CMST 244W News Writing

Minimum Units: 1; Maximum Units: 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: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Humanities - Performance

CMST 245 Student Newspaper

Minimum Units: 1; Maximum Units: 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: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Humanities - Performance

CMST 245W Student Newspaper

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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: Successful completion of EAP 99, ENGL 99 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: Successful completion of EAP 99/ENGL 99 or higher.

Grading Basis: Graded

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: Graded

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: Graded

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: Successful completion of EAP 99/ENGL 99 or higher.

Grading Basis: Graded

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: Successful completion of EAP 99/ENGL 99 or higher.

Grading Basis: Student Option

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: Successful completion of EAP 99/ENGL 99 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: Successful completion of EAP 99/ENGL 99 or higher.

Grading Basis: Graded

Course Typically Offered: Fall

This course fulfills a distribution requirement for: Humanities - Performance

Computer Science

CS 90 Independent Study Computer Science

Minimum Units: 1; Maximum Units: 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, and MATH 99 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: 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: Graded

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: Graded

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: Graded

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: Restricted Transfer

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: Restricted Transfer

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 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 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 and completion of DENHY 121 with a grade of 2.0 or higher, 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 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 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 and completion of DENHY 124 with a grade of 2.5 or higher, or permission of the 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 and completion of DENHY 221 with a 2.5 grade or higher, or permission of the 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 and completion of DENHY 222 with a 2.5 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 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 and completion of DENHY 231 with a grade of 2.5 or higher or permission of the 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 and completion of DENHY 232 with a grade of 2.5 or higher, or permission of the instructor.

Grading Basis: Graded

Course Typically Offered: Spring

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: Graded

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 and completion of DENHY 171 with a grade of 2.5 or higher, or permission of the 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 and completion of DENHY 171 and DENHY 271 with a grade of 2.5 or higher for each course, or permission of the 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 and completion of DENHY 281 and DENHY 282 with a grade of 2.5 or higher for each course, or permission of the 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 and successful completion of DENHY 283 or permission of the 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

Developmental Education

DEVED 43 Basic Automotive Math Skills

Minimum Units: 1; Maximum Units: 5

This is a special math class designed to prepare students for entry into the two-year Automotive program. A wide-range of math skills are taught in an automotive context including fractions, decimals, ratios, percents, basic measurement, pre-algebra, geometry, statistics, graphs, tables and charts. Equivalent to ABE 43.

Prerequisite Required: COMPASS Pre-Algebra score of between 22 and 34 (equivalent of MATH 60).

Grading Basis: BEdA

Course Typically Offered: Fall, Winter, Spring

DEVED 80 Dev - Critical Thinking in College and Work

Units: 10

Students learn to think critically and reflectively by looking into themselves and out at their family, college, work and community. Strategies for reading, writing, problem-solving, reflection, group process, time management, goal-setting and involvement are learned in the context of their own college and life interests. Equivalent to ENGL 80.

Prerequisite Required: ASSET scores of 31 in Reading and 29 in Language Usage to take this class or COMPASS scores of 50 in Reading and 14 in Writing. Registration requires the signature of an approved advisor.

Grading Basis: BEdA

Course Typically Offered: Summer, Fall, Winter, Spring

DEVED 90 Dev - Reading/Writing for Academic Career Goals

Units: 10

Students develop abilities for successful reading, writing and learning in college transfer or prof-tech programs. They learn how knowlege and information are organized and how to improve achievement of educational goals. Students work on academic/career goals. Equivalent to ENGL 90 + STYSK 100.

Prerequisite Required: Completion of DEVED 80 or ENGL 80 with a 2.0 or better, or placement into DEVED 90, or advisor permission.

Grading Basis: BEdA

Course Typically Offered: Summer, Fall, Winter, Spring

DEVED 92 Special Topics in Developmental Education

Minimum Units: 1; Maximum Units: 2

Classes focus on specific issues and/or topics of interest in DEVED.

Grading Basis: Graded

DEVED 100 Dev - Analytical Reading and Writing

Units: 5

Students develop analytical reading, writing, and thinking skills necessary for successful college-level study. The course is sometimes taught in the context of a transfer or professional-technical program. Equivalent to ENGL 99.

Prerequisite Required: Completion of DEVED 90 or ENGL 90 with a 2.0 or better, or placement into DEVED 100, or advisor permission.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Humanities - Performance

DRMA 225 Improvisational Theater

Units: 2

An introduction to the principles of improvisational acting with a focus on listening skills, ensemble work, vocal and physical exercises, games, and live performance.

Prerequisite Required: None

Grading Basis: Graded

Course Typically Offered: 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.

Course Typically Offered: Fall, Spring

DRMA 234 Experimental Theater: Faculty Directed

Minimum Units: 1; Maximum Units: 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: Graded

Course Typically Offered: Fall

This course fulfills a distribution requirement for: Humanities - Performance

DRMA 235 Experimental Theater: Student Directed

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

Course Typically Offered: Winter

This course fulfills a distribution requirement for: Humanities - Performance

DRMA 246 Scenic Stage Design I

Minimum Units: 1; Maximum Units: 5

Practicum in the theories, techniques and practices used in scenic design and in creating stage settings.

Grading Basis: Graded

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: Graded

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: Graded

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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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 EAP 99/EAPAB 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: Graded

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

Minimum Units: 1; Maximum Units: 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 EAP 99, 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

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.

Prerequisite Required: MATH& 163 with 2.0 or better. MATH 207 strongly recommended. MATH 208 suggested. ENGR 102 or CS 121 or CS& 141 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: Graded

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: Graded

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: Graded

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 EAP 99, 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: PHYS& 221 or 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: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

ENGL 89 Learning Studio

Minimum Units: 1; Maximum Units: 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: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

ENGL 98 Writing Studio

Minimum Units: 1; Maximum Units: 3

Students work on level-appropriate writing activities for academic professional, or personal enhancement using The Writing & Learning Studio resources. Possible activities: essays, research papers, resumes, personal statements, grammar, spelling, punctuation. Useful for students in all disciplines. Each credit requires 20 hours attendance.

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: Graded

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.

Prerequisite Required: Concurrent enrollment in ENGL& 101 is required. Placement in ENGL 99, EAP 99, or ABE 52 is required.

Grading Basis: Student Option

Course Typically Offered: Fall, Winter, Spring

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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 Morrisey and Kavanagh.

Prerequisite Required: Successful completion of ENGL 99 or EAP 99 or placement into ENGL& 101.

Grading Basis: Graded

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 Morrisey and Kavanagh.

Prerequisite Required: Successful completion of ENGL 99 or EAP 99 or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Graded

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: Graded

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: Graded

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 EAP 99 or placement into ENGL& 101, or writing portfolio with instructor permission. Basic familiarity with computers, the Internet, and word-processing software.

Grading Basis: Graded

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: Graded

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: Graded

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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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 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 EAP 99, ENGL 99 or equivalent with a 2.0 or better, or placement into ENGL& 101, or instructor permission.

Grading Basis: Graded

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 EAP 99, 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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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 EAP 99 with 2.0 or higher, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99 or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99 or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99 or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99 or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Graded

Course Typically Offered: Winter

This course fulfills a distribution requirement for: Humanities - Performance

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101 .

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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: Successful completion of ENGL 99 or EAP 99, or placement into ENGL& 101.

Grading Basis: Graded

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
Minimum Units: 1; Maximum Units: 2
Classes focus on specific issues and/or topics of interest in EAP\ABE.
Grading Basis: BEdA

EAPAB 3 Special Topics in EAP\ABE
Minimum Units: 1; Maximum Units: 3
Classes focus on specific issues and/or topics of interest in EAP\ABE.
Grading Basis: BEdA

EAPAB 4 Special Topics in EAP\ABE
Minimum Units: 1; Maximum Units: 4
Classes focus on specific issues and/or topics of interest in EAP\ABE.
Grading Basis: BEdA

EAPAB 5 Special Topics in EAP\ABE
Minimum Units: 1; Maximum Units: 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 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
Minimum Units: 1; Maximum Units: 2
Classes focus on specific issues and/or topics of interest in EAP.
Grading Basis: Graded

EAP 3 Special Topics in EAP
Minimum Units: 1; Maximum Units: 3
Classes focus on specific issues and/or topics of interest in EAP.
Grading Basis: Graded

EAP 4 Special Topics in EAP
Minimum Units: 1; Maximum Units: 4
Classes focus on specific issues and/or topics of interest in EAP.
Grading Basis: Graded

EAP 5 Special Topics in EAP
Minimum Units: 1; Maximum Units: 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: Graded
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: Graded
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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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

Minimum Units: 1; Maximum Units: 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: Graded
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 for College and Career

ESLC 10 ESL for College and Career 1

Units: 10
ESLC 010 is the first of six 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 Required: Appropriate placement on the SCC ESL placement test.
Grading Basis: BEdA
Course Typically Offered: Summer, Fall, Winter, Spring

ESLC 20 ESL for College and Career 2

Units: 10
ESLC 020 is the second of six courses that prepare 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 Required: Completion of ESLC 010 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 030 is the third of six courses that prepare 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 ESLC 020 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 040 is the fourth of six courses that prepare 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 Required: Completion of ESLC 030 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 050 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 Required: Completion of ESL 040 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 060 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 Required: Completion of ESLC 050 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

Minimum Units: 1; Maximum Units: 4
Classes focus on specific issues and/or topics of interest in ESLAB.
Grading Basis: BEdA

ESLAB 5 Special Topics in ESL/ABE

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 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.
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

Minimum Units: 10; Maximum 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

Minimum Units: 10; Maximum 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

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 4

Classes focus on specific issues and/or topics of interest in ESLAF.

Grading Basis: Graded

ESLAF 5 Special Topics in ESLAF

Minimum Units: 1; Maximum Units: 5

Classes focus on specific issues and/or topics of interest in ESLAF.

Grading Basis: Graded

ESLAF 6 ESL Through Technology I-International

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 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 Required: 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 Required: Completion of ESLAF Level 1 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: 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: 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 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: Graded

Course Typically Offered: Fall, Spring

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Winter, Spring

FILM 290 Industry Experience in Film

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded
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: Graded
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: Graded
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: Graded
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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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.

Grading Basis: Graded

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 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

This course fulfills a distribution requirement for: Elective

Geography

GEOG 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. Dual listed as INTST 123.

Prerequisite Required: Placement into ENGL 99 or EAP 99 or successful completion of ENGL 90.

Grading Basis: Graded

Course Typically Offered: Fall

This course fulfills a distribution requirement for: Social Sciences

GEOG 203 Cartography and Landforms

Units: 5

An introduction to map use and landform analysis. Examines the dynamic processes behind Earth's surface features. Emphasizes the recognition of these features and their importance to humans. Topics including global, North American and local (Puget Sound) perspectives. A lab science distribution credit.

Prerequisite Required: Placement in ENGL 99 or EAP 99 or successful completion of ENGL 90 or EAP 90.

Grading Basis: Graded

Course Typically Offered: Winter

This course fulfills a distribution requirement for: Science Lab

GEOG 204 Weather/Climate and Ecosystems

Units: 5

An introduction to Earth's atmosphere and ecosystems. Focus on atmospheric and biological patterns and processes and their measurement and representation. Topics include global, North American and local (Northwest and Puget Sound) perspectives including climate change. A lab science distribution credit.

Prerequisite Required: Placement in ENGL 99 or EAP 99 or successful completion of ENGL 90 or EAP 90.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Science Lab

GEOG 204H Weather/Climate and Ecosystems HC

Units: 5

An introduction to Earth's atmosphere and ecosystems. Focus on atmospheric and biological patterns and processes and their measurement and representation. Topics include global, North American and local (Northwest and Puget Sound) perspectives including climate change. A lab science distribution credit.

Prerequisite Required: Placement in ENGL 99 or EAP 99 or successful completion of ENGL 90 or EAP 90 with a 2.0 or better.

Grading Basis: Graded

This course fulfills a distribution requirement for: Science Lab

GEOG 277 Introduction to Urban Geography

Units: 5

An introduction to the field of urban geography. Investigates the political and socio-economic forces that have shaped North American cities and the historic and contemporary income, gender and minority group issues around urban inequality.

Grading Basis: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Social Sciences

GEOG 295 Special Topics in Geography

Units: 5

Classes focusing on specific issues and/or topics of interest in Geography.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Social Sciences

GEOG 297 Individual Project in Geography

Units: 1

Individual project in a specific area of geography. 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

GEOG 298 Individual Project in Geography

Units: 2

Individual project in a specific area of geography. 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

GEOG 299 Individual Project in Geography

Units: 3

Individual project in a specific area of geography. 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

GEOG& 100 Introduction to Geography

Units: 5

An introduction to the diverse field of geography. Introduction to physical and human geography with an emphasis on the nature and complexity of the human imprint on the Earth's surface. Survey of major topical issues studied by geographers including landforms, climate, population, culture, cities and government.

Prerequisite Required: Placement in ENGL 99 or EAP 99 or successful completion of ENGL 90 or EAP 90.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Social Sciences

GEOG& 100H Introduction to Geography HC

Units: 5

An introduction to the diverse field of geography. Introduction to physical and human geography with an emphasis on the nature and complexity of the human imprint on the Earth's surface. Survey of major topical issues studied by geographers including landforms, climate, population, culture, cities and government.

Prerequisite Required: Placement in ENGL 99 or EAP 99 or successful completion of ENGL 90 or EAP 90.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Social Sciences

GEOG& 200 Introduction to Human Geography

Units: 5

An introduction of the field of human geography. Explores cultural patterns and processes and the geographic expression of society emphasizing the relationship between humans and the physical environment. Survey includes issues such as culture, language, resources and economic activity, population, cities and government.

Prerequisite Required: Placement in ENGL 99 or EAP 99 or successful completion of ENGL 90 or EAP 90.

Grading Basis: Graded

Course Typically Offered: Winter

This course fulfills a distribution requirement for: Social Sciences

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 EAP 99 or ENGL 99 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: 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 EAP 99 or ENGL 99 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: 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: Graded

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: Graded

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: Graded

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: Graded

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 EAP 99 or ENGL 99 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: 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: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Science Lab

GEOL& 208 Geology of the Pacific Northwest

Minimum Units: 6; Maximum 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: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Science Lab

Get in Gear

GIG 101 Get In Gear: English & Communication Studies

Units: 12

ENGL 099/101 and CMST 101: Discover who you are as a college student and your place in a vibrant academic community. Explore the skills and resources you need to empower yourself, and develop critical thinking and communication skills so that you can participate successfully in all your communities. Establish habits of mind to ease and enrich your college experience. Students will take English 099/101 (5 Cr), Communication Studies 101 (5 Cr), and Study Skills 099 (2Cr). Addition of MATH 007 (2 Cr) is optional but encouraged.

Course Typically Offered: Fall, Winter

GIG 102 Get In Gear: English & Psychology

Units: 12

ENGL 099/101 and PSYC& 100: Discover who you are as a college student and your place in a vibrant academic community. Explore the skills and resources you need to empower yourself, and develop critical thinking and communication skills so that you can participate successfully in all your communities. Establish habits of mind to ease and enrich your college experience. Students will take English 099/101 (5 Cr), Psychology 100 (5 Cr), and Study Skills 099 (2 Cr). Addition of MATH 007 is optional but encouraged.

Course Typically Offered: Fall, Winter

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 EAP 99 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 inpatient/outpatient health insurance plans, revenue cycle, health insurance claims, health insurance terminology, reimbursement methodologies for professional services, completion of billing forms, fraud and abuse/HIPAA issues, processing, various prospective payment systems.

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 174, and 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 ahd 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

Units: 5

Introduction to principles of general mechanisms of diseases including etiology, prognosis, signs and symptoms. 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 HIIM 125, MATH& 146, and BUSTC 150; HIIM 120 or concurrent enrollment. 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

Quality improvement in healthcare. Review of quality improvement concepts, utilization review, patient safety, and risk management principles. Credentialing processes identified. 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 regulatory, documentation, and reimbursement issues, information management, trends, and the role of the HIM professional in ambulatory care, dialysis, dental, rehabilitation, long-term care, home health, hospice, registries, behavioral health, substance abuse, and correctional facilities.

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 Medical Coding Practicum

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/support. Prerequisite: 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

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

Student teams learn basic project management skills while developing plans for a new clinic health information department. Project areas include department staffing, role-based EHR access, policies and procedures, privacy/security training, as well as new equipment and technology proposals. Prerequisite: Completion with a grade of 2.0 or higher or concurrent enrollment in all courses required in the HIT program. HIM 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 BUSTC 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. BUSTC 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 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 090 or ENGL 090 with Pass/2.0 or above, or placement into EAP 099 or ENGL 099.

Grading Basis: Student Option

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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

Minimum Units: 0

Maximum 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: Graded

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

Minimum Units: 0

Maximum 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: Graded

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.

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

This course fulfills a distribution requirement for: Elective

Human Development

HUMDV 101 College Orientation and Success

Minimum Units: 1; Maximum Units: 2

Develop skills important to success in college including goal setting, time management, stress reduction, study skills, academic and career planning.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

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 EAP 99.

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

Course Typically Offered: Summer, Fall, Winter, Spring

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 EAP 99 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

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

This course fulfills a distribution requirement for: Elective

Informatics

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: Graded

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. Dual listed as GEOG 123.

Prerequisite Required: Placement into ENGL 99 or EAP 99 or successful completion of ENGL 90.

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Humanities General

Library

LIB 150 21st Century Research

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

This course fulfills a distribution requirement for: Restricted Transfer

Manufacturing Technology

MFGT 91 Fundamental Personal Skills in MFGT-1LOT

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: Placement at ENGL 80 or EAP 90.

Grading Basis: Pass/Not Pass

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 93 Fundamental Personal Skills in MFGT-1RWM

Units: 2

This course provides fundamental skills required to function effectively in a manufacturing environment: Reading-comprehending simple manufacturing materials, Writing-writing simple manufacturing instructions, and Mathematics-performing simple operations.

Prerequisite Required: Placement at ENGL 80 or EAP 90, and placement at MATH 70.

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 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 105 + MFGT 109, or MFGT 107 + MFGT 108 + MFGT 109, each 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 113 Certificate in Basic Manufacturing

Minimum Units: 21
Maximum Units: 21
This course introduces students to concepts concerning manufacturing techniques. Topics covered include safety, print reading, and precision measurement. A capstone project incorporating manufacturing skill sets working in a modern manufacturing lab creating a final product meeting necessary quality standards.
Prerequisite Required: ENGL 80 or EAP 80, and MATH 70.
Grading Basis: Graded
Course Typically Offered: Summer, Fall, Winter, Spring
This course fulfills a distribution requirement for: Restricted Transfer

MFGT 120 Manufacturing Technology Applications

Minimum Units: 20
Maximum 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: 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, 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 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

MFGT 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 MFGT 155, MFGT 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

MFGT 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 MFGT 155, MFGT 156, MFGT 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

MFGT 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 MFGT 167, MFGT 230, MFGT 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

MFGT 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 MFGT 120, or MFGT 111 + MFGT 112, or instructor permission.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

MFGT 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.

Prerequisite Required: Completion of MFGT 120, or MFGT 111 + MFGT 112, or Instructor Permission.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Elective

MFGT 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 MFGT 120, or MFGT 111 + MFGT 112, or Instructor Permission.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

MFGT 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 MFGT 120, or MFGT 111 + MFGT 112, or Instructor Permission.

Grading Basis: Graded

Course Typically Offered: Fall, Spring

This course fulfills a distribution requirement for: Restricted Transfer

MFGT 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: MFGT 120, or MFGT 111 + MFGT 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

MFGT 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

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

On-campus, 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: Summer, 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

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 MATH 40, MATH 46, MATH 47, 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 60 Basic Math

Units: 5

Addition, subtraction, multiplication, and division of whole numbers, common fractions, and decimals. Also includes an introduction to percentages, ratio and proportion, estimation and narrative problems.

Grading Basis: Graded

Course Typically Offered: Fall

MATH 70 Introduction to Algebra

Units: 5

An introduction to fundamental algebraic skills needed for Intermediate Algebra I. Course includes a review of arithmetic and an introduction to graphing, simplifying algebraic expressions, exponents, and solving linear equations.

Prerequisite Required: MATH 60 (2.0 or better), or ABE 43 (Pass), or placement into MATH 070.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

MATH 80 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: MATH 70 (2.0 or better), or placement into MATH 80.

Grading Basis: Graded

MATH 81 Elementary Algebra, Individualized - Module 1

Units: 1

On-campus computer-based instruction. Simplifying expressions, solving linear equations in one variable, using formulas, solving applied problems. This is the 1st in a sequence of 5 self-paced courses, MATH 81-85. The 5-course sequence is equivalent to MATH 80. Students must complete the entire MATH 81-85 sequence within 1 year.

Prerequisite Required: MATH 70 (2.0 or better), or placement into MATH 80.

Grading Basis: Pass/Not Pass

MATH 82 Elementary Algebra, Individualized - Module 2

Units: 1

On-campus computer-based instruction. Graphing lines; interpreting slope; finding equations of lines; creating and solving problems with linear models. This is the 2nd in a sequence of 5 self-paced courses, MATH 81-85. The 5-course sequence is equivalent to MATH 80. Students must complete the entire MATH 81-85 sequence within 1 year.

Prerequisite Required: MATH 70 (2.0 or better), or placement into MATH 80. Previous credit for or concurrent enrollment in MATH 81 is required.

Grading Basis: Graded

MATH 83 Elementary Algebra, Individualized - Module 3

Units: 1

On-campus computer-based instruction. Linear systems in 2 variables solved by graphing, substitution, and elimination; applications. Integer exponents. This is the 3nd in a sequence of 5 self-paced courses, MATH 81-85. The 5-course sequence is equivalent to MATH 80. Students must complete the entire MATH 81-85 sequence within 1 year.

Prerequisite Required: MATH 70 (2.0 or better), placement into MATH 80. Previous credit for or concurrent enrollment in MATH 82 is required.

Grading Basis: Graded

MATH 84 Elementary Algebra, Individualized - Module 4

Units: 1

On-campus computer-based instruction. Adding, subtracting, multiplying, and factoring polynomials. This is the 4th in a sequence of 5 self-paced courses, MATH 81-85. The 5-course sequence is equivalent to MATH 80. Students must complete the entire MATH 81-85 sequence within 1 year.

Prerequisite Required: MATH 70 (2.0 or better), or placement into MATH 80. Previous credit for or concurrent enrollment in MATH 83 is required.

Grading Basis: Graded

MATH 85 Elementary Algebra, Individualized - Module 5

Units: 1

On-campus computer-based instruction. Solving quadratic and polynomial equations by factoring with applications, simplifying rational expressions. This is the 5th in a sequence of 5 self-paced courses, MATH 81-85. The 5-course sequence is equivalent to MATH 80. Students must complete the entire MATH 81-85 sequence within 1 year.

Prerequisite Required: MATH 70 (2.0 or better), or placement into MATH 80. Previous credit for or concurrent enrollment in MATH 84 is required.

Grading Basis: Graded

MATH 86 Elementary Algebra, Individualized - Modules

Minimum Units: 1; Maximum Units: 5

On-campus computer-based sequence of 1-credit self-paced modules, MATH 81-85. Linear equations in one and two variables, graphing, polynomials, factoring, solving quadratic equations, simplifying rational expressions. MATH 81-85 and MATH 91-95 together are equivalent to MATH 80 and MATH 99. Must be completed within one year.

Prerequisite Required: MATH 70 (2.0 or better), or placement into MATH 80.

Grading Basis: Graded

MATH 87 Mathematics Success Strategies

Units: 2

Students learn organizational and time management skills, skills for independent learning, problem-solving approaches, test-taking strategies, and techniques that promote confidence and success in mathematics.

Prerequisite Required: MATH 60 (2.0 or better), or placement into MATH 70. Concurrent enrollment in MATH 70, MATH 80, MATH 81, MATH 82, MATH 83, MATH 84, MATH 85, MATH 91, MATH 92, MATH 93, MATH 94, MATH 95, or MATH 99 is required.

Grading Basis: Pass/Not Pass

MATH 90 Independent Study Basic Mathematics

Minimum Units: 1; Maximum Units: 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 91 Intermediate Algebra, Individualized - Module 1

Units: 1

On-campus computer-based instruction. Simplifying and evaluating rational expressions, solving equations involving rational expressions, applications. This is the 1st in a sequence of 5 self-paced courses, MATH 91-95. The 5-course sequence is equivalent to MATH 99. Students must complete the entire MATH 91-95 sequence within 1 year.

Prerequisite Required: MATH 80 (2.0 or better), or MATH 84 and MATH 85 (2.0 or better), or placement into MATH 99.

Grading Basis: Graded

MATH 92 Intermediate Algebra, Individualized - Module 2

Units: 1

On-campus computer-based instruction. Functions, linear models and graphs, solving linear inequalities, solving absolute value equations and inequalities. The 2nd in a sequence of 5 self-paced courses, MATH 91-95. The 5-course sequence is equivalent to MATH 99. Students must complete the entire MATH 91-95 sequence within 1 year.

Prerequisite Required: MATH 80 (2.0 or better), or MATH 84 and MATH 85 (2.0 or better), or placement into MATH 99. Previous credit for or concurrent enrollment in MATH 91 is required.

Grading Basis: Graded

MATH 93 Intermediate Algebra, Individualized - Module 3

Units: 1

On-campus computer-based instruction. Using rational exponents, simplifying radical expressions, and solving radical equations. This is the 3nd in a sequence of 5 self-paced courses, MATH 91-95. The 5-course sequence is equivalent to MATH 99. Students must complete the entire MATH 91-95 sequence within 1 year.

Prerequisite Required: MATH 80 (2.0 or better), or MATH 84 and MATH 85 (2.0 or better), or placement into MATH 99. Previous credit for or concurrent enrollment in MATH 92 is required.

Grading Basis: Graded

MATH 94 Intermediate Algebra, Individualized - Module 4

Units: 1

On-campus computer-based instruction. Solving quadratic equations by completing the square & the quadratic formula, graphing quadratic functions, applications. The 4th in a sequence of 5 self-paced courses, MATH 91-95. The 5-course sequence is equivalent to MATH 99. Students must complete the entire MATH 91-95 sequence within 1 year.

Prerequisite Required: MATH 80 (2.0 or better), or MATH 84 and MATH 85 (2.0 or better), or placement into MATH 99. Previous credit for or concurrent enrollment in MATH 93 is required.

Grading Basis: Graded

MATH 95 Intermediate Algebra, Individualized - Module 5

Units: 1

On-campus computer-based instruction. Evaluating exponential and logarithmic expressions, solving these types of equations. This is the 5th in a sequence of 5 self-paced courses, MATH 91-95. The 5-course sequence is equivalent to MATH 99. Students must complete the entire MATH 91-95 sequence within 1 year.

Prerequisite Required: MATH 80 (2.0 or better), or MATH 84 and MATH 85 (2.0 or better), or placement into MATH 99. Previous credit for or concurrent enrollment in MATH 94 is required.

Grading Basis: Pass/Not Pass

MATH 96 Intermediate Algebra, Individualized - Modules

Minimum Units: 1; Maximum Units: 5

On-campus computer-based sequence of 1-credit self-paced modules. MATH 91-95. Rational, radical, and quadratic expressions and equations. Introduction to functions: linear, quadratic, exponential, and logarithmic. MATH 81-85 and MATH 91-95 together are equivalent to MATH 80 and MATH 99. Must be completed within one year.

Prerequisite Required: MATH 80 (2.0 or better), MATH 84 and MATH 85 (2.0 or better), or placement into MATH 99.

Grading Basis: Graded

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: MATH 70 (2.0 or better), or placement into MATH 98.

Grading Basis: Graded

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: Graded

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: MATH 99 (2.0 or better), or placement into MATH 111.

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: 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: Graded

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: Graded

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 EAP 99.

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

Minimum Units: 1; Maximum Units: 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

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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, MATH& 146 or MATH 99 (above the Math with Co-Requisite level). See shoreline.edu/placement for details.

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: 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: MATH 99 (2.0 or better), or placement into 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& 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: 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: 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, MATH& 107, or MATH 99 (above the Math with Co-Requisite level), AND placement into ENGL 99 or EAP 99. See shoreline.edu/placement for details.

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: 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: MATH 98 (2.0 or better), MATH 99 (2.0 or better), MATH 95 (2.0 or better), or placement into MATH& 146, AND placement into ENGL 99 or EAP 99.

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 preferred (2.0 or better) or MATH& 141 (2.0 or better), or placement into MATH& 148.

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& 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: 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: 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: 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: 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: 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: Other Science

MATH& 171 Math for Elem Ed I

Units: 5

Fundamental concepts of numbers and operations related to topics taught at the K-8 level. Topics include problem solving, algebraic thinking, numeration, and arithmetic with rational numbers. Recommended for future elementary teachers.

Prerequisite Required: MATH 98 (2.0 or better), MATH 99 (2.0 or better), or MATH 95 (2.0 or better), or placement into MATH& 171, AND placement into ENGL 99 or EAP 99.

Grading Basis: Graded

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: Graded

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 with a grade of 2.0 or higher, or equivalent, or placement into ENGL& 101. Acceptance into the Phlebotomy Program or instructor permission.

Grading Basis: Pass/Not Pass

Course Typically Offered: Fall, Spring

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: Acceptance into the Phlebotomy or MLT Program, or instructor permission. ENGL 99 or equivalent, or placement above ENGL 099.

Grading Basis: Graded

Course Typically Offered: Fall, Spring

This course fulfills a distribution requirement for: Restricted Transfer

MLT 123 AIDS & HIV Education for Health Care Workers

Units: 1

Introduction to AIDS & HIV. Topics include exposure risk, infection control measures, symptoms of illness, opportunistic infections & blood borne pathogens. HIV testing reviewed. Outside class activities assigned. Meets the Washington State requirement for HIV/AIDS education for healthcare workers.

Prerequisite Required: Successful completion of ENGL 99 or equivalent, or placement into ENGL& 101.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

MLT 132 Phlebotomy Practicum

Minimum Units: 1; Maximum Units: 6

Phlebotomy training (40-160 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. Recommended: ENGL 99 or equivalent.

Prerequisite Required: MLT 121 or MLT 200 required with grade of 2.0 or higher, and instructor permission. Admission to Phlebotomy or MLT 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 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 required.

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 into 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 223 Parasitology and Mycology Lecture

Units: 3

Basic theory and clinical procedures used to isolate and identify intestinal, blood and tissue parasites; dermatophytes, systemic and subcutaneous fungi. Instructor permission required.

Grading Basis: Graded

Course Typically Offered: Summer

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: BIOL& 260 with a grade of 2.0 or better; 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 into 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 233 Parasitology & Mycology Lab

Units: 1

Basic techniques and procedures used in parasitology and mycology laboratories. Collection, processing, direct examinations and concentration techniques. Microscopic identification of organisms, review of staining techniques, quality control, wet mounts and culture identification. Emphasis is placed on organism identification in parasitology.

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 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: BIOL& 260 with a grade of 2.0 or better and admission into 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 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 the 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

Minimum Units: 1; Maximum Units: 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 105 Introduction to Multicultural Studies

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: Successful completion of ENGL 99 or placement into ENGL& 101.

Grading Basis: Graded

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

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: ENGL 99 with a 2.0 or better or placement into ENGL& 101.

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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 EAP 99 or placement into ENGL& 101.

Grading Basis: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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.

Prerequisite Required: Intermediate reading level of piano music is recommended.

Grading Basis: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: 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: 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: Graded

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: Graded

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: Graded

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.

Prerequisite Required: VCT 124 prior or concurrently.

Grading Basis: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Fall, Winter, Spring

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: Graded

Course Typically Offered: Fall

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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

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

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

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Restricted Transfer

MUSTC 250 Class Piano for Popular and Commercial Music

Units: 2

MUSTC 250 focuses on rhythmic and melodic improvisation techniques for performers, arrangers, and composers. Students play along with pre-recorded rhythm tracks using common chord progressions. Skills in reading standard music notation are NOT essential for success in the course.

Prerequisite Required: MUSTC 151 with a grade of 2.0 or better, or instructor permission.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, 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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Restricted Transfer

MUSTC 290 Internship in Music Business

Minimum Units: 1; Maximum Units: 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: Graded

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 67 Fundamentals of Caregiving
Units: 2.5
This course meets the Washington State requirements for 'Fundamentals of Care Giving' certificate in order to be employed in community care giving settings.
Grading Basis: Pass/Not Pass

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: 1

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.

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: .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. Acceptance and enrollment in the first quarter of the Nursing Program or instructor permission is required.

Prerequisite Required: Admission to the Nursing Program. Co-requisites: NURS 121, NURS 131, NURS 141, NURS 151.

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: Completion of NURS 101, NURS 121, NURS 141, each with a Pass/2.0 or higher. Co-requisites: NURS 142, NURS 152, NURS 162, or instructor permission.

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

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. Students will participate in small group discussion, reflection, short writing assignments, and a poster presentation. Dual listed as NURSE 103.

Prerequisite Required: Completion of NURS 101 and NURS 102 with a Pass, and concurrent enrollment of third quarter of 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.

Prerequisite Required: Concurrent enrollment in NURS 152 or instructor permission.

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: NURS 142, NURS 152, and NURS 162 each with a grade of 2.0 or higher.

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: 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.

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: 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: NURS 101, NURS 102, NURS 103, NURS 104, NURS 121, NURS 141, NURS 142, NURS 143, 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: 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. We will survey common transition challenges including anticipatory anxiety, feeling overwhelmed, conflicts of work world values with nursing school ideals, and interprofessional communication. Students will explore differences in experiences, and a variety of self-care practices for support. This course discusses situations requiring flexibility including team models of care, floating, prioritizing for unit needs, time management, frustration with systems, and contingency models of care. Confidence in finding resources for information and support for yourself will increase. We will practice skills for interprofessional communication, focusing on providers and NAC's.

Prerequisite Required: NURS 101, NURS 102, NURS 103, NURS 104, NURS 105, NURS 121, NURS 141, NURS 142, NURS 143, NURS 221, NURS 222, NURS 241, NURS 242, each with a grade of Pass/2.0 or higher. Co-requisites: NURS 223, NURS 233, NURS 243, NURS 253, or instructor permission.

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: .5

This course develops the leadership skills of senior nursing students through working with first quarter students in the clinical or skills lab environment.

Prerequisite Required: Completion of NURS 205 with Pass.

Add Consent: Instructor Consent Required

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.

Prerequisite Required: Limited to students in the Nursing Program. Completion of NURS 143 with 2.0 or above. Taken concurrently with NURS 231.

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.

Prerequisite Required: Taken concurrently with NURS 232. Completion of NURS 221, NURS 231, NURS 241, and NURS 251, each with a 2.0/Pass or higher.

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.

Prerequisite Required: Completion of NURS 143 with a grade of 2.0 or higher. Taken concurrently with NURS 221.

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.

Prerequisite Required: Completion of NURS 221 and NURS 241 with 2.0 or above, and NURS 231 and NURS 251 with Pass. Taken concurrently with NURS 222.

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.

Prerequisite Required: Completion of NURS 220, NURS 221, NURS 231, and NURS 252, each with a 2.0/Pass or higher.

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.

Prerequisite Required: Completion of NURS 143 with 2.0 or better. Concurrent enrollment in NURS 241.

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 253 Managing Nursing Care Practicum

Units: 2

Apply basic leadership/management theories to leading the nursing team and managing care for a group of clients. Emphasis on regulation of nursing practice and transition to nursing practice in the RN 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 243. Limited to students accepted 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 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 97 Critical Thinking in the Nsg Process - 10 Qtr

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: Current enrollment in 10-Quarter Nursing Program. Mandatory Pass/NC grading

Grading Basis: Pass/Not Pass

Course Typically Offered: Spring

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 103 Finding Your Career-Centered Passion

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. Students will participate in small group discussion, reflection, short writing assignments, and a poster presentation. Dual listed as NURS 103.

Prerequisite Required: Completion of NURSE 101 and NURSE 102, or concurrent enrollment in the 4th quarter of the 10-quarter Nursing Program, or instructor permission.

Grading Basis: Pass/Not Pass

Course Typically Offered: Every Quarter

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 disfunction, 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: 2

First course in nursing sequence that focuses on nursing care for persons with complex health disturbances. Includes theory and nursing skills practice labs.

Prerequisite Required: NURSE 123 with a grade of Pass/2.0 or higher. Co-requisite course: NURSE 134.

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: 5.5

Clinical practicum to care for complex hospitalized individuals, primarily those individuals undergoing surgery.

Prerequisite Required: NURSE 123 with a grade of 2.0 or higher. Co-requisite: NURSE 124.

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 221 Nsg Pract & Complex Health Disturb III - 10-Qtr

Units: 2.5

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.

Prerequisite Required: NURSE 125.

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: 3

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: NURSE 225 completed with 2.0 or above and NURSE 235 with Pass. Taken concurrently with NURSE 234. Limited to students accepted 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: 4

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: NURSE 222 and NURSE 232.

Grading Basis: Graded

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

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: NURSE 242.

Grading Basis: Pass/Not Pass

Course Typically Offered: Summer

This course fulfills a distribution requirement for: Restricted Transfer

Nursing Assistant - Certified

NAC 101 Nursing Assistant (NAC) Theory and Skills Lab I

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.

Grading Basis: Pass/Not Pass

Course Typically Offered: Summer, Winter

This course fulfills a distribution requirement for: Restricted Transfer

NAC 102 Nursing Assistant (NAC) Theory and Skills Lab II

Units: 10

Further prepares students for the WA State Nursing Assistant exam for state certification. Training is provided in the supervised laboratory setting and includes: hands-on care giving, body systems, basic nutrition, and infection control where students will master skills required for state certification. Intended for ABE students.

Prerequisite Required: Successful completion of NAC 101 with a Pass; concurrent enrollment in NAC 104.

Grading Basis: Pass/Not Pass

Course Typically Offered: Fall, Spring

This course fulfills a distribution requirement for: Restricted Transfer

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 successful completion of NAC 103 or NAC 107 & 108 with a pass.

Grading Basis: Pass/Not Pass

Course Typically Offered: Fall, Spring

This course fulfills a distribution requirement for: Restricted Transfer

NAC 107 Nursing Assistant (NAC) Theory

Units: 9

This course prepares students for the WA State Nursing Assistant Certified for state certification. Students who complete the training can apply for the Nursing Assistant Registered credential to begin their careers. It includes the essentials of care giving, body systems, basic nutrition, and infection control.

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.

Grading Basis: Pass/Not Pass

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

NAC 108 Nursing Assistant (NAC) Skills

Units: 4

This course prepares students for the WA State Nursing Assistant skill 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.

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 70 and ENGL 99 or EAP 99. Dual listed as PE 188.

Grading Basis: Graded

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: Graded
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: Graded
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: Graded
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: Graded
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 70 and ENGL 99 or EAP 99.
Grading Basis: Graded
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 70 and ENGL 99 or EAP 99.
Grading Basis: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded
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: Graded

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: Graded

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: Graded

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: 0

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: Graded

Course Typically Offered: Fall

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Spring

PARED 291 Special Topics in Parent Education

Units: 1

Classes focusing on specific issues and/or topics of interest in Parent Education.

Grading Basis: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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 under pinnings 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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 Support level) or MATH 99, MATH& 107, MATH& 146 (above the Math with Support level). See http://shoreline.edu/placement for details.

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: 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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 70 and ENGL 99 or EAP 99. Dual listed as NUTR 188.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Elective

PE 200 Fitness Lab

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Elective

PE 290 Special Topics in Physical Education

Minimum Units: 0.5

Maximum Units: 0.5

Exploration of specific issues and/or topics of interest in physical education.

Grading Basis: Graded

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: Graded
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: Graded
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: Graded

PE 295 Special Topics in Physical Education
Units: 5
Classes focusing on specific issues and/or topics of interest in physical education.
Grading Basis: Graded
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: Graded
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: Graded
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: Graded
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.
Prerequisite Required: MATH 99 (2.0 or better).
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

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: Graded
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: Graded
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: Graded
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: Transfer, 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: Transfer, 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: Transfer, 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: Transfer, 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.

Prerequisite Required: PHYS& 221 and MATH& 163 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

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: Transfer, 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

This course fulfills a distribution requirement for: Social Sciences

POLS 295W Special Topics in Political Science

Classes focusing on specific issues and/or topics of interest in political science.

Units: 5

Classes focusing on specific issues and/or topics of interest in political science.

Grading Basis: Graded

This course fulfills a distribution requirement for: Social Sciences

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: Graded

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: Graded

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: Graded

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: Graded

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 American 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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 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: 1

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: Graded

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).

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: Graded

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: Graded

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: Graded

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: Graded

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 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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

Minimum Units: 1; Maximum Units: 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: Graded

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.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 102 Graphic Design 2: Marketing Publication 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: Graded

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: Graded

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: Graded

Course Typically Offered: Fall, Winter

This course fulfills a distribution requirement for: Restricted Transfer

VCT 124 Basic Mac & PC Systems Operations

Units: 2

An introductory course in the fundamental operations and uses of the Macintosh computer. Students learn how to efficiently use the current operating system as related to visual communications design and production. (Call 206.546.4671 to test out of this class.)

Grading Basis: Graded

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: VCT 124 or challenge test.

Grading Basis: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 128 Adobe: Page layout w/InDesign

Units: 5

Introduction to digital page layout design, concepts and skills with emphasis on typical industry documents. Projects include single and multiple-page and multiple-panel layouts such as letterhead and brochure design. Basic graphic design principles, software integration and preparation for output are addressed.

Prerequisite Required: VCT 124 (2.0 minimum) and VCT 125 (2.0 minimum), or instructor permission. (VCT 101 suggested.)

Grading Basis: Graded

Course Typically Offered: Fall, 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: Graded

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: Graded

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: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 155 Digital Production & Creative Project Management

Units: 5

This course explores traditional and digital printing processes and technology. It also covers the basics of creative project management. Topics include large format graphics, digital presses, color management, and numerous project management issues.

Grading Basis: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 156 Creative Project Management

Units: 5

Course focuses on the skills needed to efficiently manage all phases of creative design and production workflow, including scheduling, budgeting, pricing, client presentation, job tracking and invoicing.

Grading Basis: Graded

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: Graded

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: Graded

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.

Grading Basis: Graded

Course Typically Offered: Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 190 Internship in Visual Communications

Minimum Units: 1; Maximum Units: 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: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 199 Visual Communications Study Center

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: VCT 134 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

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: VCT 134 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

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: VCT 134 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission.

Grading Basis: Graded

Course Typically Offered: Fall, Winter, Spring

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: Graded

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: Graded

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: Graded

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.

Grading Basis: Graded

Course Typically Offered: Winter

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

Course Typically Offered: Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 251 Game & Interactive Design Theory and Application

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.

Grading Basis: Graded

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: Graded

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: VCT 251 (minimum 2.0) and VCT 252 (minimum 2.0), or instructor permission.

Grading Basis: Graded

Course Typically Offered: Spring

This course fulfills a distribution requirement for: Restricted Transfer

VCT 267 Avid Media Composer Lab

Minimum Units: 1; Maximum Units: 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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: Graded

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: VCT 134, VCT 135, VCT 136, VCT 176 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: Graded

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: Graded

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: Graded

Course Typically Offered: Summer, Fall, Winter, Spring

This course fulfills a distribution requirement for: Restricted Transfer

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