

CATALOG

2025-2026

EVERETT COMMUNITY COLLEGE

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Catalog

Academic Calendar

IMPORTANT DATES TO REMEMBER	Summer 2025	Fall 2025	Winter 2026	Spring 2026
Class Schedule Available online	05/02/2025	05/02/2025	10/17/2025	01/23/2026
Priority Financial Aid Date Priority Financial Aid Date for maximum funding and tuition hold eligibility.	04/25/2025	6/6/2025	11/07/2025	02/13/2026
Recommended: New students should apply by this date to complete new student steps.	05/20/2025	5/20/2025	6/16/2025	5/20/2025
Advising Month	05/05/2025	05/05/2025	10/27/2025	02/09/2026
Registration begins for Center for Disability approved and Veteran' Resource Center approved students.	05/15/2025	05/15/2025	10/30/2025	02/12/2026
Readmission Appeal Deadline for current and returning students that fell below the minimum academic standards.	05/16/2025	08/07/2025	11/21/2025	02/20/2026
Registration begins for currently enrolled students.	05/19/2025	05/19/2025	11/03/2025	02/17/2026
Open Enrollment begins	06/03/2025	06/03/2025	11/12/2025	02/24/2026
Deadline to pay tuition and fees	06/17/2025	9/8/2025	12/22/2025	3/23/2026
Deadline: The last day to apply for new students.	06/30/2025	09/19/2025	01/02/2026	04/03/2026
Last day to register for a wait list	06/30/2025	09/21/2025	01/04/2026	04/05/2026
First day of classes	07/01/2025	09/22/2025	01/05/2026	04/06/2026
Deadline to add a class online without instructor permission AND waitlist stops moving automatically	07/02/2025	09/23/2025	01/06/2026	04/07/2026
Deadline for 100% refund.	7/8/2025	09/28/2025	01/11/2026	04/12/2026
Deadline to add a class (with written instructor permission) (Census) (10th day) (8th day for summer)	7/15/2025	10/3/2025	1/16/2026	4/17/2026
Deadline to drop a class with 50% Refund and no record	7/15/2025	10/3/2025	1/16/2026	4/17/2026
Graduation Application Deadline	7/15/2025	10/3/2025	1/16/2026	4/17/2026

Deadline for 50% refund with W on record	07/20/2025	10/11/2025	01/24/2026	04/25/2026
Deadline to make changes to residency (30th calendar day)	07/30/2025	10/21/2025	01/24/2026	05/05/2026
Deadline to drop with a W or change to an audit	08/07/2025	11/14/2025	02/27/2026	05/29/2026
Classes end	08/21/2025	12/05/2025	03/16/2026	06/12/2026
Finals Examinations	Last day of Class	12/8 - 12/11/2025	03/17-03/20/2026	06/15-03/18/2026
Grades due	08/26/2025	12/16/2025	03/24/2026	06/23/2026
Grades Posted to Transcript	08/27/2025	12/17/2025	03/25/2026	06/24/2026
Holidays	06/19/25, 07/03/25, 09/01/25	11/11/25, 11/27/25, 11/28/25, 12/25/25	01/01/26, 01/19/26, 02/16/25	05/25/25, 06/19/26
No Day or Evening Classes		11/26/2025		

About Everett Community College

Mission and Vision Statement

Vision Statement

Everett Community College serves, educates, and builds communities, one person at a time.

Mission Statement

We educate, equip, and inspire each student to achieve personal and professional goals, contribute to our diverse communities, and thrive in a global society.

Strategic Plan

Belonging

Everett Community College creates an equitable campus culture where students, faculty, staff, and the larger community are valued, welcomed, and actively supported.

GOAL 1.1: Establish structures and practices that promote students' development of social and academic belonging.

Objectives

1.1.1: Assess and revise pathways and program maps to ensure historically underserved students' goals, values, and experiences are represented.

1.1.2: Create and sustain opportunities for Native/Indigenous; African/Black; Hispanic/Latino; Undocumented; Pacific Islander; LGBTQ+ students to form student-based organizations to support each other and to access trained mentors.

1.1.3: Expand professional development opportunities for faculty that lead to historically underserved students' participation in high impact practices regardless of a chosen program or pathway.

GOAL 1.2: Develop and nurture an inclusive and equitable campus culture.

Objectives

1.2.1: Recruit and retain faculty and staff that reflect the student population and community.

1.2.2: Design spaces and services that provide outreach and welcome historically underrepresented students, faculty, staff, and community members.

1.2.3: Develop and implement a professional development program for faculty and staff focused on diversity, equity, inclusion, and anti-racism to inform new and ongoing initiatives.

Student-Ready

Everett Community College rebuilds the current modes and systems of instruction and student services to expand equitable access and opportunities for all students, staff, and faculty to learn.

GOAL 2.1: Build an intentional and supportive environment for students that reinforces that every student is known, respected, and valued.

Objectives

2.1.1: Reexamine policies, practices, and processes to alleviate barriers to student engagement and success.

2.1.2: Scale equity-minded support services that center the experiences of students disproportionately impacted by college delivery systems.

GOAL 2.2: Establish balanced modes of delivery to meet varying and diverse student needs.

Objectives

2.2.1: Implement an advising model that leads to student access, persistence, success, completion, and successful transfer and/or placement.

2.2.2: Increase accelerated and non-traditional program offerings (e.g. distance learning, prior learning experience/assessment, I-BEST, competency based, evening and weekend programs, and bachelor of applied science.).

2.2.3: Expand and implement early intervention strategies to reduce the number of students who stop/drop out.

Sustainability

Everett Community College reimagines and reforms the institution to equitably balance cultural, human, environmental, technological, and financial resources.

GOAL 3.1: Implement a financial stewardship model that promotes transparency, accountability and strategic alignment with equity and social justice values.

Objectives

3.1.1: Align budget planning, allocation, and management with EvCC's Strategic Plan.

3.1.2: Grow foundation support for students by designing, developing, and executing comprehensive annual fundraising campaigns and by ensuring equitable transparent processes for accessing foundation resources.

3.1.3: Develop a comprehensive long-term Strategic Enrollment Management and Retention Plan founded in equitable practices, based on regular environmental scans, predictive modeling and targeted investment/program development.

GOAL 3.2: Build institutional capacity for equity and social justice through structures, systems, and processes that promote enfranchisement, inclusivity, and dialogue.

Objectives

3.2.1: Develop, retain, and promote a diverse workforce with the skills and experience to meet the needs of EvCC student communities, especially those disproportionately impacted by systemic racism.

3.2.2: Implement shared governance to promote transparency, trust and accountability in the decision-making process.

3.3.3: Cultivate expertise and leadership on equity issues across all functions of the institution including instruction, equity, student services, administration, finance, facilities, and human resources.

Career-Connected

Everett Community College develops equitable educational opportunities leading directly to the attainment of student aspirations, career mobility, strengthened partnerships, and community vitality.

GOAL 4.1: Develop curricular and co-curricular experiences that support career-connectedness.

Objectives

4.1.1: Incorporate work-based and experiential learning opportunities into every Pathway at EvCC (e.g. prior learning experience/assessment, pedagogies such as course-based undergraduate research experiences, internships, externships, clinical, practicums, capstones projects, and portfolios).

4.1.2: Improve program offerings/programs for students to ensure they are reflective of local/regional needs and emerging trends.

4.1.3: Formalize co-curricular learning process(es) and advertise process(es) for all students to know and utilize.

Core Values

Student Core Learning Outcomes for certificates and degrees

Analytical Thinking

Students will apply quantitative and/or qualitative reasoning skills to solve problems, evaluate claims and support conclusions.

Effective Communication

Students will individually and/or collaboratively communicate across multiple expressive modes, applying relevant learned knowledge and demonstrating information literacy and research skills.

Equity and Social Justice

Students will evaluate the influence of power and privilege, identify shared and unshared meaning, and/or analyze the sources of their perspectives in advancement of equity and social justice.

Educational Options

Corporate and Continuing Education Center

EvCC's Corporate & Continuing Education Center (CCEC) meets business and industry training needs by developing and delivering high-quality customized training, professional development, small business development training, technical training, and personal interest courses. Programs are offered throughout Snohomish County and the Puget Sound region.

CCEC conducts open enrollment, non-credit classes that begin every week and are offered online or during the day, evening and weekend in Snohomish County. Customized training can be delivered on-site at organizations or at any of the CCEC training locations across the region.

CCEC is headquartered at EvCC's Advanced Manufacturing Training and Education Center (AMTEC) at 909 North Broadway, Everett, WA 98201. The Everett location features training rooms, computer labs, an electronics and soldering lab and has ample parking. Visit EverettCC.edu/CCEC for a complete list of training programs and services.

Everett University Center

Students can earn a bachelor's or master's degree on Everett Community College's campus at the Everett University Center. Led by Washington State University Everett, the Everett University Center offers bachelor's and master's degree programs from four universities. Learn more about the programs offered at EverettUC.org or by calling 425-405-1600.

High School Partnerships

Everett Community College participates in a wide variety of relationships with local high schools, and offers several programs aimed at building the achievement of young students.

Enrollment in college courses is provided through dual credit programs such as Running Start, CTE Dual Credit, and College in the High School, all of which help students complete their high school graduation requirements. EverettCC.edu/DualCredit

Admission processes for these programs differ from regular college admission and are described in the Admissions section of this catalog.

International Opportunities

Japanese Cultural Resource Center

The Japanese Cultural Resource Center (JCRC) is a cultural resource center that consists of a traditional tearoom and a Japanese garden (Nishiyama Japanese Garden) as well as kitchen, classroom and meeting rooms.

JCRC provides the foundation for achieving awareness and skills in culture, history, and communication to our campus and global community. The primary mission of JCRC is to promote peace and diversity education and to bridge the cultural gap between eastern and western cultures through educational and community programs.

JCRC hosts cultural exchange programs providing Japanese students with valuable experiences in our community; and American students the resources/opportunities to study in Japan. The Nishiyama Japanese garden is open to the community. Contact the JCRC at jcrc@everettcc.edu, 425-388-9380, or go to EverettCC.edu/JCRC.

Northwest Language Center and World Languages

The Northwest Language Center (NLC) is directed by language professionals who have excelled at creating and offering a wide variety of innovative programs for world language learning, promoting intercultural effectiveness, and global understanding.

The NLC's mission is to help Western Washington communicate with the world.

The NLC offers: international study-abroad and exchange programs, customized on-site Spanish language instruction to meet the needs of local businesses, government agencies, and educational institutions, general on-campus conversational workshops in many languages, travel workshops, translation services, interpretation referral services, and educational and entertaining cultural events. Contact the NLC at 425-388-9499, or go to EverettCC.edu/NLC.

Study Abroad

Enrichment, growth, and meaningful learning can be experienced in travel and study abroad. Opportunities for study in Japan, and Ecuador are available through EvCC. Visit the study abroad webpage at EverettCC.edu/StudyAbroad for more information.

International Student Programs

Everett Community College provides full support to international students through a dedicated office with experienced staff to assist them from entry to graduation and beyond for a successful educational experience.

Any student aged 18 or older who has successfully completed a secondary school program in another country or is interested in high school completion at EvCC is encouraged to apply for admission.

EvCC offers an Academic English Language program for international students, as well as specialized immigration support services, an extensive orientation program, international student engagement, support with on-campus housing and university transfer assistance. See International Student Admission in the International Education section for more information or visit EverettCC.edu/International.

Learning Communities

Learning Communities are created through co-registration (block scheduling) that links two or more existing courses. Students take the courses together and have an opportunity for deeper understanding and integration of the subjects and materials being studied. The communities are usually structured around a theme, allowing students to think critically and to look at issues from multiple perspectives. The format provides greater interaction between students and between students and teachers, and supports students by creating social networks.

Some learning communities are organized around an academic major or program at the college, such as the Ocean Research College Academy (ORCA). Other Learning Communities are organized around a specific interest, such as nonviolence, the stress of social problems, or cultural awareness. Still other Learning Communities link a skill-focused course (e.g., English Composition) with a content-focused class (e.g., Geology).

Some advantages of taking a Learning Community are:

- Since more than one course is shared with the same classmates, the result is a friendly, supportive learning environment in which friendships are easily made.
- Learning Communities increase opportunities to learn more effectively. Assignments are coordinated between the courses, which helps students to manage their time and earn better grades.
- Instructors often focus on a central theme or question. This helps make class discussions and assignments more interesting and stimulating.
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Students learn how to build connections between ideas and disciplines. This not only supports the linked courses, but benefits future study, work, and life situations also.

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Options to learn about and gain skills for the work world are offered through the Service Learning component of some learning communities.

Learning Communities are linked classes, and students cannot drop one class without dropping both. For more information about how Learning Communities can help a student complete the degree and certificate goals, students should make an appointment with their program advisor or visit our Advising Center (EverettCC.edu/Advising)

Ocean Research Academy

The Ocean Research College Academy (ORCA) at Everett Community College is an interdisciplinary, full-time Running Start program that embeds undergraduate research in general education courses.

This cohort-based learning community blends the Associate of Arts and Sciences degree requirements with high school graduation coursework. A research laboratory and fully outfitted research vessel facilitate student-driven research in the local estuary.

Located at the Everett waterfront, ORCA students collect data on the State of Possession Sound, monitoring water quality and the abundance and distribution of marine life. The nature of science and the search for relevant evidence to support and communicate ideas is infused in all disciplines at ORCA, including English, math, history, and other subjects. For more information visit EverettCC.edu/ORCA or email orca@everettcc.edu

Professional and Technical Programs

Everett Community College offers many professional-technical programs in high-demand occupations. Short-term training, certificates and Associate in Technical Arts (ATA) degrees provide many options for students seeking to sharpen skills and enter or advance within their careers.

In order to prepare students for employment, all professional-technical areas of study provide courses with content and skills specific to that occupation. In addition, our programs provide students with technology, human relations and communication skills as they relate to the workplace.

The college relies upon advisory committees, made up of representatives from management and labor in the occupational fields associated with each degree, to help develop and maintain innovative courses by incorporating current skills standards and competencies necessary for successful employment. Liaisons with business and industry in researching employment and training needs are also provided.

Rapidly advancing technologies create the possibility that workers will retrain several times during their lifetime. The college collaborates with the Washington State Department of Social and Health Services, Washington State Employment Security Department, Division of Vocational Rehabilitation, Workforce Snohomish, and many community-based organizations in providing training, retraining, and job-skill upgrades. The college works with labor to provide several areas of specific training for apprentices.

Although the primary goal of professional-technical education is to prepare students for immediate employment, students may be able to transfer some of their professional technical course work to a university for further education toward a bachelor's degree.

Many of the professional-technical programs offered at EvCC have transfer agreements with other colleges and universities.

Several of Washington state's community and technical colleges offer a four-year program, the Baccalaureate of Applied Science (BAS). These four-year baccalaureate degrees are specifically designed to allow students to earn a bachelor's degree with a specific program of study in a professional/technical vocation.

EvCC has articulated agreements with many of the four-year universities throughout the state and colleges that offer BAS degrees. Completion of an ATA pathway of study may be matriculated to one of these institutions.

Other professional-technical programs have stackable certificates. Stacking different certificates from the same discipline, students may be able to earn a two-year degree with transferability, such as the AAS-T degree.

Additionally, many professional-technical courses are articulated with K-12 programs through the CTE Dual Credit program, formerly known as Tech Prep. Students should check with a program advisor for credit eligibility requirements.

Program checklists in all professional-technical areas
are available to assist students in planning programs. Refer to the program section of this catalog for information, call Advising Center, or view the Program checklists on the web at EverettCC.edu/CGuides.

Senior Opportunities

Everett Community College offers a variety of educational and personal enrichment opportunities for seniors age 60 and older in a selection of credit and non-credit classes.

The class schedule of Corporate & Continuing Education Center courses features a number of reasonably priced offerings in computer skills, fitness, writing, world languages, arts and crafts, dance, travel and much more. Many college credit classes are available to seniors for audit (non-credit) enrollment on a space-available basis for reduced tuition. See EverettCC.edu/SeniorCitizen for information about utilizing the Senior Citizen tuition reduction program, or contact Enrollment Services.

The Arts at EvCC

EvCC art programs are open to all students; no prior experience or portfolio review is required. EvCC offers individual coursework and full programs of study in photography, studio art (drawing, design, painting, printmaking, ceramics), graphic design and web design, theatre, and creative writing.

Students pursuing the Associate in Fine Arts degree select one area of concentration and also complete coursework in at least three related disciplines. The programs emphasize proficiency in the use of tools, techniques and processes, critical thinking, and the ability to communicate verbally and in writing. Students who earn a degree complete the program with a portfolio of work for consideration by transfer institutions, evaluation by potential employers, or for their own personal use.

For more information, visit the arts website at EverettCC.edu/Arts, call 425-388-9501, or email arts@everettcc.edu.

Transitional Studies

Everett Community College offers courses for adults who wish to improve their basic skills, upgrade job employment skills, or prepare for college-level courses. Classes are offered in the day and evening, both on- and off-campus and online. Students can take classes to finish high school, take classes to prepare to take the GED, learn to speak English, and learn basic reading, writing, and math skills. EverettCC.edu/Transitional

University Transfer Programs

Students planning to transfer to another college or university after attending Everett Community College have many options and enjoy the benefits of a long tradition of successful transfer relations between EvCC and universities in Washington state. The college participates in a wide variety of transfer agreements with most colleges and universities in Washington and several in Oregon. The following degree programs are supported by those transfer agreements:

- **The Associate of Arts and Sciences - Direct Transfer Agreement Degree (DTA)** satisfies the lower division general education requirements of most universities in Washington and several in Oregon, and students enter with junior standing. Students who identify their university major can usually complete most prerequisites or lower division requirements for that major at EvCC within the guidelines of the DTA degree. In fact, for a number of majors it is critically important to complete the lower-division preparatory requirements at EvCC.
- While the DTA degree meets the needs of many students planning to continue their studies in the Arts and Sciences at a university, the **Associate in Science** degree offers an opportunity for students in engineering, biological and physical sciences to focus on prerequisites for their major as well as some of their general education requirements. Most colleges and universities in Washington state accept the Associate in Science under a statewide transfer agreement.
- **The Associate in Business - Direct Transfer** degree provides students who intend to major in business administration or accounting a smooth transfer to several designated universities in Washington.
- **The Associate in Nursing - Direct Transfer** degree prepares students for licensure as a registered nurse, as well as for transfer to a university for entry into a Bachelor of Science in Nursing completion degree.
- **The Associate in Pre-Nursing - Direct Transfer** degree provides students who intend to enter into a basic RN bachelor's degree program a smooth transfer to several designated universities in Washington.
- Alternatively, transfer students in other selected majors may find that our Associate in Arts and Sciences - Option I, and Associate in Applied Science - Transfer offer additional options for tailoring their EvCC coursework for successful transfer.

College Related Programs

The Clipper

This student-produced, award-winning news organization publishes news about college and campus activities. Journalism students and others who are interested participate in writing, editing, and publishing the newspaper and articles online. Credit may be earned by enrolling in Journalism 170.

For further information, contact Clipper advisor Andrew Wahl at 425-388-9501. Visit the website at EverettClipper.com or email clipper@everettcc.edu.

Vibrations

Vibrations is a student-produced creative arts magazine, published annually. All students are invited to participate by submitting manuscripts, photographs, and artwork. Credit may be earned by enrolling in GRAPH 252. For more information, email vibrations@everettcc.edu.

Admission and Registration

Eligibility to Attend

To attend Everett Community College through regular admission and registration, a student must be:

1. high school graduate, have earned a GED,
2. at least 18 years of age by the first day of the intended start quarter.

Special admission requirements for students still in high school or under the age of 18 are described below.

Persons who wish to attend EvCC while still in high school may be considered for enrollment through Running Start, CTE Dual Credit, College in the High School, and Special Admission for Underage Students. See those sections on the next few pages for more information about those options. All options require some advance planning and application.

Students aged 16 and over who meet the provisions of "Title III-Adult Education Program" may enroll in certain adult basic education classes for the purposes of improving basic skills or completing their high school diploma or GED or participating in English Language Acquisition classes. Students should email transitional@everettcc.edu for admission requirements.

There are special admission requirements for international students. Please refer to International Student Admissions for more information.

Some college programs may require a high school diploma, GED, or equivalent for admission.

To gain admission and continue enrollment, a student must be competent to benefit from the curricular offerings of the college as described by the EvCC's Satisfactory Progress, Low Scholarship and Academic Probation policies, and by demonstrating conduct that is not disruptive to the learning environment but is consistent with the purpose of the institution.

Admission and Get Started Details

Getting Started at a glance

The Get Started checklist is available on EvCC's website at EverettCC.edu/GetStarted and in handout form in the Enrollment Service office (Parks Student Union, room 201) to assist students in navigating college processes. The Get Started checklist is:

1. **Explore our Educational Pathways:** Find the right one for you! EverettCC.edu/Pathways
2. **Apply Online for Admission:** Your letter of admissions will be sent to you via email. It will include your ctcLink Student ID number and next steps to complete. EverettCC.edu/Admissions
3. **Find Ways to Pay for College:** Learn about your funding options. EverettCC.edu/WaysToPay
4. **Complete Orientation:** New students can choose to complete online orientation before registering for classes. EverettCC.edu/Orientation
5. **Establish Placement for Classes:** Most students need math and English placement before registering for classes. Everettcc.edu/Placement
6. **Complete Entry Advising & Select a Pathway:** Students are required to complete entry advising before selecting first quarter classes. See hours and contact information: EverettCC.edu/Advising
7. **Register & Pay for Classes:** Register and pay in person or online through ctcLink. See payment deadlines at EverettCC.edu/Deadlines

Admission and Get Started Details

Applying for Admission

Students must submit their application to EvCC via the Online Admissions Application Portal (OAAP). Some programs may require specific admissions applications.

Once the application is processed, a letter of admissions will be sent to the email address provided in the application. The letter will include the student's ctcLink ID number and next steps, including ctcLink activation, placement, advising, and registration.

New Students

Applications for new students are accepted on an ongoing basis. However, it is recommended that students apply at least two weeks prior to open enrollment. This will ensure time to complete the "Get Started" steps and be ready to register. For more information, visit EverettCC.edu/GetStarted.

New students that have not enrolled within 4 quarters of their application term must re-apply.

Current Students

Students who maintain continuous enrollment do not need to re-apply for admission each quarter. Students are responsible to ensure their information is up to date in the student information system, ctcLink.

Students who have not attended EvCC in the last 4 quarters must reapply as a returning student.

Students Returning after an Absence

Students who have been absent more than 4 quarters and wish to return need to complete a new application and may register during Open Enrollment. Please see our Important Dates and Deadlines calendar, EverettCC.edu/Deadlines.

Returning students can find out more information online at EverettCC.edu/Returning.

Admission Procedures for Transfer Students

New transfer students should follow and complete the Get Started list at EverettCC.edu/GetStarted.

In order to transfer credits to EvCC, students are responsible for contacting other institutions they have attended and requesting their official transcripts be sent to the EvCC Enrollment Services office.

Placement

New students who wish to register for more than seven credits or who are planning to enroll in classes with math and/or English prerequisites must obtain math and/or English placement prior to registering for classes. Placement requirements assist students and advisors in selecting the right courses for student success. Please visit the placement page for additional information at Everettcc.edu/Placement.

Placement Reciprocity

At all Washington community and technical colleges, system policy states that a student who qualifies for entry into a math or English class, either through course completion or local skills assessment, will be considered to have equivalent placements in those disciplines at every community and technical college in the state even if the course titles may not be exact equivalents. Placement reciprocity is embedded in the placement process at EvCC.

Online Orientation and Advising

As part of the entry and registration process, orientation and advising are available to newly admitted students.

Orientation is optional for all new students and some students who have participated in off-campus, college-level courses while still in high school. Students may complete orientation online at their own pace. (Everettcc.edu/Orientation)

Entry Advising is mandatory for most new students. Advisors aid students in planning their class schedules, selecting a pathway, and identifying goals and success strategies. Degree-seeking students are recommended to meet with their faculty advisor. Visit EverettCC.edu/Advising for information about entry advising and for a list of majors and programs that are exempt from the entry advising requirement.

College Success Course

New degree-seeking students are required to take the college success course. Students may choose between College Success 101, Health Professions 101 or STEM 101. During entry advising, students will be advised into the appropriate course for their goals.

Admission Procedures for Selective Programs

Admission to EvCC does not guarantee admission to a particular program or course like our Nursing or Accounting BAS. Students should consult the program's website or program checklist for specific admission requirements for major fields or programs of study. Program checklists are available at EverettCC.edu/CGuides.

Dual Credit Programs and Underage Admissions

EvCC has a variety of options for students currently in high school, or in some cases no longer in high school, to participate in college courses.

Running Start

The Running Start program provides tuition-free, college-level courses (100-level or higher) for high school juniors and seniors to take at one of our EvCC campuses or online.

Credits earned through EvCC may be used to meet both high school and college requirements. While attending college classes, services and activities (except financial aid and athletics) are available.

To qualify for Running Start, a student must:

- be under 21 years of age;
- be enrolled as a junior or senior in a Washington state public high school;
- have earned less than enough credits for a high school diploma as of the beginning of the school year; and
- submit the Running Start admissions application and qualifying placement documentation.

Interested students should contact their high school counselor to discuss the Running Start program. Information is also available at EverettCC.edu/RunningStart or via email at runningstart@everettcc.edu.

College in the High School

College in the High School (CHS) is a cooperative program between local school districts and the college.

EvCC's College in the High School program is accredited by the National Alliance of Concurrent Enrollment Partnerships, nacep.org.

The CHS program allows high school students, 9th through 12th grade, the opportunity to earn EvCC college credit while

simultaneously earning their high school credit for approved advanced high school courses. The courses are taught by qualifying high school teachers who work closely with EvCC faculty mentors to ensure that the work that the students perform in the high school course is equivalent to the EvCC course.

The courses are transferable to most universities and are often related to Advanced Placement offerings in the high school. Students receive college credit and grades upon successful registration with the college. There is no cost to public high school students for College in the High School. Private high school students are charged a fee per College in the High School course. Questions about the College in the High School program may be directed to collegeinhs@everettcc.edu, or go to EverettCC.edu/CHS.

CTE Dual Credit

High school students can earn college credit forsuccessfully completing high school courses taught in their high school through EvCC's Career and Technical Education (CTE) Dual Credit program.

High school students register in select vocational and technical courses that meet performance standards and are eligible for college credit. Registration is completed through the SERS for CTE Dual Credit: ctesers.org/Account/StudentLogin. College credit can be received if students formally request to have their college class transcribed and they earn at least a C grade.

CTE Dual Credit courses prepare students for post-secondary education or a career that gives them a foundation for entering a globally diverse workforce. For more information students are encouraged to speak to their teachers or their counselor.

Students may also email cte@everettcc.edu. A full description of this program is available at EverettCC.edu/CTEDualCredit.

Special Admission for Underage Students

During fall, winter and spring quarters, students who are under the age of 18, who have not completed high school or a GED, and who are not in the Running Start program, may enroll upon approval from the High School Partnerships office for special admission. Application for special admission must be submitted at least two weeks prior to the quarter. Contact the High School Partnerships office at 425-388-9040.

SummerSmart

Summer quarter offers many opportunities for students under the age of 18 who have not yet earned their high school diploma or GED. Enrollment in classes for either personal interest or to meet high school requirements is allowed following placement. Go to EverettCC.edu/SummerSmart

International Student Admission

Everett Community College welcomes qualified international students to study for associate degrees, ESL, bridge programs (ESL and academic classes), and specialized short-term programs (gap year and exchange programs). The International Admissions Team will answer questions about the application process and provide services during enrollment. Applications are accepted for all quarters. To apply as an International Student, email the following to intadm@everettcc.edu:

1. Submit an International Student Application(available at EverettCC.edu/International). Aviation, Avionics, Cosmetology, Nursing, Bachelor's of Applied Sciences in Accounting and Welding majors have additional admission requirements.

2. Submit official transcript(s) of courses and grades from secondary school (high school) and from college or university, if attended. Students 18 years or older who have not graduated from high school will generally attend the High School Completion program.

3. Submit a current (within the last six months) financial statement certifying the ability to pay for the costs of education and accommodation in the U.S. for at least one academic year (nine months). All international students are to live on campus for their first three quarters. While students show their financial documents at the time of the application, and when they apply for

their visa, they are expected to be able to pay for their entire cost of living, tuition, fees and other related fees while studying in the U.S.

4. Submit a non-refundable application fee. Check EverettCC.edu/International for the fee amount. This may be paid via U.S. check, money order, or credit card.

5. Submit TOEFL or other English placement alternatives, if available. EvCC does not require prior placement, however, students who have taken alternative English placement tests may be able to use their scores for class placement. The complete list of placement is available online at EverettCC.edu/International.

6. Submit a copy of the student's passport photo page, as well as any other U.S. visas currently stamped in the passport.

7. If you are an international student currently attending college in the U.S., you must also submit a Transfer-in Verification Form (available at EverettCC.edu/International), a copy of the visa page of your passport, and a copy of all previously issued I-20s.

EvCC is authorized under federal law to enroll non-immigrant students in F-1 and M-1 statuses. Other non-immigrant statuses could also enroll at EvCC. Inquiries should be addressed to intadm@everettcc.edu. Our website has additional information for international students, including arrival, mandatory orientation, local information, student housing, student activities, and more. Go to EverettCC.edu/International.

Registration

A student becomes officially enrolled in a class by registering for it. The registration process includes selection of classes, submission of a completed class registration form or completion of our online registration process, and payment or billing of tuition and fees. All previous fines and debts to the college must be paid before a new registration may be accepted. Detailed registration procedures are available at EverettCC.edu/Classes.

Registration times for currently enrolled students are assigned prior to each registration period; the assigned times are based on cumulative credit hours earned at Everett Community College.

Students that have completed:

- 58+ credits will be assigned the 1st day
- 16 - 57.9 credits will be assigned the 2nd day
- 0 - 15.9 credits will be assigned the 3rd day
- Students that have only taken Transitional Studies classes will be assigned the 3rd day

Completed classes are recorded on a student’s EvCC transcript.

Students who have not attended EvCC within the past four quarters need to re-apply and can register during open enrollment, as long as there are no registration holds on their account, and they meet all class prerequisites. Some classes may require instructor permission for registering.

Starting the 3rd day of the quarter, instructor permission is required to register in classes that have already started.

Registration requests after the 10th day of the quarter must be approved by the dean of the division as well as the instructor.

For early/late start classes, students must follow the specific deadlines noted on the online class schedule.

Students receiving services through the Center for Disability Services (CDS) may be eligible for priority registration. Students must contact the Center for Disability Services at least six weeks prior to the beginning of the quarter in which enrollment is desired. Students who are unable to meet the six-week deadline may enroll in the same manner as other students; however,

necessary aids may not be available.

Students receiving services through the Veteran Resource Center (VRC) may be eligible for priority registration. Students must contact the Veteran Resource Center for eligibility determination.

Full-time Status

For financial aid recipients, veterans, insurance, and all other enrollment verification purposes, full-time status is defined as enrollment in a minimum of 12 credits in a given quarter.

Part-time status is enrollment in 11 credits or less per quarter. Half-time status is enrollment in 6 to 11 credits per quarter.

Note: For summer quarters only, the Veteran Resource Center establishes the minimum credits needed for full-time status for veterans.

Waitlists

When a class reaches its enrollment capacity, a waitlist may be established. Some classes may not have a waitlist. As space becomes available in the class, the student may be moved from the waitlist into the class and standard tuition deadlines apply if this results in an additional charge on the account. Students are not charged tuition and fees while they are on the waitlist.

Students are moved off the waitlist in the order they were placed on it and if they meet all the criteria. Students are responsible for monitoring their waitlist status through ctcLink. Students may also be moved off the waitlist into open classes of similar modalities and class times if there is enrollment demand, at the discretion of the Instruction Office.

There may be cases where enrollment from the waitlist may not be allowed:

- If the student is already enrolled in a different section of the waitlisted class.
- If the student has reached the allowable 20 credit limit per quarter.
- If the student does not meet the prerequisites.
- If the waitlisted class would create a time conflicted with another enrolled class(es).
- If the student has reached the allowable repeat limits (1 original + 2 repeats).

Waitlists move students into classes through the end of the second day of the quarter. Starting the third day of the quarter, waitlists are purged and all enrollment into classes requires instructor permission. Students can no longer join a waitlist once it is purged.

For early/late start classes, students must monitor waitlist availability on ctcLink.

Students may obtain a permission code issued by the instructor to register for the class after the second day of the quarter. Instructors set the expiration date at the moment the code is issued.

Written instructor permission may also be provided via email or a physical signature on an Add/Drop form available in the Enrollment Services Lobby. Written instructor permission is only valid for two business days once the quarter starts. Written permission may be forwarded to registration@everettcc.edu or submitted in person to Enrollment Services.

Attendance and Withdrawal Policy

During the first week of the quarter, it is important that students attend all classes for which they are registered.

For in-person classes, a student who does not attend by the beginning of the second class meeting in the quarter, and who has not made prior arrangements with the course instructor, may be dropped from the course immediately at the beginning of the

second class meeting at the discretion of the instructor.

For online classes, a student who does not log on to the class by the end of the second day of the quarter, does not complete mandatory first week assignments or has not made prior arrangements with the course instructor, may be dropped from the course at the discretion of the instructor.

For classes that meet both in-person and online or a combination of different class modalities, instructors may use a combination of in-person and online participation to determine if a student should be dropped for non-attendance.

Although it is recommended best practice to report students for non-attendance, faculty are not contractually required to take attendance. The college does not always withdraw the student for non-attendance. The deadline for an instructor to report a student for non-attendance is the 10th day of the quarter (or eighth day for summer quarter.)

A student who is not withdrawn by the college or does not officially withdraw themselves may be issued a failing grade by the course instructor, based on non-attendance.

Students withdrawn by the college during the first week under this policy will receive a refund of tuition and fees, if due. Students who are not withdrawn by the instructor, or who do not withdraw themselves, are not eligible for a refund. See the tuition and refund policy in the next section. Students are responsible for ascertaining their class registration status.

Registration Process and Deadlines

Schedule changes can be made online via ctcLink, by completing an Add/Drop form in the Enrollment Services office, or by emailing registration@everettcc.edu. Students are unable to add or drop classes over the phone or via text.

Students can add classes on a space available basis without instructor permission via ctcLink through the second day of the quarter. Starting on the third day of the quarter, students can register for class with instructor permission.

Students who wish to drop a class for a full refund and no record on their transcript must drop their class(es) before the sixth instructional day (fourth day for summer quarter). Students can drop classes online, via email or in-person with Enrollment Services through the eighth week of the quarter (sixth week of summer quarter.) Instructors do not have the capability to drop students. Students are responsible for dropping their classes online via ctcLink or in writing with Enrollment Services. Please refer to EverettCC.edu/Deadlines for all refund and registration deadlines.

When a student withdraws from a class, the date the Enrollment Services office receives the completed add/drop form or the date of the electronic transaction is the official date of the withdrawal. All transactions must be completed by the deadline. Students are advised to consult EverettCC.edu/Deadlines. Most classes fall under the regular schedule of deadlines, but some self-support classes and some classes with early/late start and end times may have different deadlines.

Simply failing to attend a class does not constitute a drop or withdrawal. Students who wish to avoid a failing grade, or who wish to qualify for a refund, must drop class(es) by the stated deadline.

The college's refund policy applies only to students who withdraw officially and drop their classes online in ctcLink or with Enrollment Services. See Tuition and Fees Refund Policy.

Students with questions about the procedure of dropping a class should contact the Enrollment Services office.

Student Records

Student Identification Numbers

Prior to November 2021, EvCC assigned a nine-digit number as the primary student identification number that was unique to EvCC. In 2022, all 34 community and technical colleges in Washington transitioned to a new student management system called ctcLink. In the new system, a student is assigned a ctcLink number at the point of admission that is utilized by all ctcLink schools. Students will need to follow each school's admission process to register for classes.

To comply with the Taxpayer Relief Act of 1997, EvCC must also obtain your correct social security number (SSN) to file returns with the Internal Revenue Service (IRS) and to furnish an annual statement to you that contains information about tuition and fees that may qualify for the Hope Scholarship or Lifetime Learning tax credit.

The Privacy Act of 1974, section 6109 of the Internal Revenue Code, requires that you give your correct SSN to agencies that must file information returns to the IRS. For more information, please refer to Internal Revenue Code Section 6050S. EvCC also uses your SSN to support verification of your enrollment, degree(s) and transcripts, administer financial aid, collect student debt, and conduct research.

When conducting studies or using agencies to support records transactions, EvCC will only use your SSN in a manner that does not permit personal identification of you by anyone other than authorized representatives.

By providing your SSN, you are consenting to the uses described above. However, you are not required to consent to the use of your SSN for research; if you choose not to do so you will not be denied access to EvCC. You may revoke your consent at any time by writing to the Enrollment Services office.

Transcripts

An official transcript is a copy of the student's academic record bearing the college seal and the signature of the registrar from Everett Community College. Upon request, a sealed copy of an official transcript may be given to the student or delivered directly to the receiving party via Parchment.

An unofficial transcript is an unsigned and unsealed copy of the student's record and is used primarily for advising purposes.

Pursuant to the Revised Code of Washington 9A.60.070, in the State of Washington, it is a felony to issue a false academic credential and a gross misdemeanor to knowingly use a false academic credential. Students that alter official transcripts may be subject to disciplinary action as directed by EvCC's student conduct code.

For information on how to purchase an official transcript or access an unofficial transcript, please visit EverettCC.edu/Transcripts. EvCC will not accept transcript requests by fax, email, or telephone.

Confidentiality of Student Records

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the college receives a request for access.

Students should submit to the Enrollment Services office written requests that identify the record(s) they wish to inspect. The college official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the college official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's text-based education records that the student believes to be

inaccurate or misleading.

Students may ask the college to amend a record that they believe is inaccurate or misleading or otherwise in violation of the student's privacy rights under FERPA. Students should write to the college official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the college decides not to amend the record as requested by the student, the college will notify the student of the decision and advise the student of their right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing. Please note: Separate policies apply for requests for a grade change.

3. The right to provide written consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception, which permits disclosure without consent, is disclosure 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 law enforcement and health staff); a person or company with whom the college has contracted (such as an attorney, auditor, collection agent, verification agency, web portal company, etc.); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing their tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

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 Hope Scholarship and Lifetime Learning tax credit programs. The college does not disclose education records to family members without student written consent.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures of this college to comply with the requirements of FERPA. Everett Community College is authorized under FERPA to release only directory information, which includes a student's:

- name,
- major field of study,
- quarters of attendance (not specific days),
- degrees and certificates earned,
- term,
- honors status, enrollment status (full time or part time), and
- participation in officially recognized sports.

This information may be released by the college at any time unless the college has received prior written notice from the student, filed in the Enrollment Services office, requesting non-release of information. All other information may be released only upon the written consent of the student unless described in section (3) above.

Emergency Messages

The college will attempt to deliver a message to a student during a class in case of a medical emergency. Given the size of the college, limited staff, and the nature of student schedules, requests for the college to deliver other messages to students cannot be accommodated.

Requests to deliver an emergency message to a student should be made to the Security Office, 425-388-9998.

Tuition and Fees

Quarterly Tuition and Fees 2025- 2026

All rates are subject to change. Current rates are posted on EvCC's website at EverettCC.edu/Tuition. Tuition and fees are paid at the time of registration or by the deadline stated for that registration period. If you are receiving financial aid from the college or have a third party paying your tuition and fees, you must contact the Cashiers Office directly to ensure the accuracy of your student account.

Students who are not eligible for resident tuition, but who are permanent residents or citizens of the U.S. living in Washington, may be eligible for the Non-Resident Tuition Reduction rate.

Tuition for enrollment in Transitional Studies and English Language Acquisition is $25 per quarter.

Undergraduate Tuition - Lower Division Courses (299 & Below)

Credits	Resident	Non-Resident/International	Non-Resident Operating Fee Waiver
1 - 10 Credits	$130.68	$338.02	$196.75
11 - 18 Credits	$64.38	$72.86	$67.26
Above 18 Credits	$118.39	$325.73	$170.23

Credits	Resident	Non-Resident/International	Non-Resident Operating Fee Waiver
1	$130.68	$338.02	$196.75
2	$261.37	$676.05	$393.50
3	$392.05	$1,014.07	$590.25
4	$522.74	$1,352.10	$787.00
5	$653.42	$1,690.12	$983.75
6	$784.11	$2,028.15	$1,180.50
7	$914.79	$2,366.17	$1,377.25
8	$1,045.47	$2,704.19	$1,574.00
9	$1,176.16	$3,042.22	$1,770.75
10	$1,306.84	$3,380.24	$1,967.50
11	$1,371.23	$3,453.11	$2,034.76
12	$1,435.61	$3,598.84	$2,102.02
13	$1,500.00	$3,598.84	$2,169.28
14	$1,564.38	$3,671.70	$2,236.54
15	$1,628.77	$3,744.57	$2,303.80
16	$1,693.15	$3,817.43	$2,371.06
17	$1,757.54	$3,890.30	$2,438.32
18	$1,821.92	$3,963.16	$2,505.58
19	$1,940.31	$4,288.89	$2,675.81
20	$2,058.70	$4,614.62	$2,846.04
21	$2,177.09	$4,940.35	$3,016.27
22	$2,295.48	$5,266.08	$3,186.50
23	$2,413.87	$5,591.81	$3,356.73
24	$2,532.26	$5,917.54	$3,526.73
25	$2,650.65	$6,243.27	$3,697.19

Baccalaureate Tuition

Credits	Resident	Non-Resident/International	Non-Resident Operating Fee Waiver
1 - 10 Credits	$254.66	$717.60	$384.63
11 - 18 Credits	$12.58	$13.59	$13.59
Above 18 Credits	$242.37	$705.31	$358.11

Credits	Resident	Non-Resident/International	Non-Resident Operating Fee Waiver
1	$254.66	$717.60	$384.63
2	$509.33	$1,435.21	$769.26
3	$763.99	$2,152.81	$1,153.89
4	$1,018.66	$2,870.42	$1,538.52
5	$1,273.32	$3,588.02	$1,923.15
6	$1,527.99	$4,305.63	$2,307.78
7	$1,782.65	$5,023.23	$2,692.41
8	$2,037.31	$5,740.83	$3,077.04
9	$2,291.98	$6,458.44	$3,461.67
10	$2,546.64	$7,176.04	$3,846.30
11	$2,559.23	$7,189.64	$3,859.89
12	$2,571.81	$7,203.23	$3,873.48
13	$2,584.40	$7,216.83	$3,887.07
14	$2,596.98	$7,230.42	$3,900.66
15	$2,609.57	$7,244.02	$3,914.25
16	$2,622.15	$7,257.61	$3,927.84
17	$2,634.74	$7,271.21	$3,941.43
18	$2,647.32	$7,284.80	$3,955.02
19	$2,889.69	$7,990.11	$4,313.13
20	$3,132.06	$8,695.42	$4,671.27
21	$3,374.43	$9,400.73	$5,029.35
22	$3,616.80	$10,106.04	$5,387.46
23	$3,859.17	$10,811.35	$5,745.57
24	$4,101.54	$11,516.66	$6,103.68
25	$4,343.91	$12,221.97	$6,461.79

Mandatory Student Fees

Most students in college-credit courses will be charged:

1. A technology fee of $4.50 per credit, up to a maximum of $45 per quarter,
2. A campus enhancement fee of $5 per credit, up to a maximum of $50 per quarter, and
3. A green fee of $.50 per credit, up to a maximum of $7.50 per quarter.

Some courses may have special fees for equipment, lab, services, etc.

The college may charge fees for services such as parking and insurance. Some courses for which the college does not receive state financial support charge a class fee, which is added to the total amount of tuition and fees due regardless of the tuition charged for other courses.

Tuition Reduction Programs

State employees and designated educators in the K-12 system may register on a reduced tuition basis beginning the first day of the quarter. EvCC also offers reduced tuition for seniors (age 60+) who wish to audit classes (for no credit). Registration prior to the first day of the quarter disqualifies a person from these special tuition reductions. Payment is required for reduced tuition, all fees, books and other supplies. Tuition reduction is not allowed for Writing Lab, Community Service, Corporate & Continuing Education, self-support classes, special projects, and other courses for which the college has special expenses.

EvCC also offers tuition reduction for other persons in special categories such as children of deceased or disabled law enforcement officers or firefighters, refugees, and students in EvCC's High School Completion program.

Tuition reduction is also available for eligible veterans and for the spouses and children of disabled and deceased veterans. Eligibility is determined through the EvCC Veteran Resource Center.

Information about tuition reduction programs is available through the Enrollment Services office.

Residency

The college determines applicants' residency for tuition purposes based on answers provided by the student on their application. Non-resident students pay a higher tuition rate than resident students do. Some visa and immigration statuses are eligible for resident tuition rates with requested support documentation. Qualifying non-resident students may apply for resident tuition once they make Washington their permanent residence for at least 12 months. Please contact the residency coordinator in Enrollment Services for additional information or visit our website at EverettCC.edu/Residency.

U.S. citizens and permanent residents living in Washington who are not yet eligible for residency in Washington state may be eligible for a partial tuition reduction. Contact Enrollment Services for more information.

Any current non-resident student who wishes to be reclassified as a resident student must complete a residency questionnaire and submit supporting documentation for determination of eligibility. Applications for reclassification in the current quarter must be submitted to the Enrollment Services office before the 30th calendar day of the quarter.

If the college discovers an error in the student's residency status during the quarter, the registrar will determine whether additional tuition and fees are due.

The college may change residency tuition rates to non-resident rates for future quarters if evidence shows the student no longer qualifies for in-state tuition. Students will be given an opportunity to provide supporting documentation to maintain resident tuition rates.

Tuition Payment

By registering, students assume responsibility for payment.

Non-attendance does not constitute a reason to avoid payment. Students must pay their tuition and fees by the deadlines listed on EvCC's Important Dates and Deadlines webpage, EverettCC.edu/Deadlines.

Registration and refund deadlines may differ for classes that don't adhere to standard start and end dates; this is also true for self-support classes which have a separate fee structure. The college reserves the right to bill the student for unpaid tuition and fees incurred by registration and/or to cancel registration of unpaid students.

Returned checks, canceled credit cards, employer refusal to pay, ineligibility for financial aid and other reasons for non-payment may result in disenrollment, a direct bill to the student, and/or referral to a collection agency.

Registration in Corporate & Continuing Education and other self-support programs requires immediate payment.

Students who intend to have their tuition paid through financial aid or other third party, such as an employer, must arrange for the timely completion of those processes to meet the payment deadline.

When in doubt about payment status, contact the Cashiers Office at 425-388-9225.

Tuition may be paid via the EvCC's Cashiers Office. Credit card payment can also be made online via ctcLink. Visit EverettCC.edu/Cashiers for payment details.

EvCC offers a tuition payment plan that provides students time and flexibility to pay their tuition and fees to EvCC by splitting the amount owed into three payments, plus a one-time, non-refundable $10 processing fee. Contact the Cashiers Office or visit EverettCC.edu/Cashiers for more information and eligibility requirements.

Tuition and Fees Refund Policy

Tuition and fees refer to full general tuition, operating fees, service and activities fees, technology fees, class fees and lab fees. Some fees are not refundable.

A refund of tuition and fees is made only when a student officially withdraws from a class or from the college and is based upon the refund deadlines. Date and time of receipt of the add/drop form in the Enrollment Services office or of an electronic transaction using our online registration system establishes the rate at which refunds will be made.

The refund schedule varies depending on the type of class. Refund dates are listed at EverettCC.edu/Deadlines. Refunds can take up to five weeks to process.

If tuition and fees have been paid by the student's state or federal financial aid, cash, credit or debit card, or other payment methods (ie, scholarships, agency funding, etc.), it is the student's responsibility to officially withdraw from college whether they attended class or not by the quarterly class schedule deadlines. Students who find it necessary to totally withdraw from college should first consult with a faculty adviser or counselor. Failure to follow the required procedures for withdrawal may result in failing grades being submitted, possible repayment of veteran benefits, possible repayment of financial aid, etc., and forfeiture of all claims for refund for tuition and fees.

State-supported classes that begin during the first week of the term

EvCC has established refund deadlines based on the Revised Code of Washington 28B.15.605. If a student withdraws from a college course or program before the sixth day of the regular quarter (fall, winter and spring quarters), they will receive a 100% refund. For example, if fall quarter begins on Monday, then the deadline for 100% refund is the prior Sunday. During summer quarter, the 100% refund deadline is at the end of the fourth business day of the term.

The 50% refund deadline is at the end of the day on the 20th calendar day of the term. Calendar days are defined as weekdays, weekends and holidays.

To receive a full or partial refund after paying, or to avoid being billed for the full or partial amount of tuition, you must submit an official withdrawal by these dates.

State-supported classes that begin before or after the first week of the term

Deadlines are prorated, depending on the length of the course. Students can find deadlines for early or late start classes in the online class schedule. Please call 425-388-9076 to determine the prorated deadline. In general, it is wise to withdraw before the first day if your plans have changed.

Self-support classes

Self-support classes are usually distinguished by a comprehensive class fee that is different from state regulated tuition. For some self-support classes, cancellations need to be made at least four working days prior to the first class in order to receive a refund. For some classes, the specific refund deadline is listed in the online class schedule.

Refund Process

Students should allow 30 days for a refund to be processed. For students receiving federal financial aid, the tuition refund will be calculated in accordance with state and/or federal law. These formulas are published in the Financial Aid office's policies/procedures manual. Affected students will be notified of the calculation used at the time a tuition refund is applied to their accounts.

Petitions for exceptions to the refund policy must be submitted to the Enrollment Services office prior to the end of the following quarter in which tuition and fees were paid. Petitions received for prior quarters will not be considered.

Students who wish to be considered for a refund beyond regular deadlines must withdraw from the courses, and submit this petition with supporting documentation.

The following circumstances are given the strongest consideration: a call to active military duty, a severe and unexpected illness which began during the term and precludes any and all activity.

Drops for Nonpayment

Students may be dropped from classes due to missing the payment deadline, according to Everett Community College's drop for non-payment procedure. The drop for non-payment occurs when enrolled students do not pay their EvCC account balance for an academic quarter. Students are dropped for non-payment beginning the day after the tuition deadline and continuing weekly through the 10th day of the quarter, which is called the census date.

Students who do not pay tuition and fees may be dropped from their registered and waitlisted classes unless:

- The outstanding balance is $100 or less
- The student is enrolled in a payment plan and payments are up-to-date for the current term.
- The student has a tuition hold placed by an EvCC department for the specific quarter that will prevent them from getting dropped.

Students must not assume they will be dropped from a class if they fail to pay tuition. Students are responsible for dropping their class(es) by the set deadlines to avoid receiving a failing grade or incurring debt.

EvCC does not drop students for non-payment past census. Students that enroll in classes after the census will not be dropped for non-payment.

Fines and Debts

The college may block registration and/or withhold other services until all outstanding fines and debts to the college are resolved.

Outstanding debts are eventually referred to a collections agency; students will be responsible for collection fees, court fees, and attorney fees.

Student Financial Services

Student Financial Services is committed to providing quality services to meet the needs of a diverse student population by offering financial resources and services to promote access to education and enhance student success.

Financial Aid

The Financial Aid and Scholarships Office helps eligible degree- and certificate-seeking students obtain funding to meet their educational expenses at Everett Community College. We want you to succeed.

Application Process

The Financial Aid Office provides financial assistance to individuals who have completed the financial aid process and are eligible for aid as determined by the Free Application for Federal Student Aid (FAFSA) or Washington Application for State Financial Aid (WASFA). For more information regarding eligibility requirements visit EverettCC.edu/FA.

It is important to apply for financial aid well in advance of the anticipated start date.

To be considered for maximum funding, and to qualify for a tuition hold, students need to submit their FAFSA or WASFA and complete required EvCC paperwork by the priority processing dates at EverettCC.edu/FA. Applications are reviewed continuously and are awarded on a funds-available basis.

Assistance in completing the process is available in the Financial Aid Office.

Types of Financial Aid Available

EvCC participates in the following federal and state financial aid programs: Federal Pell Grant, Federal Supplemental Education Opportunity Grant, Federal Work Study, Federal Direct Loans, Washington College Grant, College Bound, Passport to College Scholarship, Washington State Work Study, EvCC Grant, and Tuition Waiver.

Note: Tuition waivers do not pay for lab fees, technology fees, parking fees, or class fees charged for self-support classes.

Financial aid programs can be divided into three broad categories: grants, work study, and loans.

Grants require no repayment.

Work study is part-time employment on/off campus with an hourly pay rate.

Loans are borrowed money and must be paid back with interest. It is important for students to understand their repayment options so they can successfully repay their loans.

Financial aid recipients usually receive a combination of financial aid programs. Financial aid focuses on direct educational expenses: tuition and fees. For students enrolled at least half-time, indirect costs such as living expenses and childcare are also considered.

Tuition Hold Process

Students who are dependent on financial aid to pay for their tuition may be placed on a tuition hold from the Financial Aid Office prior to the tuition payment deadline each quarter. Holds are typically not given if a student does not meet the priority filing deadline for each quarter and other eligibility requirements. For more details, please contact the Financial Aid office.

Academic Progress

Financial aid recipients are expected to maintain satisfactory academic progress.

Grades are monitored on a quarterly and annual basis, and the student must complete all of their classes with a minimum number of credits with a 2.0 cumulative grade point average,and maintain a minimum 67% cumulative completion rate to be in good standing. All previously attempted college credits are also evaluated, regardless of whether the student received financial aid.

Students may be allowed to attempt 150 percent of college level credits that are required for their degree. A maximum of 45 credits will be allowed for required preparatory coursework.

Please refer to the Satisfactory Academic Progress Policy located under the Policies and Notices section on EverettCC.edu/FA for complete details.

Return of Title IV Funds

Financial aid recipients who withdraw, either officially or unofficially, may be required to return some or all federal financial aid received.

For specific questions about this federal requirement, contact the Financial Aid Office and review the policy at EverettCC.edu/R2T4.

Future financial aid will be suspended and students must appeal for reinstatement.

Financial Aid Census Date and Repayment Policy

The complete Financial Aid Census Date and Repayment Policy is available online at EverettCC.edu/Census.

Students are encouraged to visit the Financial Aid Office to ask about the impact of dropping classes before making changes to their schedule.

The Financial Aid Office uses an “enrollment lock” date for Federal Pell Grant, Washington College Grant, College Bound, and Passport to College funds. The “lock” date is also known as the “census date.”

The census date is the 10th business day of the quarter, except for Summer which has a census date of the eighth business day. College policy allows students to drop classes without a grade of “W” through the census date. Tuition refunds may also be issued for courses dropped following the Everett Community College Refund Policy.

Schedule changes made through the census date may have different impacts. Factors to consider include whether aid from the grant programs locked at census have already been disbursed and whether classes were added or dropped.

Adding Classes and Census

If a student adds any eligible courses by the census day, financial aid funds will be increased. Additional funds will be applied toward payment of charges for the added classes, and any remaining balance will be refunded through BankMobile Disbursements, a technology solution, powered by BMTX, Inc.

Dropping Classes and Census

If a student drops any eligible courses by the census day, financial aid funds will be reduced. This will result in the student owing repayment to Everett Community College and/or the state aid program(s), depending on the funding type.

Scholarships

A variety of scholarships are made possible by the college, through community organizations, and by donations from individuals.

Eligibility requirements vary. Some are based on financial need, some on academic merit, and others on program of study.

EvCC Foundation scholarship applications are available every February for the following academic year. Information about regional and national scholarships is posted on the financial aid website under the Scholarships section as it becomes available at EverettCC.edu/FA.

In-person financial aid assistance is available in the Financial Aid Office, located on the top floor of the Parks Student Union, Room 307. Phone assistance is available by calling 425-388-9280.

Veteran Resource Center

The Veteran Resource Center serves as a liaison between EvCC and the U.S. Department of Veterans Affairs (VA).

Everett Community College has been approved by the VA as meeting the Principles of Excellence. A representative is available to assist veterans and activate all veterans' educational benefits.

A determination of eligibility by the VA and receipt of first month's benefits can take four to six weeks, so students should apply well in advance of their anticipated start date if they are planning to use their benefits to pay for initial costs (e.g. tuition and books).

In order to maintain benefits, veteran students must keep staff apprised of enrollment plans each quarter and are required to follow VA regulations pertaining to standards of conduct and academic progress.

The Veteran Resource Center (VRC) also provides additional support services for student veterans, including access to the Veterans Club, VA Work-Study Program, lounge space, computers, and printing services. The VRC is located in Rainier Hall, Room 119, and serves as a dedicated space for veterans to connect, study, and receive assistance. More information about available resources can be found online at EverettCC.edu/Veterans. For questions or assistance, veterans can contact the VRC at 425-388-9277 or via email at veterans@everettcc.edu. Applications for VA benefits must be submitted through the VA website at VA.gov.

Many of EvCC's programs of study are jointly approved by the Washington State Achievement Council (WSAC) and the Workforce Training Coordinating Board for enrollment of persons eligible to receive educational benefits under Title 38 and Title 10 USC.

Veteran tuition waivers are available to those who qualify, ranging from 25 to 100%. A 25% tuition discount per term is available for active duty service members and veterans who are not using VA education benefits. Dependents and spouses of active duty service members may qualify for in-state tuition with proof of their sponsor's active duty military orders. Additionally, the State Tuition Waiver covers 100% of tuition and fees for dependents and spouses if the sponsor is rated 100% disabled with multiple service-connected disabilities and is a Washington domiciliary IAW RCW 28B.15.621. For more information, contact the Veteran Resource Center at 425-388-9277 or visit the office during regular business hours.

Everett Community College complies with the Veterans Benefits and Transition Act, section PL 115-407:

1. 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 Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the student(s) enrollment;
- Assess a late penalty fee;

- 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.

Workforce Funding

The Workforce Funding department's mission is to increase opportunities for adult learners by providing access to financial resources through grant programs. We contribute to the college's retention efforts by providing wrap-around support services to our students to foster educational excellence. EverettCC.edu/Workforce

Opportunity Grant Program

The Opportunity Grant program provides educational training for low-income students pursuing careers in high-wage and high demand occupations. The program offers funding for up to 45 credits for any of the approved programs. Washington College Grant recipients may be eligible to have their grant increased for an increase in credit load after the census date. They are encouraged to contact the financial aid office for additional information.

In addition to tuition and mandatory fees, the program also assists students with up to $1,000 for books, supplies, and/or tools per year.

The Opportunity Grant program provides individual assistance, career exploration, and guidance to students to explore other resources throughout the college.

For more information, contact Opportunity Grant at 425-259-8925 or by email at opportunitygrant@everettcc.edu.

WorkFirst

WorkFirst is a program that supports low-income students in building their self-efficacy through ongoing case management and an interactive life transition program that emphasizes their skills. WorkFirst also provides assistance with tuition and books for students ineligible for federal financial aid or whose financial aid is pending. WorkFirst also has support funds available to help with other school-related expenses such as school supplies, transportation costs, and emergency expenses.

To qualify for WorkFirst, students must be receiving Temporary Assistance to Needy Families (TANF). Students must be in an approved program of study, which includes GED, High School Completion, ELA/ESL, vocational certificate programs, Associate in Technical Arts degrees, and most transfer degrees. Students should start the process by talking to their Department of Social and Health Services (DSHS) case manager, who will then refer the student to the EvCC WorkFirst staff.

Basic Food Employment and Training Program

The Basic Food Employment & Training (BFET) program is a partnership between Everett Community College and DSHS, which offers education and work training opportunities to students receiving federal basic food assistance (SNAP) through DSHS.

On a funds available basis, the BFET program assists participants with tuition, books, and emergency support for students ineligible for financial aid or whose financial aid is pending while attending Everett Community College. BFET participants receive child care referrals to Working Connections Childcare. Students must be in an approved program of study,

which includes GED, High School Completion, ELA/ESL, vocational certificate programs, Associate in Technical Arts degrees, and most transfer degrees.

Worker Retraining

EvCC works in partnership with the Employment Security Department (ESD) to provide job training for people who are dislocated workers or laid-off. Worker Retraining is a “jump-start” funding source providing assistance with tuition, fees, books, tools, supplies and/or emergency funds.

Students must be in an approved program of study, which includes GED, High School Completion, ESL or vocational certificate programs and select Associate in Technical Arts/Associate of Applied Arts degrees.

To find out if you may be eligible, please complete a short survey at StartNextQuarter.org.

Employment Security

EvCC contracts with WorkSource to provide an Employment Security representative to EvCC students. Our ESD representative can assist with completing the paperwork to attend school and collect unemployment benefits at the same time (CAT/TB applications).

To receive assistance, please contact Worker Retraining at workerretraining@everettcc.edu or 425-259-8755.

Trade Act

The Trade Adjustment Assistance (TAA) program was created to provide benefits and support to workers who became unemployed due to the impact of international trade.

The TAA program seeks to provide U.S. workers who are adversely affected by trade with the opportunity to obtain the skills, resources, and support they need to become reemployed. An adverse effect includes a job loss or threat of job loss.

For information about this program or for assistance with completing TAA paperwork, contact Worker Retraining at workerretraining@everettcc.edu or 425-259-8755.

Internships

Workforce Funding acts as a clearinghouse for internships for students whether they are required, optional, or exploratory for a certificate or degree. For more information, call 425-388-9278.

Transfer Credit Process and Policy

Everett Community College recognizes academic credits earned at other regionally accredited post-secondary institutions. Equivalencies are assessed based on academic level and core learning outcomes. Courses that do not have a clear match to our catalog courses are assigned a non-catalog course number (777/888/999), to allow credit to be awarded within a specific academic discipline. Other sources of education, such as prior learning experiences, or tests may be considered, as described in one of the five options below.

Credentials Evaluations are processed for students who have previously attended or are currently registered for classes at Everett Community College.

To request for a Credentials evaluation, a student needs to submit a Transfer Credit Evaluation Request form (at EverettCC.edu/StudentForms), along with sealed, official transcripts. Credentials evaluation takes about 4-6 weeks, so early action is recommended. Contact Enrollment Services for more information.

Transcripts submitted to EvCC will not be returned to the student or another entity.

Articulation and Reciprocity

EvCC subscribes to the statewide policy on inter-college transfer and articulation among Washington public and private colleges and universities endorsed by the public and private colleges and universities of Washington and the State Board for Community and Technical Colleges and adopted by the Washington Student Achievement Council. This policy deals with the rights and responsibilities of students and the review and appeal process in transfer credit disputes. For more detailed information, contact Enrollment Services.

Washington community and technical colleges (CTCs) offer reciprocity to students transferring within the CTC system who are pursuing the Direct Transfer Agreement (DTA) degree or the Associate in Science - Transfer (AS-T) degree. Students who completed an individual course that met distribution degree requirement(s) or fulfilled entire areas of their degree requirements at one college will be considered to have met those same requirements if they plan to complete the same degree when they transfer to another community or technical college in Washington. These degree requirements include Communication Skills, Quantitative Skills, or one or more Distribution Area requirements.

If courses do not transfer as expected, contact the credit evaluator in Enrollment Services about the reciprocity review. The policies and procedures can be found on our website, EverettCC.edu/TransferCredit, or in the Enrollment Services office.

General Transfer Credit Practices

An official credit evaluation is completed based on official transcripts and records; an official transcript is one that is produced and sealed by the originating institution and delivered or mailed unopened to the Enrollment Services office.

At this time, EvCC only accepts electronic transcript submission through the sending school's 3rd party transcript delivery services, e.g. National Student Clearinghouse, Parchment services, or from within the Washington state community and technical college system.

Because completion of at least 30 EvCC credits are required for eligibility for an associate degree, a maximum of 60 quarter credits may be applied as transfer credit toward a degree. A maximum of two-thirds of the credits required for a certificate may be applied as transfer credit.

Only those credits that meet certificate or degree requirements may be applied.

Semester credits earned at another college or university are converted to quarter credits on a basis of 1.5 quarter credits for each semester credit. For example, 3 semester credits = 4.5 quarter credits.

EvCC does not grant credit for religion or theology courses that are sectarian in nature. Credit for life or work experience, or advanced standing, given by another institution is not transferable to EvCC. Transfer credit will not be awarded for duplicate coursework.

For certain programs, some credits may be non-applicable due to their age. Students should make an appointment with their program advisor for more information.

Generally, only lower-division (100 and 200-level) coursework (or equivalent) will be considered. Exceptions may be granted on a case by case basis.

Awarded transfer credits from transcript evaluation completed will not be shown on the EvCC transcript - only the total number of transfer credits awarded and the name of the institution from which the credits came will be shown.

Awarded Academic Credit for Prior Learning and Test Credits from official score reports evaluation completed after Fall 2021 will appear on the transcript.

Details of the transfer credits can be found in the Transfer Credits page or Academic Advisement Report in the ctcLink and Starfish Degree Planner. Awarded transfer credits do not count towards the student's EvCC GPA.

Transfer Credit Options

Credits from Accredited Colleges and Universities

Credits from Colleges and Universities that are accredited by the following accreditors may be applied toward any of our certificates and degrees, meeting either Distribution Area requirements or electives, at the discretion of the credential evaluator and/or program advisor.

Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges (ACCJC)

Higher Learning Commission (HLC)

Northwest Commission on Colleges and Universities (NWCCU)

Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)

Middle States Commission on Higher Education (MSCHE)

New England Commission of Higher Education (NECHE)

WASC Senior College and University Commission (WSCUC)

Credits from post-secondary Institutions that are accredited by accreditors not on the above list:

Transcripts from school under this category may be reviewed and considered for credits.

A maximum of 60 credits for courses completed at these schools may be applied toward EvCC's non-transfer degree/certificates (Associate in Technical Arts, Associate in General Studies) in the non General Education area.

For university transfer programs (DTA): Credit is applicable only to the "B" list electives (15 credits maximum). Be aware that some other colleges and universities may not accept these credits.

International Colleges and Universities

Credits from non-U.S. colleges and universities, recognized within their educational systems, may be applied toward any of our certificates and degrees, meeting either requirements or electives, at the discretion of the credential evaluator and/or program advisor.

An initial evaluation is required to be completed by an outside evaluation agency that is a member of National Association of Credential Evaluation Services (NACES). They will require an official copy of your transcript, and their report will need to be submitted to EvCC. Please also submit an official transcript, as well as a copy of the catalog or course description(s) to EvCC.

The Enrollment Services office can provide more details about this process and how to contact one of these agencies. More information is available at EverettCC.edu/TransferCredit.

Academic Credit for Prior Learning

Academic Credit for Prior Learning Policy

Everett Community College recognizes that students come to college with knowledge they have gained outside a formal classroom. Academic Credit for Prior Learning (ACPL) is an avenue for EvCC to recognize that knowledge and award college credit students can use toward their degree or certificate. EvCC defines ACPL as “the knowledge and skills gained through work and life experience; through military training and experience; and through formal and informal education and training from in-state and out-of-state institutions, including foreign institutions” (RCW 28B.77.230). All enrolled students are eligible for ACPL.

Types of ACPL

Extra Institutional Learning (Industry Certificate)

Students may be awarded credit knowledge and skills acquired outside a higher education institution and objectively verified through third-party certifications. EvCC offers credit for many industry certifications in areas such as Fire Science, Criminal Justice, Information Technology, Early Childhood Education, Medical Coding, and Welding. A complete list of certificates for which EvCC offers credit is available at EverettCC.edu/ACPL. The published equivalencies are not an exhaustive list. If a student has a certificate or credential that does not appear on the website, they are encouraged to submit the certificate for faculty review.

Military Training

EvCC awards credit for some military training, military occupational specialties (MOS), and rates. Credit for military training is based on American Council on Education (ACE) guidance and must appear on the service member’s Joint Service Transcript (JST) or Community College of the Air Force (CCAF) transcript.

- Request a JST at https://jst.doded.mil/official.html.
- Request a CCAF transcript at https://www.airuniversity.af.edu/Registrar/Transcript-Requests/

Per VA regulations, students using VA education benefits must submit official military transcripts and all previous college transcripts for transfer credit evaluation. The VA will not pay for repeated credits.

Prior Experiential Learning Portfolio

Students may arrive at EvCC with a great deal of college-level learning, but no educational documentation. The Prior Experiential Learning Portfolio gives students a chance to showcase their knowledge to earn college credit. In this type of

ACPL, the student creates a portfolio of prior experiences, exhibiting their mastery of specific course learning outcomes. More information regarding Prior Experiential Learning Portfolios can be found at EverettCC.edu/ACPL.

Credit by Testing

EvCC offers credit for the Advanced Placement (AP), College Level Exam Program (CLEP), International Baccalaureate (IB), and Cambridge International (CI) Examinations. For AP, CI, and IB, the minimum scores required to earn credit follow the guidelines as established by the state board and listed on the following pages of this course catalog.

Course Challenge Exam

Students may earn credit by demonstrating that they have met the learning objectives of an EvCC course by successfully completing a challenge exam. Course challenge exams may take any of a number of formats, including written exams, oral exams or interviews, practical skills demonstrations, as determined by an appropriate faculty member.

Information on how to complete a Course Challenge Exam is available at EverettCC.edu/ACPL.

How to apply for ACPL

Please refer to the EvCC ACPL webpage at at EverettCC.edu/ACPL for instructions on how to apply for ACPL credit.

ACPL Fees

ACPL fees support ACPL application, assessment and transcription processes and vary depending on the type of ACPL requested. Neither the success of the application, nor the number of credits requested or awarded, has any bearing on EvCC's ACPL fee structure. Current fees are located at EverettCC.edu/ACPL.

ACPL Limitations

The following are limitations for credit earned via ACPL:

- No more than 50% of any professional or technical credential (certificate or degree) may be awarded through ACPL.
- With the exception of AP and IB test credit, students in university transfer degrees are limited to 15 credits of "B" list electives from ACPL. Exceptions may be granted on a case-by-case basis.
- Challenge exam and prior experiential learning portfolio credit must be applicable to a student's academic or professional program of study.
- If there are no equivalent courses listed in the course catalog, students may earn up to 15 elective credits for college level learning. Credit awarded in this manner must fit within the student's program of study.
- Four-year institutions may or may not accept ACPL as transfer credit. Students are responsible for consulting their advisor or other resources to ensure they understand the ACPL transfer policies for specific four-year institutions.
- Credit earned through ACPL at one Washington State Community College will be accepted toward the appropriate course or program at any other community and technical college in the Washington State system.

Advanced Placement Examinations - AP

AP Test Score Equivalencies at Washington CTCs

The chart included on this page represents course equivalencies awarded each Advanced Placement (AP) exam score and recognized by all community and technical colleges in Washington. Colleges may award additional credits based on local policies, when appropriate. Students interested in transferring to a four-year university should check the requirements of their target school to determine the best way to use their AP exam credits.

4.60.14 Advanced Placement: Washington state community and technical colleges will award unrestricted elective credit for an Advanced Placement (AP) score of 3 or higher. Credit will be awarded on the basis of official AP results, not transcript notation. Credits granted for general education or major requirements will be specified by the receiving institution's AP credit policies; otherwise, elective credit will be granted.

Rationales for Awarding Elective Credit for a Score of 3, Current Exams

Computer Science A
The Computer Science A exam is predominantly multiple choice. A score of 3 may be earned by a tester who cannot recognize code, and the equivalent college class requires students to write code.
English: Language and Composition
A score of 3 shows a degree of scholarship with critical thinking but not the degree of academic thinking required of a score of 4 or 5 and of credit for ENGL&101

Currently available?	AP Test	Score	EvCC Equivalency	Quarter Credits
y	African American Studies	3, 4, 5	HIST 777	5
y	Art: Art History	3, 4, 5	ART& 100	5
y	Art: Studio Art - Drawing	3, 4, 5	ART 115	5
y	Art: 2D Design	3, 4, 5	ART 110	5
y	Art: 3D Design	3, 4, 5	ART 111	5
y	Biology	3, 4, 5	BIOL& 100	5
y	Calculus AB	3, 4, 5	MATH& 151	5
y	Calculus BC	3, 4, 5	MATH& 151 and MATH& 152	10
y	Chemistry	3 or 4	CHEM& 121 or CHEM& 161	5 or 5.5
		5	CHEM& 161 and CHEM& 162	10
y	Chinese Language & Culture	3 or 4	CHIN& 121 (5)	5
		5	CHIN& 121 and CHIN& 122	10
y	Computer Science A	3	Elective	5
		4 or 5	CS& 141	5
n	Computer Science AB	3, 4, 5	Elective	5
y	Computer Science Principles	3, 4, 5	CS 110	5
y	Economics: Micro	3, 4, 5	ECON& 201	5
y	Economics: Macro	3, 4, 5	ECON& 202	5
y	English: Lang & Comp	3	Elective	5
		4 or 5	ENGL& 101	5
y	English: Lit & Comp	3	Humanities (ENGL 777)	5

y	Environmental Science	3	ENVS& 100	5
		5	ENVS& 101	5
y	European History	3	HIST 111	5
		4 or 5	HIST 111 and HIST 112	10
y	French Language & Culture	3	FRCH& 121	5
		4	FRCH& 121, FRCH& 122,	10
		5	FRCH& 121, FRCH& 122, FRCH& 123	15
n	French Literature	3	FRCH& 121	5
		4	FRCH& 121 and FRCH& 122	10
		5	FRCH& 121, FRCH& 122, FRCH& 123	15
y	German Language & Culture	3	GERM& 121	5
		4	GERM& 121, GERM& 122	10
		5	GERM& 121, GERM& 122, GERM& 123 (10)	15
y	US Government & Politics	3, 4, 5	POLS& 202	5
y	Comparative Government & Politics	3, 4, 5	POLS& 101	5
y	Human Geography	3, 4, 5	GEOG 777S	5
y	Italian Language & Culture	3 or 4	ITAL& 121	5
		5	ITAL& 121, ITAL& 122	10
y	Japanese Language	3 or 4	JAPN& 121	5
		5	JAPN& 121, JAPN& 122	10
n	Latin Literature	3, 4, 5	HUM 777	5
n	Latin: Virgil	3 or 4	HUM 777	5

		5	HUM 777	10
y	Latin Literature & Culture	3, 4, 5	HUM 777	5
y	Music Theory	3, 4, 5	MUSC& 105	5
n	Music Listening/ Literature	3, 4, 5	MUSC&105	5
y	Pre-Calculus	3	MATH&141	5
		4 or 5	MATH&141 and MATH&142	10
y	Physics 1	3, 4, 5	PHYS& 114	5
y	Physics 2	3, 4, 5	PHYS& 115	5
n	Physics B	3, 4, 5	PHYS 777	5
y	Physics C (Mechanics)	3	PHYS& 114	5
		4 or 5	PHYS& 231 and PHYS& 241	5
y	Physics C (Elect. & Mag.)	3	PHYS& 115	5
		4 or 5	PHYS& 243 (no lab credit)	4
y	Psychology	3, 4, 5	PSYC& 100	5
y	Spanish Language & Culture	3	SPAN& 121	5
		4	SPAN& 121 and SPAN& 122	10
		5	SPAN& 121, SPAN& 122, SPAN& 123 (10)	15
y	Spanish Literature & Culture	3	SPAN& 121	5
		4	SPAN& 121 and SPAN& 122	10
		5	SPAN& 121, SPAN& 122, SPAN& 123 (10)	15
y	Statistics	3, 4, 5	MATH& 146	5
y	U.S. History	3	HIST& 146	5
		4 or 5	HIST& and HIST& 147	10
y	World History	3, 4, 5	HIST 103	5

Cambridge International

The following crosswalk is based on guidance from SBCTC: https://www.sbctc.edu/becoming-a-student/high-school/dual-credit-student

The chart included on this page represents course equivalencies awarded for each Cambridge International (CI) exam score and recognized by all community and technical colleges in Washington. Colleges may award additional credits based on local policies, when appropriate, but should not award course equivalency credit for scores lower than those listed in this table. **Students interested in transferring to a four-year university should check the requirements of their target school to determine the best way to use their IB exam credits.**

4.60.53 Cambridge (CI)

Washington state community and technical colleges will award unrestricted elective credit for a Cambridge (CI) score of E on A and AS level exams. Credit will be awarded on the basis of official CI results, not transcript notation. Credits granted for general education or major requirements will be specified by the receiving institution's CI credit policies; otherwise, elective credit will be granted. Requirements of the Associate of Arts (AA) General Transfer degree allow ten (10) credits maximum from any single department for Humanities Social Sciences and Natural Sciences distribution requirements. A maximum of five (5) credits of World Language can be used for Humanities distribution.

For Cambridge exams that are not listed here (Afrikaans, Arabic, Divinity, Hindi, Hinduism, Information Technology, Islamic Studies, Law, Portuguese, Tamil, Travel & Tourism, or Urdu), please contact your college's Office of Admissions or Enrollment Services.

Name	Exam	Minimum Credit
Accounting	A Level	ACCT&201, ACCT&202, and ACCT&203 (15)
Accounting	AS Level	General electives (5)
Art & Design	A Level	Humanities Distribution in art (10), and general electives (5)
Art & Design	AS Level	Humanities distribution in art (7.5)
Biology	A Level	Natural Science Distribution in biology, with lab (10), and general electives (5)
Biology	AS Level	Natural Science Distribution in biology, with lab (7.5)
Business	A Level	BUS&101 (5) and business electives (10)
Business	AS Level	BUS&101 (5) and business electives (2.5)
Chemistry	A Level	CHEM&161, CHEM&162, and CHEM&163 (15)
Chemistry	AS Level	Natural Science Distribution in chemistry, with lab (7.5)
Chinese	A Level	World language (10) and humanities distribution (5)
Chinese - Language	AS Level	World language (7.5)
Classical Studies	A Level	Humanities Distribution (10), and general electives (5)
Classical Studies	AS Level	Humanities distribution (7.5)
Computer Science	A Level	Computer science for non-majors (5) and general electives (10)
Computer Science	AS Level	Computer science for non-majors (5) and general electives (2.5)
Digital Media & Design	A Level	Humanities Distribution (10) and general electives (5)
Digital Media & Design	AS Level	Humanities Distribution (7.5)
Drama	A Level	DRAMA&101 (5), humanities (5) and general electives (5)
Drama	AS Level	DRAMA&101 (5), and general electives (2.5)
Economics	A Level	ECON&201 (5), ECON&202 (5), and general electives (5)
Economics	AS Level	Social science distribution in economics (7.5)
English - Language	A Level	General electives (15)

English - Language	AS Level	General electives (7.5)
English - Language and Literature	AS Level	General electives (7.5)
English - Literature	A Level	Humanities distribution (10) and general electives (5)
English - Literature	AS Level	General electives (7.5)
English General Paper	AS Level	General electives (7.5)
Environmental Management	AS Level	Natural science distribution, with lab (7.5)
French	A Level	FRCH&121, FRCH&122, and FRCH&123 (15) ... UW Awards 200-level credit
French - Language	AS Level	FRCH&123 (5) and humanities distribution (5)
Geography	A Level	Social science distribution (10) and general electives (5)
Geography	AS Level	Social science distribution (7.5)
German	A Level	GERM&121, GERM&122, and GERM&123 (15) ....UW gives primarily 300-level credit
German - Language	AS Level	GERM&123 (5) and humanities distribution (5)
Global Perspectives and Research	A Level	General electives (15)
Global Perspectives and Research	AS Level	General electives (7.5)
History	A Level	Humanities or social science distribution in history(10 in one or 5 in each) and general electives (5 to 10)
History	AS Level	Humanities or social science distribution in history (7.5)
Japanese - Language	AS Level	World language (5) and humanities distribution (2.5)
Marine Science	A Level	Natural science distribution, with lab (10) and general electives (5)
Marine Science	AS Level	Natural science distribution, with lab (7.5)
Mathematics	A Level	MATH&151 (5), MATH&152 (5), and mathematics electives (5)
Mathematics	AS Level	Mathematics electives (7.5)

Mathematics - Further	A Level	MATH&146 (5), MATH&153 (5), and mathematics electives (5)
Mathematics - Further	AS Level	Mathematics electives (7.5)
Media Studies	A Level	Humanities distribution in communication (10) and general electives (5)
Media Studies	AS Level	Humanities distribution in communication (7.5)
Music	A Level	Humanities distribution in music (10) and general electives (5)
Music	AS Level	Humanities distribution in music (7.5)
Physical Education	A Level	General electives (15)
Physical Education	AS Level	General electives (7.5)
Physics	A Level	PHYS&114, PHYS&115, and PHYS&116 (15)
Physics	AS Level	Natural science distribution in physics, with lab (7.5)
Psychology	A Level	PSYC&100 (5), social science distribution in psychology (5), and general electives (5)
Psychology	AS Level	Social science distribution in psychology (7.5)
Sociology	A Level	SOC&101 (5), social science distribution in sociology (5), and general electives (5)
Sociology	AS Level	Social science distribution in sociology (7.5)
Spanish	A Level	SPAN&121, 122, and 123 (15)
Spanish - Language	AS Level	General electives (7.5)
Spanish - Literature	AS Level	Humanities distribution (7.5)
Thinking Skills	A Level	Humanities or social science distribution in philosophy (10 in one or 5 in each) and general electives (5 to 10)
Thinking Skills	AS Level	Humanities or social science distribution in philosophy (7.5)

College Level Exam Program - CLEP

Official Score Reports are required. For official reports, please visit collegeboard.org

*Students must submit the written portion of the exam to be graded for consideration for credit for ENGL& 101.

Please note that some other colleges and universities may not accept these credits. For transfer degrees, credits awarded for CLEP generally can only be applied as B List (Restricted) Electives, maximum 15 credits.

CLEP Examination	Min. Score	EvCC Equivalency	Quarter Credits
Financial Accounting	50	ACCT& 201	5
Financial Accounting	65	ACCT& 201 and 202	10
Principles of Management (Needs culminating project)	50	BUS 200	5
Principles of Marketing (Needs culminating project)	50	BUS 150	5
History: US I	50	HIST& 146	5
History: US II	50	HIST& 148	5
History: Western Civilization I	50	HIST 111	5
History: Western Civilization II	50	HIST 112	5
Humanities	50	HUM& 101	5
Information Systems and Computer Applications	50	IT 101	5
French	51	FRCH& 123	5
French	63	FRCH& 123 and 223	10
German	51	GERM& 123	5
German	65	GERM& 123 and 223	10
Spanish	51	SPAN& 123	5
Spanish	67	SPAN& 123 and 223	10
College Mathematics	50	MATH& 107	5
College Algebra	50	MATH 138	5
Precalculus	50	MATH& 141	5
Calculus	50	MATH& 151	5
American Government	50	POLS& 202	5
Introductory Psychology	50	PSYC& 100	5
Human Growth and Development	50	PSYC& 200	5

International Baccalaureate

Official IB score reports are required. The following crosswalk is based on guidance from SBCTC: https://www.sbctc.edu/becoming-a-student/high-school/dual-credit-student

International Baccalaureate	Score	State Proposed Minimum	EvCC Equiv. (credits)
African History	4 or higher	Social Science or Humanities (5)	HIST999 (5)
American History	4 or higher	HIST& 136, HIST& 137, HIST& 146, HIST& 147, HIST & 148, HIST& 156, HIST& 157, HIST& 158, HIST& 159 (5)	HIST&146 (p. 379) or 147 or 148 (5)
Language A	4	Humanities distribution (5)	
Arabic A, Chinese A, French A, Japanese A, Russian A, Spanish A	5 or higher	Humanities distribution (5)	World Language (5)
Language B	4	World Language (5)	Elective (A)(5)
Arabic A, Chinese A, French A, Japanese A, Russian A, Spanish A	5 or 6	World Language (5)	World Language (5)
	7	World Language (10)	World Language (10)
Art/Design	4 or higher	Humanities distribution (5)	Humanities distribution (5)
Biology	4 or higher	BIOL&100 or BIOL&160 (5)	Elective (A) (5)
Business & Management	4 or higher	Business or management elective (5)	Elective (A) (5)
Chemistry	4	CHEM&121 (5)	
	5	CHEM&121, CHEM&161 (5)	CHEM&121(5) or CHEM&161(5)
	6 or 7	CHEM& 121, CHEM& 161, CHEM& 162 (5)	CHEM& 121 or CHEM& 161or CHEM& 162 (5)
Computer Science	4 or higher	CS& 141	CS& 141 (5)
Dance	4 or higher	Humanities distribution (5)	
Design Technology	4 or higher	ENGR&104 (5)	ENGR&104 (5)
East/Southeast Asia and Oceania	4 or	Social Science or Humanities (5)	HIST 999 (5)

History	higher		
Economics	4	Elective (5)	Elective (A) (5)
	5 or higher	ECON&201 and ECON&202 (10)	ECON&201 and ECON&202 (10)
English A Literature	4	Humanities distribution (5)	Elective (A) (5)
	5 or higher	ENGL&111 or Humanities distribution (5)	ENGL&111
English A Language & Literature	4	Humanities distribution (5)	Elective (A) (5)
	5 or higher	ENGL&101	ENGL&101 (5
Environmental Systems and Societies	4 or higher	ENVS&100 (5) or natural science distribution (5)	ENVS&100 (5)
European History	4 or higher	HIST&116, HIST&117, HIST&118 (5)	HIST 111 (5) or HIST 112 (5)
Film	4 or higher	Humanities distribution (5)	
Geography	4 or higher	GEOG&200 (5)	GEOG777 (5)
Global Politics	4 or higher	Political Science Elective (5)	Elective (A) (5)
Information Technology in aGlobal Society	4	Elective (5)	Elective (A) (5)
Marine Science (SL Only)	4 or higher	Natural Science with lab distribution (5)	
Mathematics	4	College-level math distribution (5)	Elective (A) (5)
	5 or 6	MATH&142 (5)	MATH&142 (5)
	7	MATH&151 (5)	MATH&151 (5)
Further Mathematics	4	MATH&142 (5)	MATH&142 (5)
	5 or higher	MATH&151 (5)	MATH&151 (5)
Mathematics: Applications and Interpretation	SL 4-5	College-level math distribution (5)	
	SL 6-7	MATH& 107 (5)	MATH& 107 (5)
	HL 4-5	MATH&141 (5)	MATH&141 (5)
	HL 6-7	MATH& 142 (5)	MATH& 142 (5)
Mathematics: Analysis and Approaches	SL 4-5	MATH& 107(5)	MATH& 107(5)

	SL 6-7	MATH& 141(5)	MATH& 141(5)
	HL 4-5	MATH& 142 (5)	MATH& 142(5)
	HL 6-7	MATH& 151(5)	MATH& 151(5)
Music	4 or higher	MUSC&105 (5)	MUSC&105 (5)
Philosophy	4 or higher	PHIL&101 (5)	PHIL&101 (5)
Physics	4	PHYS&114 and PHYS&115 (10)	PHYS&114 and PHYS&115 (10)
	5 or higher	PHYS&114, PHYS&115 and PHYS&116 (15)	PHYS&114, PHYS&115 and PHYS&116 (15)
Psychology	4 or higher	PSYC&100 (5)	PSYC&100 (5)
Social & Cultural Anthropology	4 or higher	ANTH&206 (5)	ANTH&206 (5)
Sports, Exercise & Health Science	4 or higher	Elective (5)	Elective (A) (5)
Theatre	4 or higher	DRMA&101 (5) or Humanities distribution (5)	DRMA&101 (5)
Visual Arts	4 or higher	Art&100 (5)	ART&100
World Religions (SL only)	4 or higher	Social Science or Humanities based on institutional placement of World Religions discipline	

Student Support Services

Advising

Everett Community College advisors partner with students to identify the necessary courses and steps to accomplish goals while using resources efficiently. Students are expected to meet with an advisor and to use printed and online resources to understand requirements and monitor progress.

Advising is mandatory for most new students. Steps to academic success include: 1) Select a pathway, 2) Meet with an Entry Advisor prior to first quarter registration, 3) Enroll in a College Success class your first quarter unless this requirement was waived during Entry Advising, 4) Establish a relationship with your assigned Program Advisor in your first quarter and continue to get advising.

Entry Advisors are available in Rainier Hall, Room 108, and online via Zoom for entry advising, interpreting placement results, and assistance with first-quarter registration. Full-time and senior associate faculty serve as program advisors to current students. Students who would like additional support with career guidance and exploration are encouraged to seek support through the Counseling and Student Success office or consider taking the 2 credit H DEV 110, Career and Life Planning course.

For more information about advising, go to EverettCC.edu/Advising.

Information sessions and workshops offered throughout the year can help students learn about program requirements and options; dates and times are listed on EvCC's website at EverettCC.edu.

Pathway information and degree checklists are available for students at EverettCC.edu/Pathways.

Bookstore

Everett Community College's Bookstore, operated by Follett Higher Education Group, is located in the Parks Student Union.

The bookstore provides an outlet for all required books and supplies. Art, office, and school supplies are also available. The general book department provides recommended readings as well as books for enjoyment and special interests. The store also carries greeting cards, gifts, snacks, backpacks, clothing, logo items, and alumni keepsakes.

For textbook returns and refunds, please refer to the Bookstore's website. Refund policies vary for electronic and other materials. Buyback is offered during the final exam period each quarter.

For more information, including bookstore hours, call 425-388-9413 or visit EverettCC.edu/Bookstore.

Cascade Learning Resource Center

The Cascade Learning Resource Center is located at 1001 N. Broadway, next to the Washington State University Everett building.

The Center for Transformative Teaching and eLearning

The Center for Transformative Teaching and eLearning empowers faculty professional growth through onboarding for new faculty, workshops about new technologies and teaching techniques, certification for different modes of instruction, and individual consultations, all with an emphasis on strategies to increase student success and equitable outcomes. We offer training and support for instructional practice and education technology, especially our Learning Management System

(Canvas), with an emphasis on assessment, assignment design, anti-racist teaching practices, alternative grading strategies, and open educational practices. We partner with students on projects related to teaching and organizational development.

The eLearning Department supports EvCC's in-person, online (asynchronous and synchronous), hybrid, and optional face-to-face or online classes as well as the college's learning management system (Canvas), and other educational technologies.

Online courses replace all face-to-face time with online instruction. All or nearly all course activities and interactions between students and instructors are performed online (except for some classes requiring on-campus or proctored exams).

Hybrid courses replace a portion of face-to-face time with online instruction. The remaining portion of the course takes place on campus.

Optional F2F or OL (also called "flex" or "hyflex") courses provide students with the option of attending sessions in-person (face-to-face) in the classroom, participating online, or doing both.

Students should have strong organizational, reading, and writing skills to do well in online, hybrid, and web-enhanced courses, as well as reliable access to the internet.

For questions, support, and resources for educational technology at EvCC call 425-388-9027 or 1-866-575-9027, email elearning@everettcc.edu or visit our website at EverettCC.edu/eLearning.

Russell Day Gallery

Russell Day, a faculty member from 1948 to 1974, established the visual arts program at the college and was dedicated to bringing works of varied artists, media, and movements to the students of Everett Community College. In recognition of this influence, the gallery was re-named for him in 2008.

The gallery has a specific interest in displaying the work of artists from underrepresented groups, alumni of EvCC, and providing exhibits that are not generally accessible to the public through other regional galleries.

For more information, email gallery@everettcc.edu, call 425-388-9036, or visit the website at EverettCC.edu/Gallery.

Library

EvCC's Library provides information and services to support student research and learning.

Resources include more than 65,000 books, 6,500 media items, 180,000 electronic books (eBooks), online access to approximately 35,000 full-text periodicals, and 85 periodicals in print format. Over 100 computer workstations provide access to the Internet and electronic resources. Participation in a regional interlibrary loan network further expands resources for students.

Faculty librarians assist students by helping them locate information, complete class assignments, and develop research skills. In addition to individual assistance from the reference desk, librarians teach instructional sessions and non-credit workshops.

There are individual and group study tables, casual lounge areas, and two media listening/viewing stations on the third floor. Students may reserve some of the study rooms in advance for group projects and discussion. Other group study rooms and individual study rooms are available on a first-come, first-served basis.

Wireless internet connectivity is available in the library, and laptop computers may be checked out for in-library use. Students may check out netbook computers, Chromebooks, Wi-Fi hotspots, and graphing calculators for a full quarter of use. Photocopiers, black and white and color printing, scanning, and adaptive equipment for students with disabilities are available for use.

Call 425-388-9353 for library hours and to renew materials. Call 425-388-9354 for reference assistance, or email library@everettcc.edu. Visit EverettCC.edu/Library to connect to the library catalog, use remotely-accessible databases, and for other information about library services and resources.

Tutoring

The Tutoring Center is a safe, creative study and learning environment committed to the success of each student at Everett Community College. Students can visit the Tutoring Center in Room 104 and 105 of the Cascade Learning Resource Center.

The Tutoring Center provides a friendly, supportive environment in which students may ask questions, find answers and network with other students. Professional and peer tutors help students develop learning skills, master course content and improve academic performance.

Academic support is provided in several formats: drop-in tutoring for one-on-one help, tutor-facilitated study group sessions, supplemental instruction/embedded tutoring for specific courses and online tutoring through the Northwest eTutoring Consortium.

Computers are available for students to use in a variety of ways. They can work on online homework, type papers, perform online research, use instructional software or access different websites for additional exercises in STEM and Accounting courses. Handouts for several subjects are available that provide students with explanations and practice.

Tutorial services are free to all enrolled students at EvCC. Students may access services only in the courses they are currently enrolled in at EvCC for credit.

Writing Center

The Writing Center, located online in Canvas and on campus in Cascade Learning Resource Center, provides support for student writers for all types of writing projects in any subject. Students also use the Writing Center for personal writing, resume, and scholarship application essays.

Writing Center assistants work collaboratively with writers offering feedback and providing ideas and methods for editing and revising in order to provide writers with transferable skills that will help them on future writing projects.

The Writing Center offers free drop-in and online tutoring. The Writing Center provides additional resources like dictionaries, grammar handbooks, textbooks, handouts, and writing exercises.

The Create Space

The Create Space gives students access and opportunities for self-directed learning and creativity. Students have access to software and hardware that they might not readily have access to outside of specific academic programs. There are also low-tech options available for students to collaborate, relax, and just have fun as well as tools that allow students to create personalized, creative projects. The Create Space regularly hosts events for students and provides space for students to meet and work together on assignments, club work, etc.

Center for Disability Services

The Center for Disability Services (CDS) assists students with documented disabilities to establish and receive academic accommodations while attending Everett Community College. Accommodations may be approved for testing, classroom access such as lecture capture, physical campus access such as accessible classrooms, American Sign Language (ASL) interpreters, alternative formats texts (AFT), assistive technology (AT), and other disability-related accommodations as determined through an interactive process with the student. Accommodation(s) approved in higher education and the determination process is significantly different from the K-12 system. For more information, please visit EverettCC.edu/CDS.

Prospective students are urged to apply by filling out an online form available at EverettCC.edu/CDS. After filling out the form, submit it to the CDS office for review to decide on accommodations for the current or following quarter. We require supporting documentation. Information on needed documentation is available online at EverettCC.edu/CDS. Once the CDS office receives the application, a student is contacted within two business days to schedule either a virtual or in-person intake appointment. Students requesting or those approved accommodations such as AFT or ASL interpreters should submit their

requests or applications early enough, at least six weeks before the start of classes, so that their intake appointment can be scheduled immediately. These accommodations require a long time to coordinate with external agencies to fulfill them.

Please contact CDS if you have any questions by visiting the CDS office located in Parks Student Union, Room 268 (across the hallway from the EvCC Bookstore), or call CDS staff at 425-388-9272 voice or for Deaf/HoH: VP at 425-320-4066. You may also email cds@everettcc.edu.

Counseling and Student Success

Counseling and Student Success (CSS) offers appointments with professional mental health counselors to currently enrolled students.* Appointments are free and include educational counseling, career counseling, short term personal & mental health counseling, and help with urgent concerns. Counselors assist students to develop plans for success. They offer academic advising for students in the Human Services transfer program as well as those who are undecided about their program of study. Counselors also offer referrals to campus and community resources and provide outreach and consultation/training to faculty and staff.

*Please note that returning students are welcome to make appointments for educational and career counseling.

Appointments: For further information about CSS or to schedule an appointment with a counselor, please contact us:

- Email: counseling@everettcc.edu
- Phone: 425-388-9263
- Office location: Parks Student Union, 3rd floor
- CSS webpage: EverettCC.edu/CSS

CSS counselors: CSS counselors are experienced professionals who provide short-term holistic counseling to support student success. They are Washington State Licensed Mental Health Counselors or Licensed Mental Health Counselor Associates. Several also teach Human Development courses on a broad range of topics including Career and Life Planning, Stress Management, and Human Relations in the Workplace.

Counseling sessions: Counseling sessions are generally 50 minutes long. Sessions are confidential unless students give consent for information to be shared or in emergency circumstances as outlined in RCW 18.19.180, Washington State's legislation governing confidential communications.

Counseling themes: Students frequently address topics such as these in counseling sessions:

- Educational counseling: setting educational goals, improving college success skills, choosing a program of study, overcoming barriers that have led to low grades or an Academic Counseling Hold, etc.
- Career counseling: exploring career interests and options; engaging in career research, assessment,* and/or decision-making; connecting career interests and goals to relevant coursework etc. *There is a small fee for some career assessments. Others are available free of charge.
- Personal & mental health counseling: addressing interpersonal relationships, depression, anxiety, family issues, identity, isolation, loss and grief, culture shock, trauma, financial/food/housing insecurity, substance use, suicidal ideation, health concerns, and many other themes impacting daily life and/or success in school.
- Urgent concerns: short-term interventions for students experiencing acute distress and/or immediate barriers to well-being and academic success.
- Academic advising: advising for undecided students and students planning to major in Human Services, assistance with educational planning, general transfer advising, and informal transcript evaluation.

Campus & Community Referral: Counselors assist students with referrals to relevant campus and community resources.

Consultation & Outreach: Counselors offer consultation to faculty and staff. They participate on campus committees and sponsor/contribute to campus programming about current educational, cultural, and wellness issues.

Diversity and Equity Center

The Diversity & Equity Center is a welcoming space designed to support the needs of students and the local communities both on and off campus through focused retention programming, community events, institutional initiatives, and connections to resources.

The Diversity & Equity Center provides students with one-on-one student services, Work Study, volunteer opportunities, student job opportunities, scholarships, and a community lounge.

The Diversity & Equity Center is located on the First floor of Parks Student Union Building. Call 425-388-9306, email diversity@everettcc.edu, or visit EverettCC.edu/Diversity.

Student Retention and Support Services

- Get started information, entry services, and assistance for new, returning and prospective students
- Mid-quarter academic assessments
- Student leadership and development through workshops, conferences, and campus/community programs
- Referrals to resources on campus and with community partners
- Tutoring
- Computers available for homework and research
- Service learning and volunteer opportunities
- Supporting College in the High School students matriculating to EvCC

Outreach Activities and Programs

- Elementary, middle, and high school visits
- Community events/college presentations
- College/career fairs
- Workshops and conferences

Faculty/Staff Support and Resources

- Class presentations, information and resources
- Collaboration with Instruction to provide faculty resources and training to enhance instruction, curriculum and pedagogy
- Trainings, programs, and outreach activities aimed at improving the academic success of students and developing allies
- Lectures and events

Pride Center

The Pride Center is a place where students can ask questions, seek support and resources, and feel safe to be who they are.

The Pride Center is located in the Parks Student Union, Room 221-B. For more information, contact pridecenter@everettcc.edu.

EvCC Safety, Security, and Emergency Management Office

This office manages the college safety, security, parking management, emergency preparedness, community health, and alternative transportation concerns. If you have a current parking permit and are parked on campus, Security can provide motorist assistance for flat tires, and battery failures.

In an emergency, dial 911; if the situation allows, also call the Security Office's 24-hour emergency number, 425-388-9998.

All parking on EvCC's campuses requires a permit. Quarterly staff and student parking permits may be purchased online via the EvCC Security webpage at EverettCC.edu/Security. Hourly visitor parking permits and all-day parking permits are available at the pay parking machines located in parking lots B and K. Visitors can also pay for parking at the Cashiers Office.

The Safety, Security, and Emergency Management office is located on the main level near the southeast entrance to the Parks Student Union, Room 226. The office phone number is 425-388-9990. Please visit Everettcc.edu/Security for business hours. To contact a security officer after business hours, call the 24-hour emergency number, 425-388-9998.

Foster Care Scholarships and Services

EvCC Connect empowers current and former foster youth and unaccompanied homeless youth to achieve their aspirations and educational goals. Dedicated staff in TRiO, the Diversity & Equity Center, and Financial Aid can help students get started at college and connected with resources to help them succeed.

Funds are available for qualifying students. Contact Allison Werling for more information: awerling@everettcc.edu or 425-388-9948.

MESA Program

The Mathematics, Engineering, Science Achievement (MESA) program at EvCC is rooted in equity, access, and opportunity. Our mission is to serve students who plan to transfer to four-year colleges or universities in pursuit of Science, Technology, Engineering, or Math (STEM) based degrees.

EvCC's MESA program is part of a nationally recognized academic support program that looks beyond traditional student populations to meet current, future, and global workforce demands in STEM fields.

To join MESA, students must intend to earn a bachelors in STEM, have financial/academic needs, and/or be a first generation college student.

MESA Student Support Service

Students who participate in MESA receive one-on-one and group support to help them reach their goals:

- Academic mentorship and transfer assistance
- Academic Excellence Workshops (organized study groups)
- University and industry visits
- Dedicated study space

- Community

Visit EverettCC.edu/MESA for more information.

Student Housing

Everett Community College has two residence halls for students: Mountain View Hall and Cedar Hall. Both buildings are open to all students, including new and returning students.

Mountain View Hall and Cedar Hall are less than a five-minute walk to classes, the library, computer labs, the college's fitness center and bus line. Students can also participate in exclusive activities for on-campus residents. Some student services, such as tutoring, are offered at residence halls.

All units are fully furnished, and rent includes all utilities and wireless internet. Mountain View Hall and Cedar Hall are open year round, including during breaks and holidays.

Students can choose to have their own private room and private bathroom in the 120-room Mountain View Hall or live in a studio, three-, or four-bedroom apartment in the 132-bed Cedar Hall.

The buildings also feature laundry space, bike storage, an indoor community room, and shared outdoor space in a gated first floor courtyard (Cedar Hall only).

Live-in staff includes student resident assistants and two full-time assistant directors. EvCC Campus Safety & Security officers are also available to assist students when needed. For more information, visit EverettCC.edu/Housing or email housing@everettcc.edu.

Student LIFE

What is the meaning of LIFE?

Leadership, Inclusion, Fun, and Engagement!

Mission

Student LIFE's mission is to provide opportunities for student leadership development, engagement, and governance.

Get Connected

Explore Student LIFE online at EverettCC.edu/LIFE and connect with EvCC's campus life!

Learn about clubs to join, take a tour to find your classes, apply for a student job, or attend a free concert, comedy show, or fun activity just for you! Stay up-to-date on student perks and important deadlines when you check out the Student LIFE Weekly and follow us on Instagram and Facebook: @EvCCLIFE!

Student Government

Students are encouraged to become involved with and have a voice in the governance and leadership at EvCC. Through participation in student government, students have the opportunity to express their views on issues affecting students at EvCC as well as statewide legislative topics. The ASB government is also responsible for approving the S&A Fee, E-Tech, Student Campus Enhancement, and Green Fee budgets.

The ASB Executive Council and the ASB Student Senate provide students with learning experiences that will assist them in developing and strengthening leadership skills, while representing and assisting their fellow EvCC students. Learn more at

EverettCC.edu/ASB.

Trojan Activities Board

The Trojan Activities Board, otherwise known as TAB, is a team of students who coordinate a series of events designed for EvCC students to connect, have fun and engage outside of the classroom. Students can expect free event opportunities such as, but not limited to: live concerts, comedians, film showings and make-and-take events. TAB also plans educational events focusing on topics such as mental health, healthy relationships, and programs related to various awareness months. Additionally, students can expect large interactive events such as the annual Student LIFE Kick-Off, Quarterly Clubfests and Spring Fling! There is a lot to do at EvCC, and we hope to see you and a future TAB event!

Student Ambassador Program

The Student LIFE Ambassador Program is a leadership opportunity for students who are dedicated to serving and representing Everett Community College. Student LIFE Ambassadors work at the Student LIFE front desk, the EvCC Food Pantry, provide campus tours, and perform duties at various Student LIFE and EvCC events.

EvCC Food Pantry

The EvCC Food Pantry is a free service available to EvCC students and employees experiencing food insecurity. The EvCC Food Pantry provides non-perishable food, frozen food, hygiene items, baby basics, and pet food. Many college students experience food insecurity, and studies have shown that students with food insecurities have lower completion rates in obtaining academic certificates and degrees. The Food Pantry is currently located in WHI 290, but will be moving to the 2nd story of the Parks Student Union this year.

For more information, including operating hours, please visit EverettCC.edu/FoodPantry.

Student Clubs/Organizations

Student clubs/organizations offer opportunities to meet new friends, explore special interests, support co-curricular studies, and make contributions to campus life.

EvCC has over 20 clubs! Students are free to organize and join associations to promote their special interests.

More information on joining or starting a club can be found at EverettCC.edu/Clubs or the Student LIFE office, Parks 209.

Get More than a job. Become a Student Leader at EvCC!

Student LIFE hires over 40 EvCC students each year, just like you!

As a student leader, you'll strengthen your skills, make new friends, be a part of a team, uncover new opportunities, and connect with a global community rich in diverse viewpoints.

You'll cultivate leadership abilities that boost your resume and aid your university and scholarship submissions. Moreover, you'll receive recommendation letters, engage with your campus, and help fellow students and the community understand more about Everett Community College while having fun.

Learn more and apply at EverettCC.edu/Leadership.

Co-Curricular and College-Related Programs

Student LIFE provides opportunities to further enhance and expand upon the learning that occurs in the classroom with activities and programs outside the classroom. Student activity fees help to support the costs of these activities and programs.

The Associated Students, through the S&A Fees budget, provide funding to support a variety of programs at EvCC such as the Diversity & Equity Center, the Early Learning Center (childcare), Tutoring Center, BRIDGES Leadership Academy, The Clipper (student newspaper), Vibrations (student art magazine), and the Russell Day Gallery. These fees also fully support Athletics and Intramural sports at EvCC. Student LIFE also plans the annual commencement celebration.

The Associated Students also manage and approve the projects provided by two student fees; Student Technology Fee (E-Tech) and the Student Campus Enhancement Fee. E-Tech supports student technology enhancement on campus, which includes items such as the funding of a computer replacement cycle for open computer labs on campus and reduced computer lab fees. The Student Campus Enhancement Fee supports the creation and improvement of non-instructional spaces for students.

Associated Student Body Documents

There are several documents that guide the organization and functioning of the Associated Student Body (ASB) such as the ASB Constitution and by-laws, S&A Fees Financial Code & Budget, E-Tech Financial Code & Budget, and the Trojan Activities Board by-laws.

Copies of these documents can be obtained at EverettCC.edu/LIFE and the Student LIFE office located in the Parks Student Union, Room 209.

Student Rights and Responsibilities Handbook

The Everett Community College Student Rights and Responsibilities Handbook contains information about student rights and responsibilities.

The handbook provides a detailed description of rights and responsibilities as they pertain to the students, the college, and the community, as well as the Student Code of Conduct, procedures for disciplinary actions, procedures to ensure student rights and due process, and the jurisdiction of college personnel.

The handbook is available online at EverettCC.edu/StudentHandbook.

Student Identification Card

A student ID card is available at no cost for currently registered EvCC students at the front desk of Student LIFE, Parks 209. There is a charge for replacement ID cards.

You must pick up your card in person, including students taking classes online, at Aviation Maintenance, or Cosmetology.

Your student ID card may be used in a variety of ways:

- Official student photo identification
- Library card to check out books
- Access to EvCC’s Walt Price Student Fitness Center

The Bridges Center

The BRIDGES Center (Building Readiness, Inspiring Dreams, Gaining Educational Success) is a resource hub for all English language learners and pre-college students, with a focus on Transitional Studies students. The center’s services are the I-BEST program (see I-BEST section for offerings), volunteer literacy tutoring program, and non-credit workshops to help prepare students for Transitional Studies classes.

The center works closely with other resources on campus and in Snohomish County and prepares students not only to move forward in their academic pathway, but also to enter the workforce.

TRiO Student Support Services

The TRiO Student Support Services program (TRiO-SSS) works with low-income, first generation students, and students with disabilities to promote their goal-achievement and success at Everett Community College and beyond.

Specifically, TRiO-SSS provides ongoing one-on-one advising, personal counseling, tutoring, study-skills information, computer access, and assistance transferring to four-year colleges and universities.

Eligibility

The TRiO Student Support Services program is federally-funded to serve students who are income eligible; students whose parents have not earned a 4-year degree; or students with disabilities.

Students must be U.S. citizens or permanent residents; have academic need and would benefit from receiving program services; and have the goal of graduating and/or transferring to obtain a bachelor's degree.

TRiO-SSS Services

- Dedicated advising
- Personal and career counseling
- Free 1:1 tutoring
- Cultural and educational activities
- Study-skills information
- Help with plans to transfer to four-year colleges and universities, including campus visits

TRiO is located in the Parks Student Union first floor, and more information is available at EverettCC.edu/TRIO or by calling 425-388-9365.

All College Policies

A full list of college policies is available at EverettCC.edu/Policies.

Drug-Free Campus Policy

In an effort to provide a safe and healthy educational and work environment, all students and employees must report to class/work in a condition fit to perform their learning/duties, unimpaired due to the use of alcohol or drugs.

The unlawful use, possession, delivery, dispensation, distribution, manufacture, or sale of drugs on college property, in state vehicles, or on official business is prohibited. Any employee or student found in violation of this policy will be subject to formal disciplinary action, which could include completion of an appropriate rehabilitation program up to and/or including dismissal/expulsion.

Tobacco Use Policy

EvCC is a tobacco-free campus. Smoking, chewing, and electronic cigarettes are prohibited on college property including in any vehicle parked on college property. Smoking is a violation of the Student Conduct Code and subject to fines and/or disciplinary action.

Children on Campus

Unless officially enrolled in classes or the Early Learning Center, directly involved in an instructional process, or directly supervised by a parent or responsible adult, children are not permitted on campus. Leaving children unattended in public access areas does not meet this standard.

Pets on Campus

The safety and security of students, employees, visitors and the public are a prime concern and responsibility of the college. For health, sanitation and safety reasons, no person shall be permitted to bring into or leave any dog, cat or any other animal or pet in any college building, nor is it permitted to leave any such pet or animal unattended on any college-controlled property.

This policy does not apply to guide dogs or other trained service animals, as defined by law and consistent with the Americans with Disabilities Act, providing assistance to persons with disabilities requiring these services. This policy does not apply to animals brought to campus for a specific
course assignment, K-9 officers, and animals maintained by the college for
educational purposes.

Prohibition on Plagiarism

Success as a student and learner requires academic honesty. A chief aspect of academic honesty is the avoidance of plagiarism. Plagiarism, as defined by Brenda Spatt (1983), is “the unacknowledged use of another person’s work, in the form of original ideas, strategies, and research as well as another person’s writing, in the form of sentences, phrases and innovative terminology.” Students suspected of plagiarism are subject to the college’s Student Code of Conduct and disciplinary processes.

How can you avoid plagiarism? When writing a paper, use your own words. When using another person’s words, use quotation marks and give credit to the original source. If you are using another person’s ideas, give that person credit. Do not use pre-written papers available from the web or other term paper services. Plagiarism affects everyone. If another student is doing it, it undermines your own work and the value of your degree. If you are doing it, you are not doing the hard work from which you learn the best. Talk to your instructors about how to avoid plagiarism.

Notice to Students

The college reserves the right to change any provision, fee, rule, requirement, policy, deadline, or procedure whenever necessary. Changes are effective upon the date specified and may apply not only to prospective students, but also to those who are currently enrolled. Changes are posted online. The college reserves the right to withdraw or change courses at any time.

Falsification of information on any admission, financial aid, or other materials submitted to the college may result in denial of admission or immediate dismissal from the college. Students are expected to be familiar with all college policies and rules and will be held responsible for observing such provisions.

Student Right to Know Disclosure

Federal "Student Right to Know" (SRTK) legislation requires colleges to disclose information about student completion, graduation and transfer rates over a three-year period. Graduation data of degree-seeking, full-time undergraduate students and retention rate information for EvCC students is available at the IPEDS Data Center (nced.ed.gov/ipeds).

It is important to understand the background of this information. As a community college, EvCC enrolls large numbers of students who may be part-time, or not seeking a certificate or degree, or who have transferred from another college, or who enroll at times other than fall quarter. Furthermore, the calculation of completion and graduation rates does not consider the high numbers of students who take longer than three years to reach their goal due to part-time enrollment, or who temporarily stop-out in order to meet employment or family needs, or who are only taking a few courses to improve job skills. Thus, the statistics above should be evaluated only as a snapshot of what happens to a limited category of students, based on limited data.

The Right to Know Campus Safety Report is published annually by Oct. 1. The information is provided in compliance with requirements set forth under the Student Right to Know Campus Security Act of 1990 (Title II - Public Law 101-542 Nov. 1990).

Upon request, this information will be provided to any applicant for enrollment or employment. Copies are available in the Security office.

Notification of 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 information, please visit https://studentcomplaint.sbctc.edu/.

Equal Opportunity & Title IX

Everett Community College is committed to providing a safe and inclusive environment for all students and employees.

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance:

- Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271;

- ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232;
- Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271.

All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity

State Support of Higher Education Students

The average cost to educate a resident full-time community or technical college student for the 2024-25 academic year is $15,672. Students pay an average of $3,742 in tuition toward this cost. The remaining $11,930 is an “opportunity pathway” provided by the State and is funded by state taxes and other sources. The amounts shown are averages for a full-time, resident student. The actual tuition a student pays will vary due to credit load, residency status and other factors.

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.

Academic Regulations

Academic Guidelines and Procedures

Academic Calendar

The academic year at Everett Community College is divided into three quarters of approximately 11 weeks each and a summer session of eight weeks.

Key dates for each term are listed in the catalog. Important dates for each quarter (such as registration dates, refund deadlines, etc.) are available online at EverettCC.edu/Deadlines.

Attendance

Attendance policies vary from course to course. Students are responsible for meeting the stated requirements of the courses in which they are enrolled.

Attendance during the first several sessions of the class is necessary in order to avoid administrative withdrawal for non-attendance. See the First Week Enrollment and Withdrawal Policy.

Prerequisites and Co-requisites

A prerequisite, listed as Enrollment Requirements in the quarterly class schedule, is a course which must be taken before a student is allowed to enroll in another course, or the achievement of a minimum skills assessment score that indicates readiness for the course material.

For example: MATH 096 is a prerequisite for MATH& 141. Unless otherwise stated with the course description, a minimum grade of C (2.0) must be earned for the course to qualify as meeting a prerequisite.

Most prerequisites state that a student must be eligible for a specific course (ex. Eligibility for ENGL& 101). Eligibility is determined through looking at courses completed and, if applicable, test scores such as AP, high school and college transcripts, and other methods.

A co-requisite (CR) is a course that must be taken at the same time as another course. Students must abide by the course requirements for prerequisites and co-requisites. Faculty may administratively withdraw students who do not meet the prerequisites and co-requisites.

Equivalent Courses

The Transitional Studies division offers some courses that are equivalent to courses in English and math. Current equivalent courses are:

MATH 076 = TS 076 = HSC 076

MATH 086 = TS 086 = HSC 086

ENGL 097 = TS 097 = AEP 097 = ESL 097

ENGL 098 = TS 098 = AEP 098 = ESL 098 = HSC 098

Degree Planner

Degree Planner is a tool to assist in the evaluation and planning of a student's academic and professional/technical goals while at Everett Community College.

Degree Planner tracks progression toward the completion of a student's credential(s) at EvCC. Students can create and view the status of their own degree plan(s), as well as work with faculty advisors to create new and/or modify existing plans.

Degree Planner provides the ability to plan needed courses as best fits into their schedule, as well as compiling the unofficial record of a student's EvCC transcript, their currently-enrolled classes, and other credit(s) officially transferred in from external institutions.

Degree Planner is available via Starfish. Students should contact their faculty advisor for assistance with their academic plan. For technical Degree Planner questions contact starfish@everettcc.edu.

Course Numbering

Everett Community College offers courses that serve a variety of populations with different purposes. Course numbers (such as MATH 076 or ENGL& 101) may indicate the level of the course.

001-099: Pre-college level skills development or enhancement courses; designed to help students prepare for success in college-level work where it is expected that their academic skills in general (or specifically) are not at the college level and/or the course material is aimed at below college-level skills.

100-199: Introductory courses intended primarily for first-year college students with no significant deficiencies in their academic background.

200-299: Intended primarily for students who have successfully completed one year of college-level work.

(Approved, Instructional Council, March 2, 2006)

In Summer 2008, EvCC adopted common course numbering (CCN) in compliance with a statewide initiative of Washington's public community and technical colleges. The primary purpose of this process is to enable students to know that CCN-identified courses taken at one community college will be the same as those courses at another Washington community college.

All CCN courses are identified with an ampersand (&) in the course number, for example: ENGL& 101. The common course number, as distinguished by the ampersand, does not confer any special transferability to a university, nor does it guarantee that the same course number will be used by Washington's universities. To plan a smooth university transfer, see your advisor. A list of CCN courses is available at EverettCC.edu/CCN.

Final Examinations

Most courses require a final examination. The college publishes an official final examination schedule each quarter. Students must take final examinations at the regularly scheduled time unless other arrangements are made with the instructor.

Waiver of Regulations

A petition for waiver of a specific academic regulation should be initiated in the Instructional Dean or Instruction Office.

EvCC Pathways

Everett Community College's pathways are designed to help students succeed. Pathways are similar areas of study that lead to

related degrees and certificates.

For example, all the science, technology, engineering, and math-related areas of study form the STEM pathway. Students with a clear path are more likely to achieve their academic goals.

Each pathway has a support team who will work with students throughout their educational journey at EvCC.

All new students will select a pathway before registering for classes.

EvCC Pathways include: Advanced Manufacturing and Aerospace; Arts; Business; Exploratory; Healthcare; Humanities; Science, Technology, Engineering, and Math (STEM); Social Science, Education, and Public Safety; and Transitional Studies.

For more information, see EverettCC.edu/Pathways.

EvCC Pathways Coaches

Most EvCC Pathways have a pathways coach. Coaches help students navigate their college and academic experience, identify resources and supports, and achieve their goals. Students are encouraged to connect with a pathways coach. For more information, visit EverettCC.edu/PathwaysCoaches

Grades and Credits

Grading System

Everett Community College uses a letter symbol grading system to assess academic achievement. For traditional grades (A through F) the grade point values are:

Grade	Grade Point Value
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
F	0.0

Interpretation of Grade Symbols

A (4.0) High Degree of Excellence of Achievement

In relation to the standards set for the class, the student has done an exceptionally high level of work.

B (3.0) Better than Average Achievement

In relation to the standards set for the class, the student has significantly exceeded the average.

C (2.0) Average Achievement

In relation to the standards set for the class, the student accomplished an average level of work and met more than the minimum requirements.

D (1.0) Low Standard of Achievement

In relation to the standards set for the class, the student did not do average work and met only the minimum requirements. Grade of D- does not meet the requirements for a degree or certificate.

F (0.0) Failure to Complete Minimum Requirements

In relation to the standards set for the class, the student failed to achieve the minimum requirements.

+ and - Symbols

The symbols + and - may be used with traditional letter grades A through C to differentiate levels of achievement within a grade range. The + is not used with the letter grades A, or F. The - is not used with the letter grade D as of January 2014.

Non-Traditional Grades

The following non-traditional grades are also used when appropriate:

Symbol	Meaning
I	Incomplete
R	Repeat (HP Legacy Transcripts)
S	Satisfactory
U	Unsatisfactory
V	Instructor's Withdrawal
W	Withdrawal
Y	In-Progress

Non-traditional grades (I, N, S, U, V, W and Y) have no grade point value and, except for the S grade, no credit is awarded. Courses in which these grades are received are excluded from the grade point average calculation by Everett Community College.

Students receiving financial assistance should inquire at the Financial Aid office regarding the effect of receiving a non-traditional grade on eligibility for assistance.

Grades of I, S, U, V, W, and Y may be evaluated differently by other colleges and universities.

Incomplete

Given when a student has satisfactorily completed most of the requirements for a course but, for an unavoidable reason, has been unable to complete a specific course requirement or take the final examination.

The grade is given only if previous arrangements have been made with the instructor to complete the course requirements. A written copy of these arrangements will be placed in the appropriate division dean’s office. The course requirements must be

completed within one year of the date the I grade is received. Incomplete grades not made up within one year will revert to an F grade on the student transcript, and no credit will be earned.

Audit

Means class attendance and participation without evaluation. Courses taken on this basis carry no credit and do not count toward graduation, and cost the same as credit-bearing classes.

Students can register for classes as an audit with assistance from Enrollment Services in-person or via email at registration@everettcc.edu. Once the quarter begins, written instructor permission is needed to change the class from grade eligible to audit. It is the student's responsibility to check their student schedule in the event a class is registered as an unintended audit.

Repeat

Transcripts that are located only in our HP Legacy student management system will show the notation of "R" is made next to the grade of a course which has been repeated, if the student has submitted a course repeat card.

Transcripts that are found in ctcLink have a notation next to the original grade on the transcript. The original grade remains on the transcript, but is not included in the GPA calculation.

Satisfactory

Indicates C or higher level of achievement in a course taken on an satisfactory/unsatisfactory (S/U) basis. The S grade has no grade point value and is not used in the calculation of grade point average, but credit is awarded for the course. Instructor's permission is required to take a course on a S/U basis.

Unsatisfactory

Indicates less than C level of achievement in a course taken on an S/U basis. The U grade has no grade point value and is not used in the calculation of grade point average. No credit is awarded for courses in which a U grade is received.

Instructor Withdrawal

Given at the option of the instructor at the end of the term when a student has stopped attending class and has failed to officially withdraw. This grade may not be given after a Y or an I has been given.

Withdrawal

Indicates that registration in a course has been officially canceled by the student. It is granted to all students who officially drop a class on or before the published deadline. Failure on the part of the student to withdraw officially from a class by the published deadline may result in an F grade if the student has not completed the minimum course requirements. An excessive number of withdrawals may be cause for review of the student's academic record.

In-Progress

Indicates a course has not yet officially ended, and the student is still actively involved in finishing the required work. This grade is used in courses that have an official ending date scheduled after the end of the regular quarter.

The course requirements must be completed within one year of the date the Y is given; otherwise, it will revert to an F grade. An instructor may specify a completion date earlier than one year in the course syllabus.

BEdA Grading Basis and Transcripts

Per the State Board for Community and Technical Colleges coding policy, classes coded with a BEdA grading basis will exclude basic skills credits from the student's transcript report. The class will be shown with a grade, but no credits. Credits included on the transcript are included in quarterly and cumulative credit totals.

Final Grade Reports

Final grades are available shortly after the end of each quarter. Students may see their grades by viewing their unofficial transcript online.

For information on how to access an unofficial transcript, please visit EverettCC.edu/Transcripts.

Grade Errors and Changes

The deadline for requesting and submitting a grade change is the end of the quarter following the quarter in which the grade was given.

In the case of a conversion of an "I" or "Y" to a final grade given by the instructor, the deadline to request a change to the final grade is the end of the quarter following the quarter in which that final grade was given. In the case of spring class grades, the deadline is the end of the following fall quarter.

In most circumstances, the student should direct their initial concern about a grade to the instructor. Questions also may be directed to the dean for the instructor's division.

Grade Appeals

Students who have evidence of unfair treatment relating to their final grade may be said to have an academic grievance. Refer to WAC 132E-120-360 Academic Grievance Procedure in the Everett Community College Student Rights and Responsibilities Handbook for the procedure to resolve the grievance.

Grade Point Average (GPA)

A grade point average (GPA) is a measure of the student's overall academic performance. It is based upon those courses in which the student has received letter grades A through F. Non-traditional grades are excluded from GPA calculations. Everett Community College computes three separate student GPAs.

1. The quarterly grade point average is calculated by dividing the total quarterly number of grade points earned at EvCC by the total quarterly credit hours earned at EvCC. The quarterly GPA does not include credits transferred in from other institutions or EvCC credits earned during other quarters. The quarterly GPA is reported on the student's transcript each quarter.

2. The cumulative grade point average is calculated by dividing the total cumulative number of grade points earned in all quarters at EvCC by the cumulative total credit hours earned in all quarters at EvCC. All credits earned at EvCC are included in this grade point computation, whether or not they apply to the student's program of study. Credits transferred in from other institutions are not included in computation of this GPA. The cumulative EvCC grade point average is reported on the student's quarterly transcript.

3. The college level grade point average is calculated using only those courses numbered 100 or higher. The graduation grade point average is calculated by dividing the total cumulative number of grade points earned in all courses taken at EvCC by the total cumulative number of credit hours earned in those same courses, at the end of the last quarter of completion. The commencement grade point average is computed as of the end of the quarter prior to the last quarter.

Petition for Grade Exclusion

A returning student may submit a petition with Enrollment Services for a review of their academic record with the intent of excluding grades earned at Everett Community College from computation of EvCC cumulative grade point averages. This policy is designed for students who had difficulties (generally characterized by grades below C or 2.0) in their early term(s), left the college, returned later and demonstrated improved academic achievement.

In order to be eligible for grade exclusion, the student must meet the following criteria:

- At least one calendar year must have passed without the student's enrollment at EvCC.
- Grades to be excluded must have been awarded prior to the minimum year of absence.
- Only exclusion of all grades in the terms prior to absence will be considered; petition to exclude singular courses within a term or singular terms will not be considered.
- The student must demonstrate an ability to improve by completing at least 30 credits with a GPA of 2.5 or higher since returning to the college.

To initiate a petition for exclusion of grades, the student should contact Enrollment Services to obtain the appropriate form.

If the student's petition is approved, the grades to be excluded will still appear on the student's transcript but will not be used in calculating the grade point average.

This process cannot be used to circumvent either the EvCC repeat course policy or standards of academic progress; courses for which grades are excluded cannot be used to meet graduation requirements.

Students should be aware that other institutions might not honor such grade exclusions in computing grade point averages for admission or transfer.

Students who complete a course that is equivalent to an English or math course and earn a C (2.0) or higher may take the next course in either department. For example, a student who completes TS 098 with a C (2.0) or higher is eligible to take ENGL& 101.

Credit System

Credits measure the amount of academic work required for the class. In general, a class that meets one hour per week and requires about two hours of outside assignments per week for one quarter will earn one credit. That is, one credit represents about three hours of effort per week. Laboratory and certain other courses vary from this pattern. The quarter hours of credit for each course are shown after the course titles in the Course Descriptions section of this catalog.

Students earn credit only for those courses in which they are officially registered for credit. In certain instances, credit cannot be earned in two courses of similar content. See individual course descriptions.

Student Credit Load and Limitations

The total number of credits taken in any given quarter will vary depending on each student's goal. Students should note the following limitations:

- International students or students receiving financial aid, veterans' benefits, or other agency funding will usually have a minimum number of credit hours required per quarter. It is the student's responsibility to check with the appropriate advisor and know these requirements. Normally, 12 credits meet the requirement for full-time status. (During summer quarter, the Veteran Resource Center establishes the minimum credits needed for full-time status for veterans receiving benefits.)
- Students wishing to take more than 20 credit hours per quarter need permission from a designated Enrollment Services staff member at the time of registration, except when a single course or a prescribed program requires more than 20 credit hours in a given quarter.

The college reserves the right to deny registration by a single student in two sections of the same course in order to maximize the availability of seats for all prospective and current students.

Auditing a Course

A student who desires to attend classes but does not wish to receive grades or credits may enroll as an auditor. Full tuition and fees are charged. Students who wish to change from audit to credit (or credit to audit) during a quarter must receive permission from the course instructor. Certain courses may not be available for audit. See individual course descriptions.

If a student who is enrolled for audit does not attend regularly and fails to withdraw officially, the instructor may issue a grade of V (unofficial withdrawal). Running Start students may audit a course only if they pay the tuition themselves, since school districts do not reimburse for non-credit enrollment.

Repeating a Course for Additional Credit

Some courses can be repeated for additional credit up to the maximum specified. A separate grade is issued for each completion. See individual course descriptions or your advisor for such courses.

Repeating a Course to Change a Grade

Courses may be repeated to improve the grade earned, 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). Permission may be required to repeat a course, and/or requirements specific to an individual program of study may affect eligibility to repeat a course.

To repeat a course for the purpose of improving a grade, the student must register for the course, and pay all necessary fees. The highest grade earned of the original or repeated courses will be used to calculate the student's cumulative grade point average.

A form is only needed if the first attempt was taken prior to Fall 2021. The form can be found in our Forms Library for Students online or in-person with Enrollment Services.

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.

Academic Achievement

Honors Program

EvCC's Honors program provides students who have successfully completed English 101 with a B or better and a 3.5 College-level GPA with an opportunity to enrich their academic experiences.

This can be done by either taking honors sections of a wide variety of general education courses or by completing an Honors contract with a specific instructor to enhance traditional sections of classes.

The Honors program is designed to fit into a student's degree track and should not require students to complete additional credits. Graduates of the Honors program present their culminating projects at the annual Honors Forum during the final week of classes of spring quarter and are recognized as Honors Scholars in the annual commencement ceremony program. For more information, visit EverettCC.edu/Honors.

Quarterly Honor Roll

Students who achieve quarterly grade point averages of 3.60 and above in at least 10 EvCC traditionally graded credit hours are recognized at Everett Community College as follows:

- Students who earn a 4.0 grade point average are placed on the President's List.

- Students who earn a 3.60 to 3.99 grade point average are placed on the Vice President of Instruction's List.

Graduation with Distinction

Students who have met specific degree requirements will be graduated with distinction if their EvCC cumulative grade point average is:

Presidents Distinction - 4.0

High Distinction - 3.60 to 3.99

Distinction - 3.20 to 3.59

Satisfactory Academic Progress

Students must receive a minimum quarterly grade point average (GPA) of 2.0 to maintain satisfactory academic progress. Students must also satisfy any additional grade point requirements specified in the program checklist for the degree being sought.

Pursuant to state and federal funding guidelines, students enrolled in Transitional Studies and English Language Acquisition classes must complete at least one educational functioning level in at least one academic subject area within three quarters. Lack of such progress may result in dismissal from the program by the dean of Transitional Studies. Decisions of the dean may be appealed to the vice president of Instruction.

Academic Alert, Warning, Probation and Dismissal

Everett Community College students who fall below minimum GPA standards will be notified by a letter sent by email.

Students whose quarterly GPA falls below 2.0 for one quarter will be sent an Academic Alert letter.

Students whose quarterly GPA falls below 2.0 for two consecutive quarters will be sent an Academic Warning letter. An Academic Counseling Hold will be placed on their account. Continuation to the next quarter is subject to counselor approval.

Students whose quarterly GPA falls below 2.0 for three consecutive quarters will be placed on Academic Probation. An Academic Counseling Hold will be placed on their account. Continuation to the next quarter is subject to counselor approval.

Students whose quarterly GPA falls below 2.0 for a fourth consecutive quarter will be placed on Academic Dismissal. They will be dismissed from Everett Community College for four consecutive quarters.

Students who have been academically dismissed and would like to return before or after the four quarters of dismissal may submit a readmission appeal form six weeks before the quarter when they would like to return. The Readmission Committee will review their appeal and make a decision. Readmission Committee decisions may be appealed to the vice president of Instruction.

Students are expected to make satisfactory progress toward completion of their educational program. An excessive number of I, V, W, and U grades received in courses attempted will be cause for review of the student's academic record and may result in academic warning, probation or dismissal.

Specific guidelines for the Satisfactory Academic Progress process are available from the Counseling & Student Success office. Various resources of the college are available to help students meet academic requirements. These include, but are not limited to, services of the counseling, tutoring, writing, and disabilities centers.

Graduation

Graduation Requirements

A certificate is awarded for successful completion of a core of technical credits designed to prepare a student for immediate employment. An associate degree represents the equivalent of two years of full-time study in a university transfer program or specialized technical field.

EvCC values study in subjects that broaden a learner's perspectives and competencies. Therefore, some certificates and each degree requires students to take general education courses in communication, quantitative skills, human relations and other fields.

Students have the responsibility of verifying specific graduation requirements with their faculty advisors. Specific program requirements are stipulated in the program checklists available from Enrollment Services.

Philosophy Statement on General Education

"At Everett Community College, we believe that all people have both a right and a responsibility to find out who they are, what they can become and how they relate to others. We further believe that societies, and communities within them, can neither sustain themselves, nor flourish without people who understand themselves and the world in which they live. General Education is the life-long process through which people accumulate the knowledge, skills and understanding necessary to function more completely in complex and diverse societies. As an institution of learning, we acknowledge that we contribute to this process, and we commit ourselves to providing an environment within which people will have the opportunity to further their growth as individuals and members of society."

EvCC General Education Task Force, 1998

Requirements for All Certificates and Degrees

The college provides assistance in determining completion of the required curricula for graduation through program checklists, advisors and counselors.

However, the final responsibility for meeting all academic and graduation requirements rests with the individual student. All certificate- and degree-seeking students are assigned a program advisor.

The requirements for all degrees are as follows:

- For any associate degree, a minimum of 90 credits is required, at least 30 of which must be earned at EvCC in order to be eligible for graduation. The 90 credits may not include any under 100-level High School Completion (HSC) courses. At least 30 credits must be traditionally graded and calculated in the EvCC GPA. Exception to the 30-credit residency rule: ATA in multi-occupational trades may use a minimum of 20 credits to satisfy the residency requirement. Where applicable, a maximum of three physical education activity credits may be included (in the A-List electives only) in the total.
- For any associate degree, all students must complete a diversity course. Such courses are designated with a Diversity Class Attribute. The diversity course may also be used to meet degree requirements, such as Social Science or Humanities, depending on the course selected, although the credit will only be counted once.
- For a certificate, the minimum number of credits varies by program. At least one third of the minimum credits required for the certificate must be earned at EvCC.

Students must satisfy all specific requirements for the certificate or degree sought, including:

1. Students who apply for a certificate or degree while currently attending, or within 12 months of their last attendance, must satisfy the requirements in effect at the time of the award of the certificate or degree, or published in a catalog or program checklist in effect at any time during their most recent continuous attendance at EvCC. (Continuous attendance is defined as completing at least one term within consecutive 12-month periods.) Students needing longer than five years to complete a given certificate or degree may be subject to updated graduation requirements.

   Students are strongly encouraged to check with an advisor to confirm remaining degree requirements.

2. Students who apply for a certificate or degree after an absence of more than 12 months are subject to the requirements in effect:

   a. at the time of their last attendance if, in fact, they fully met the requirements at that time. The certificate or degree is posted with the date of their last term at EvCC. Or,

   b. at the time they submit the application for the certificate or degree if they are using transfer credit from a more recently attended institution toward the EvCC certificate or degree. The certificate or degree will be posted with the date of the term in which the application was submitted.

3. Earn an EvCC cumulative grade-point average of at least 2.0. (Transfer to four-year public and private colleges and universities is competitive. Many four-year institutions require a higher grade point average for admission.)

4. Fulfill all obligations to the college, financial or otherwise.

5. File an application for graduation with the Enrollment Services office. This should be done at least one quarter before the quarter of intended graduation. Students who plan to participate in the June commencement ceremony and have their name printed in the commencement program must RSVP. The deadline to apply for graduation is the 10th day of the intended last quarter or census day. See the Academic Calendar in the front of the Catalog. Applications received after that deadline will still receive consideration but may be delayed until the on-time applications are completed.

Please note that degrees may be auto-conferred if it is determined by the Enrollment Services office that a student has met all requirements for a certificate or degree.

Transfer Rights

Transferability of Courses

As an accredited institution, college-level credits from Everett Community College may be evaluated for transfer credit by other colleges and universities.

The transfer institution determines the transferability of courses toward baccalaureate degrees. Courses are evaluated by the transfer institution on a course-by-course basis as equivalent to required or elective courses. The Associate of Arts and Sciences degree-DTA, the Associate in Science, and the Associate in Business-DTA operate under special transfer agreements with other Washington colleges and universities and with some Oregon colleges and universities, usually enabling the student to transfer two full years of credit to the transfer institution.

EvCC program checklists assist students in the selection of appropriate courses for various programs, but it is the responsibility of each student to determine that the courses chosen meet the requirements of the selected transfer institution. The transferability of non-traditional credits such as military and CLEP should be confirmed with the institution to which the student intends to transfer. Courses numbered below 100 are not transferable.

Students should maintain a 2.0 (C) or higher grade in each course applied toward communication, quantitative skills, humanities, social sciences, and natural sciences distribution areas, as well as in all courses applicable to their intended majors. Some upper-division schools will not accept courses with grades lower than a 2.0. Most universities will require a cumulative

GPA well above 2.0.

Entrance Requirements for Transfer

A transferring student will be expected to meet the entrance requirements of the two-year or four-year college or university at the time of transfer. An institution to which an official transcript has been sent may re-compute the grade point average of the entering student in accordance with its own requirements and policies; this may happen frequently when non-traditional grades (S,U,I,W,Y, and V) are on the transcript.

General Steps in Transferring

Students who plan to transfer to a four-year college or university from Everett Community College should complete the following steps:

- Obtain an EvCC program checklist for the chosen program online. Confer with your faculty advisor each quarter. You may find that you need to explore some areas before deciding on a major.
- Obtain a current copy of the catalog of the college to which you want to transfer and study the requirements. Most colleges have placed their catalogs on the web. Our transfer website can be helpful also: EverettCC.edu/Transfer.
- Identify a university major no later than the beginning of your second year, and focus on the university requirements for that major with your advisor. Some universities give admission preference to applicants who have completed courses that prepare them to start their major. In some cases, priority for admission is given to qualified students who have completed their associate degree with courses preparatory for a specific major.
- Confer with an admissions officer at the transfer college to obtain application forms and arrange to see an advisor.
- Check periodically before transferring to be sure that all requirements are being met and all necessary steps are taken in compliance with specified deadlines.
- Watch for notices of four-year college and university representatives on campus

The Washington 45

The list of courses in Washington 45 does not replace the Direct Transfer Agreement, Associate of Science Tracks I and II, or any major-related program 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.

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.

First Year Transfer List of General Education Courses

- Communications (5 credits) –ENGL& 101, ENGL& 102
- Quantitative and Symbolic Reasoning (5 credits) –MATH& 107, MATH& 148 or MATH& 151
- Humanities (10 credits in two different subject areas or disciplines)—PHIL& 101, MUSC& 105, DRMA& 101, ENGL& 111, or HUM& 101

- For colleges that use History as a Humanities: HIST& 116, HIST& 117, HIST& 118, HIST& 146, HIST& 147, HIST& 148)
- Social Science (10 credits in two different subject areas or disciplines): PSYC& 100, SOC& 101, POLS& 101, POLS& 202
- For colleges that use History as a Social Science: HIST& 116, HIST& 117, HIST& 118, HIST& 146, HIST& 147, HIST& 148
- Natural Sciences (10 credits in two different subject areas or disciplines): BIOL& 100, BIOL& 160 with lab, ASTR& 100, ASTR& 101 with lab, CHEM& 105, CHEM& 110 with lab, CHEM& 121 with lab, CHEM& 161, CHEM& 162, ENVS& 100, ENVS& 101, PHYS& 121,GEOL& 101 with lab.

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

Many private non-profit colleges and universities have distinct general education requirements. Students should check with the institution(s) they plan to attend regarding application of transfer credits that will meet general education requirements.

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

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

Dual Admission Programs

Dual-admission programs enable EvCC students to make early application to a partner four-year university and gain a conditional admission while still enrolled at EvCC.

This early connection sets the stage for advising and course selection to ensure appropriate courses.

Dual-enrollment programs go a step further by allowing a student to take classes both at the community college and the university.

EvCC has a dual-admission agreement with University of Washington-Bothell and Washington State University - Everett.

Degrees and Certificates

EvCC offers an extensive array of degrees and certificates structured to provide defined pathways for educational and career progression. These programs are developed to equip students with foundational knowledge, specialized skills, and credentials necessary for either direct entry into the workforce or seamless transfer to baccalaureate institutions.

Accounting

Bookkeeping Certificate

Overview

Bookkeeping Certificate (ATBBOC45) Active: W 2021

This certificate is stackable within the Accounting ATA degree and the Accounting BAS degree.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**
- If you are pursuing the Bookkeeping Certificate or the Accounting ATA, BUS 130 is an option, but for the BAS in Accounting, ENGL 101 and MATH 107 or higher are required.

Required Courses

BUS 130 or MATH 107 or higher (See the Quantitative Skills list)		
ACCT 110	Small Business Accounting	5
ACCT 112	Federal Income Taxation I	5
ACCT& 201	Principles of Accounting I	5
ACCT& 202	Principles of Accounting II	5
ACCT 210	Payroll Accounting	5
ACCT 215	Computer Accounting	5
BT 242	Excel	5
CL 101	Intro to Computer Applications	5
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 17 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be

found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 50

Outcomes

Non-Discrimination Statement

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Accounting ATA

Overview

Accounting ATA (ATBACAPT) Active: F 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Accounting ATA includes the Bookkeeping Certificate (ATBBOC45) and is stackable within the Accounting Bachelor of Science degree (ATBACBAS).

Requirements

Bookkeeping Certificate Requirements - 50 units

- All courses must be completed with a grade of C (2.0) or higher.
- If you are pursuing the Bookkeeping Certificate or the Accounting ATA, BUS 130 is an option, but for the BAS in Accounting, ENGL 101 and MATH 107 or higher are required.

Required Courses

BUS 130 or MATH 107 or higher (See the Quantitative Skills list)

ACCT 110	Small Business Accounting	5
ACCT 112	Federal Income Taxation I	5
ACCT& 201	Principles of Accounting I	5
ACCT& 202	Principles of Accounting II	5
ACCT 210	Payroll Accounting	5
ACCT 215	Computer Accounting	5
BT 242	Excel	5
CL 101	Intro to Computer Applications	5
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5

Degree Requirements - 40 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Courses

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2
ACCT& 203	Principles of Accounting III	5
ACCT 230	Intro to Fraud Examination	5
ACCT 250	Intermediate Accounting I	5
BT 243	Advanced Excel	5
BUS& 101	Intro to Business	5
BUS 110	Business Communications	5
BUS& 201	Business Law	5
BUS 135	Introduction to Data Analytics	3

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Demonstrate critical thinking, analytical, and quantitative skills in making decisions and completing assignments independently and/or as a dependable team member.
- Apply appropriate technology to input, manage, and interpret business information.

- Demonstrate the ability to effectively plan and to communicate orally and in writing using multiple expressive modes.
- Describe the multiple contexts of business—social, cultural, economic, and/or legal—within a global environment and with commitment to community.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Accounting BAS

Overview

Bachelor of Applied Science (BAS) in Accounting (ATBACBAS), Active: F 2023

This degree is for anyone who wants to earn a bachelor's degree in accounting in Snohomish County. Students may be earning an associate degree or already working in the accounting field. They can go on to become CPAs (certified public accountants), personal financial advisors, tax preparers, actuaries, auditors, and credit analysts.

Requirements

Acceptance into the BAS in Accounting is required. Students must complete the BAS in Accounting application process to ensure they meet the entry requirements and receive an acceptance letter before they can enroll in BAS courses. The EvCC BAS website has more information.

Students must work with a program advisor to determine a quarter-by-quarter course plan since not all courses are offered every quarter, as well as to review which General Education courses will have been completed at the associate level.

- Students must earn a C grade (2.0) or better in many of the courses.
- Prerequisites may require extra units, and all will require a minimum grade of 2.0 (C) or higher.
- To earn this degree, the student must successfully complete a minimum of 180 units (90 units in undergraduate classes and 90 in upper division).

Associate-Level Courses - 40 or 45 units

The courses you will need will depend on what your associate-level degree or course history is. As an example, the BAS degree will use courses from the Accounting ATA, the Associate of Arts and Sciences - DTA, or the Associate in Business - DTA (MRP).

Accounting Prerequisites - 25 or 30 units

- Placement into MATH 138 or higher or ACCT 110 - Small Business Accounting - 5 units

Required Courses (minimum grade 2.0)

ACCT 112	Federal Income Taxation I	5
ACCT& 201	Principles of Accounting I	5
ACCT& 202	Principles of Accounting II	5
ACCT& 203	Principles of Accounting III	5

ACCT 250	Intermediate Accounting I	5

Required General Education Courses - 110 units

Communications - 10 units

Required Courses (minimum grade 2.0)

ENGL& 101	English Composition I	5
ENGL& 235	Technical Writing and Research	5

Quantitative Skills - 5 units

Required Course (minimum grade 2.0)

5 units from MATH 107 or higher (See the Quantitative Skills list)

Humanities - 10 units

Required Courses

CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
CMST& 240	Intercultural Communication	5
	And	
CMST 340	Adv Business/Org Communication	5

Social Sciences - 10 units

Required Courses (BUS 201 has a 2.0 minimum grade)

5 units from the DTA Social Sciences Distribution course list, BUS 101 recommended

BUS& 201	Business Law	5

Natural Sciences - 10 units

10 units from the DTA Natural Sciences Distribution course list

One course must be a Natural Science Lab.

Additional General Education Requirements - 15 units

Required Courses (minimum grade 2.0)

PHIL 360	Business Ethics	5
BUS 350	Business Research	5
ECON& 201	Micro Economics	5
	Or	
ECON& 202	Macro Economics	5

Upper-Level Accounting Core Requirements - 50 units

Required Courses (minimum grade 2.0)

ACCT 300	Finance	5
ACCT 350	Intermediate Accounting II	5

ACCT 351	Intermediate Accounting III	5
ACCT 360	Cost Accounting	5
ACCT 370	Forensic Accounting	5
ACCT 400	Accounting Information Systems	5
ACCT 420	Auditing	5
ACCT 450	Federal Income Taxation II	5
ACCT 470	Advanced Accounting	5
ACCT 490	Accounting Capstone	5

Associate-Level Units Required: 90
Upper-Level Units Required: 90
Total Units Required: 180

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 + 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Program Learning Outcomes

- Apply a broad understanding of accounting, rules and technology within several distinct areas such as financial accounting, auditing, managerial accounting, international accounting, tax accounting and public-sector accounting practices.
- Assemble and analyze financial and business data to produce requisite reports within the public, private, nonprofit and government accounting sectors.
- Apply problem-solving skills to both domestic and international accounting in an array of diverse settings.
- Develop critical thinking, quantitative reasoning, and decision-making skills by incorporating analytical tools, the latest technology and current industry best practices.
- Demonstrate effective oral and written communication and analytical thinking skills.

- Analyze the impact of ethical behaviors in the decision-making process within a professional business environment.
- Demonstrate leadership abilities and collaborative skills necessary to resolve interpersonal and organizational challenges that may occur in an accounting or business setting.
- Integrate and apply social, historical, psychological, political, and economic perspectives to a professional business setting.
- Demonstrate program mastery through the completion and presentation of a capstone project.

Non-Discrimination Statement

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Associate in Arts and Sciences - Transfer

Associate in Arts and Sciences (AAS) - Direct Transfer Agreement (DTA)

Overview

AAS-DTA - Direct Transfer Agreement (LASDTAA) Active: Sp 2022

The Associate in Arts and Sciences (AAS) - Direct Transfer Agreement (DTA) is awarded for completion of a program of study designed primarily for transfer to a four-year college or university. The AAS-DTA degree meets statewide general transfer guidelines, often referred to as the direct transfer degree, or DTA.

Requirements

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science and Natural Science distribution areas.
    - For example, a student who takes a History course as a Humanities and a History course as a Social Science has met the maximum units for History in the distribution. Additional History units can be used as electives.
- Courses must be completed with a grade of ‘D’ or above.
- A cumulative GPA of at least 2.0 is required.
- The courses listed below represent courses that have been offered within the last five years at Everett Community College; this is not a comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify in different requirement areas.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
HP 101	Coll Success for Health Prof	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 10 units

Select courses from the DTA Approved Communication Skills course list (p. 468). At least 5 units must be earned in English Composition I.

Required Courses

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5
	Or	
ENGL 105	Creative Non-Fiction	5
	Or	
ENGL 211	Advanced Composition	5
	Or	
ENGL& 230	Technical Writing	3
	Or	
ENGL& 235	Technical Writing and Research	5
	Or	
CMST& 220	Public Speaking	5
	Or	
ANTH& 206	Cultural Anthropology	5

Quantitative Skills - 5 units

Select courses from the DTA Approved Quantitative Skills course list. The institution(s) you are looking to transfer to may require different Quantitative Skills courses. Be sure to verify the requirements of the transfer institution(s).

Required Course

5 units from the DTA Quantitative Skills course list (p. 473)

Humanities Distribution - 15 units

Select courses from the DTA Approved Humanities course list. Courses must be from 2 different disciplines. Note: All World Languages count as 1 discipline. No more than 5 Humanities Performance (HP) units or 5 100-level World Language (WL) units may be used to fulfill this requirement. Any additional Humanities units beyond 15 will be counted towards your Electives.

No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses

15 units from the DTA Humanities Distribution course list (p. 468)

Social Sciences Distribution - 15 units

Select courses from the DTA Approved Social Sciences course list. Courses must be from 2 different disciplines. Any additional Social Science units beyond 15 will be counted towards your Electives. No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses

15 units from the DTA Social Sciences Distribution course list (p. 474)

Natural Sciences Distribution - 15 units

Select courses from the DTA Approved Natural Sciences course list. Courses must be from 2 different disciplines. You must have at least 1 *Lab Science* course. No more than 5 units from *Part C: Other Science* courses may be used to fulfill this requirement. Any additional Natural Science units beyond 15 will be counted towards your Electives.

Required Courses

15 units from the DTA Natural Sciences Distribution course list (p. 471)

Electives - 28 units total

A total of 28 units must be completed in electives.

- 15 units must be selected from Communication Skills, Quantitative Skills, Humanities, Social Sciences, Natural Sciences, or List A Transfer Electives.
- 13 units may be selected from those OR from List B Applied Electives.
- No more than 3 PEHW activity units may be used.
- College Success is a List B Elective. If this is not required, Electives will increase to 30 units total with no more than 15 List B units.

Required Courses

15 units from the Communications (p. 468), Quantitative Skills (p. 473), Humanities (p. 468), Social Sciences (p. 474), Natural Sciences Distributions (p. 471), or List A Transfer Electives course list (p. 467)

13 units from those OR from any List B Applied Electives (100-level courses or higher)

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

Communication Skills

- Use diverse rhetorical strategies to optimize communication effectiveness.
- Critically analyze messages across diverse contexts.
- Apply ethical principles to the analysis and creation of messages.

Quantitative Skills

- Construct a logical argument to support a conclusion.
- Manipulate and communicate symbolic language.

Humanities

- Demonstrate an understanding of the diversity of human experience and expression.
- Engage in sustained qualitative, creative, and critical explorations.

Social Sciences

- Use evidence-based research to study individual and collective human behavior.
- Understand how diverse experiences, perspectives, cultures and social systems shape human interactions.

Natural Sciences

- Apply mathematical or scientific reasoning to STEM topics.
- Learn about and/or apply the scientific method in a laboratory setting.

Non-Discrimination Statement

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Associate in General Studies

Associate Degree in General Studies

Overview

Associate in General Studies (LASGSAGS) Active: Winter 2023

The Associate in General Studies (AGS) is awarded for completion of a program of study in general education and is designed for students who wish to complete a degree in general studies.

Requirements

To earn this degree, the student must successfully complete a minimum of 90 units with a cumulative GPA of at least 2.0. At least 30 of these units must be in traditionally graded courses numbered 100 or above.

Courses designed solely for high school completion programs may not be used for the AGS. At EvCC these courses are: WFT 79, 81, 83, 84, 89; all courses with GED prefix; all courses with HSC prefix; TS 31, 32, 33, 34, 35, 36, 51, 52, 53, 54, 55, and 56.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
HP 101	Coll Success for Health Prof	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units

High school equivalent courses may not be substituted.

Required Courses

ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Quantitative Skills - 5 units

5 units, to be selected from any EvCC Math course numbered 76 or above (Math 78/79 not allowed), or any 5-unit course that meets the Basic Quantitative Skills requirement of the AAS-DTA degree. High school equivalent courses may not be substituted.

Required Course

5 units from MATH 76 or higher (See the Quantitative Skills list)

Humanities, Social Sciences, and Natural Sciences - 15 units total

Courses must be from three different distributions across Humanities, Social Sciences, and Natural Sciences.

Required Courses

5 units from the DTA Humanities Distribution course list

5 units from the DTA Social Sciences Distribution course list

5 units from the DTA Natural Sciences Distribution course list

Electives - 63 units

- Keep in mind at least 30 units must be in traditionally graded courses numbered 100 or above.
- Depending on the courses taken for Communication Skills and Quantitative Skills, a minimum range of 3 to 13 elective units will need to be at the 100-level or higher.
- The following courses may not be used: WFT 79, 81, 83, 84, 89; all courses with GED prefix; all courses with HSC prefix; TS 31, 32, 33, 34, 35, 36, 51, 52, 53, 54, 55, and 56.

Required Courses

63 units from the EvCC Course Catalog (p. 300)

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

The Associate in General Studies does not have any Program Learning Outcomes.

Non-Discrimination Statement

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Aviation Maintenance

Aviation Maintenance Technician ATA

Overview

Aviation Maintenance Technology ATA (APTATAPT) Active: W 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Note: To work as an aviation maintenance technician, students must possess a Federal Aviation Administration (FAA) Mechanic certificate with Airframe and/or Powerplant ratings. This certificate (license) is granted to students who complete the 14 Code of Federal Regulations (CFR) Part 147 program and pass the FAA written and practical oral exams for each rating.

- Courses may be subject to prerequisites.
- This degree is designed for students with an interest in earning a degree in Aviation Maintenance Technology.

Requirements

- Courses included FAA approved Part 147 curriculum and 30 units of general education courses.
- A minimum grade of 2.0 is required in all classes.

A&P License or Certificate

Students with an AP License or with an AMT Certificate with AP Ratings (or Aviation Program Certificate) may be awarded sixty (60) units after completing 30 required units at EvCC.

This is transcribed as course AVA 888, Transferred-In Course, 60 units.

General Education Requirements - 30 units

Required Courses

5 units from MATH/TS 86 or higher (See Quantitative Skills list)

5 units from the DTA Social Sciences Distribution course list

5 units from the DTA Natural Sciences Distribution course list

5 units from any 100-level or higher course

ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
CMST& 210	Interpersonal Communication	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Demonstrate and apply appropriate aviation technical applications, problem solving, and critical thinking skills required in industry while preparing for the FAA Aviation Maintenance Technician certification with Airframe and Powerplant ratings.
- Demonstrate multiple communication means specific to aviation maintenance concepts and technical processes using appropriate terms and vocabulary.
- Demonstrate safe work habits and behavior in aviation, reflecting concern, care, and pride in self, others, equipment, aircraft, and facilities.
- Demonstrate and apply industry-required technical skills and data.

- Demonstrate and apply appropriate industry required skills in attendance, character, teamwork, appearance, attitude, productivity, organizational skills, communication, cooperation, respect, and documentary discipline.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Aviation Maintenance Technology AAS-T

Overview

Aviation Maintenance Technology AAS-T (APTATAAS) Active: W 2023

The Associate in Applied Science - Transfer (AAS-T) is designed in coordination with a university and enables students to use a designated technical program toward a specific university major.

Note: In order to work as an aviation maintenance technician, students must possess a Federal Aviation Administration (FAA) Mechanic certificate with Airframe and/or Powerplant ratings. This certificate (license) is granted to students who complete the 14 Code of Federal Regulations (CFR) Part 147 program and pass the FAA written and practical oral exams for each rating.

- This degree is intended for students transferring to a specific university for a Bachelor's degree.
- Courses included FAA approved Part 147 curriculum and 30 units of general education courses.

Requirements

- Courses may be subject to prerequisites.
- **A minimum GPA of 2.5 is required.**

AP License or Certificate - 60 units total

Either the AP License (45 units + 15 elective units) or the AP Certificate (60 units)

AP License - 45 units plus 15 units of electives

A student with an AP License from a FAR Part 147 school may be awarded 45 units by EvCC after completing 30 required units at EvCC. Utilizing the AP License option for this transfer degree requires completion of 15 additional elective units (which can be AP courses in General, Airframe, and Powerplant).

A&P Certificate - 60 units

Students completing EvCC's AP program may be awarded up to 60 units towards this transfer degree.

Certificate Requirements

60 units for AP Certificate
Or
45 units for AP License
And

15 units of General, Airframe, and Powerplant Electives

General Education Requirements - 30 units

General Education Requirements

5 units from the DTA Quantitative Skills course list, MATH 141 recommended

5 units from the DTA Humanities Distribution course list

5 units from the DTA Social Sciences Distribution course list

5 units from the DTA Natural Sciences Distribution course list

5 units from any 100-level or higher course

And

ENGL& 101	English Composition I	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Demonstrate and apply appropriate aviation technical applications, problem solving, and critical thinking skills required in industry while preparing for the FAA Aviation Maintenance Technician certification with Airframe and Powerplant ratings.

- Demonstrate multiple communication means specific to aviation maintenance concepts and technical processes using appropriate terms and vocabulary.
- Demonstrate safe work habits and behavior in aviation, reflecting concern, care, and pride in self, others, equipment, aircraft, and facilities.
- Demonstrate and apply industry required technical skills and data.
- Demonstrate and apply appropriate industry required skills in attendance, character, teamwork, appearance, attitude, productivity, organizational skills, communication, cooperation, respect and documentary discipline.

Non-Discrimination Statement

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Aviation Maintenance Certificate

Overview

Aviation Maintenance Technology Certificate (APTAMC45) Active: W 2023

To work as an aviation maintenance technician, students must possess a Federal Aviation Administration (FAA) Mechanic certificate with Airframe and/or Powerplant ratings. This certificate (license) is granted to students who complete the 14 Code of Federal Regulations (CFR) Part 147 program and pass the FAA written and practical oral exams for each rating.

- Courses may be subject to prerequisites.
- Courses include FAA approved Part 147 curriculum and 15 units of general education courses.

Requirements

A&P License or Certificate - 60 units

Students with an AP License or with an AMT Certificate with AP Ratings (or Aviation Program Certificate) may be awarded sixty (60) units after completing 15 required units at EvCC

Required Units

Core Requirements for Aviation Maintenance Technology Long-Term Certificates - 15 units

- ENGL 98 or higher and MATH 86 or higher are prerequisites for the Aviation Maintenance Technology (AMT) courses and should be taken first; with CMST 210, you have a 15-unit quarter.
- ENGL 98 and ENGL 101 are offered in both non-diversity and diversity versions. Be sure to check the Class Schedule on the EvCC website to determine which section you wish to choose. If a course is a diversity class, this is displayed in the Course Attributes within section details.

Required Courses

MATH 86 or higher (See the Quantitative Skills list)

ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
CMST& 210	Interpersonal Communication	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 25 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 75

Outcomes

Non-Discrimination Statement

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Aviation Maintenance Technology Part 147

Overview

FAA Approved Part 147 Curriculum

Airframe and Powerplant License Preparation: 160 units

To work as an aviation maintenance technician, students must possess a Federal Aviation Administration (FAA) Mechanic certificate with Airframe and/or Powerplant ratings. This certificate (license) is granted to students who complete the 14 Code of Federal Regulations (CFR) Part 147 program and pass the FAA written and practical oral exams for each rating.

This curriculum is preparation for the FAA AMT License only. There is no EvCC credential awarded with this. It is not eligible for financial aid.

Aviation Maintenance Technology Certificate and Degree Opportunities

With an AP License or an AMT Certificate with AP Ratings (or Aviation Program Certificate) students may be awarded sixty (60) units after completing 15 or 30 required residency units at EvCC that can be used toward the following:

- Aviation Maintenance Technology Certificate with 15 units of general education courses.
- Aviation Maintenance Technology ATA degree with 30 units of general education courses.
- Aviation Maintenance Technology AAS-T degree with 30 units of general education courses, intended for transfer to a specific university for a bachelor's degree.

Requirements

AMTS (Part 147) Requirements

Admission Requirements

- Minimum 18 years of age
- High School Diploma or equivalent certificate
- Per FAA regulation, ability to read, write, and speak the English language
- Eligibility for ENGL 101 and MATH 86
- Completion of Aviation Information Session within two years of curriculum admission
- Completion of mandatory orientation prior to beginning curriculum

Additional Requirements

- ENGL 98 or ENGL 101 and MATH 86 or higher are required prerequisites
- Grade of a C- or higher (1.7 or 70%) in all AMTS (Part 147) classes
- FAA required hours and coursework

General Quarter 1 - 21 units

Required Courses

AMT& 101	Basic Electricity	5
AMT 102	Basic Electricity	3
AMT& 111	Math and Physics	4
AMT& 141	Aircraft Drawings	2
AMT& 161	Materials and Processes	7

General Quarter 2 - 19 units

Required Courses

AMT 105	Human Factors	2
AMT 180	Troubleshooting Fundamentals	2
AMT& 121	Weight and Balance	2
AMT& 131	Corrosion/Fluid Lines	5
AMT& 151	Operations and Servicing	4
AMT& 171	Federal Aviation Regulations	4

Powerplant Quarter 1 - 20 units

Required Courses

AMT& 251	Reciprocating Engines I	5
AMT& 252	Reciprocating Engines II	5
AMT& 271	Ignition and Start Systems	6

AMT& 275	Lubrication Syst: Recip Eng	4

Powerplant Quarter 2 - 20 units

Required Courses

AMT& 253	Turbine Engines I	5
AMT& 254	Turbine Engines II	5
AMT& 261	Engine Instruments	1
AMT& 265	Engine Fire Protection	1
AMT& 267	Engine Electrical	5
AMT 276	Lubrication Syst: Turbine Eng	3

Powerplant Quarter 3 - 20 units

Required Courses

AMT& 257	Engine Inspection	3
AMT& 279	Engine Fuel Systems	7
AMT& 281	Engine Induction/Cooling	4
AMT& 285	Propellers and Fans	6

Airframe Quarter 1 - 20 units

Required Courses

AMT& 205	Wood, Covers, and Finish	9
AMT& 215	Assembly and Rigging	7
AMT& 235	Navigation Communication	1
AMT& 237	Airframe Fuel Systems	3

Airframe Quarter 2 - 20 units

Required Courses

AMT& 201	Composites	5
AMT& 211	Sheet Metal	10
AMT& 231	Ice and Rain/Fire Systems	3
AMT& 239	Aircraft Electrical	2

Airframe Quarter 3 - 20 units

Required Courses

AMT& 207	Welding	2
AMT& 221	Airframe Inspection	4
AMT& 223	Landing Gear/Hydraulics	9
AMT& 241	Instrument Systems	2
AMT& 245	Cabin Environment	3

Subtotal: 160

Outcomes

Non-Discrimination Statement

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Avionics

Aircraft Electronics Technician ATA

Overview

Aircraft Electronics Technician ATA (AMTAEAPT) Active: Sp 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Note: To work in an FAA-authorized repair station as an avionics technician, students must possess either a National Center for Aerospace Transportation Technologies (NCATT) Aircraft Electronics Technician (AET) certificate, or a Federal Communications Commission (FCC) General Radiotelephone Operator License (GROL). Both the certificate and license are granted to students who complete the two-quarter Avionics program and pass the exams.

The Electronics Technician Certificate (AMTAEC45) that is made up of many individual certificates is stackable within this degree.

Requirements

- **Students Must Be Enrolled Full-Time.**
  - The courses cannot be taken individually.
- All courses must be completed with a grade of C (2.0) or higher.
- Completion of a Diversity Course.
  - Courses are listed in the Class Schedule with a Diversity Class Attribute. The diversity course may also be used to meet degree requirements, such as Communications, depending on the course selected, although the credit will only be counted once.

License or Certification - 60 units

Students may be awarded 60 program units after completion of 30 required units at EvCC who have either an AP License or an AMT Certificate with AP ratings.

Electronics Certificate Requirements

Required Courses		
AVIO 101	Electrical Fundamentals	8
AVIO 102	Electronic Fundamentals	8

Aircraft Troubleshooting Certificate Requirements

Required Courses		
AVIO 103	Aircraft Wiring Systems	2
AVIO 106	Basic Troubleshooting	2
AVIO 204	Adv Avionics Troubleshooting	2

Aircraft Avionics Systems Certificate Requirements

Required Courses

AVIO 201	Aircraft Basic/Electronic Inst	8
AVIO 202	Avionics Systems for A&P	8
AVIO 203	Avionics Communications	2

Aircraft Electronics Technician Certificate Requirements

Required Courses

MATH 141 or higher (See the Quantitative Skills list)

ENGL& 101	English Composition I	5
CMST& 210	Interpersonal Communication	5

Aircraft Electronics Technician ATA Degree Requirements - 10 units

Social Sciences - 5 units

5 units from the DTA Social Sciences Distribution course list

Natural Sciences - 5 units

5 units from the DTA Natural Sciences Distribution course list

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 125

Outcomes

Program Learning Outcomes

- Demonstrate and apply industry-required technical skills and data.

- Demonstrate safe work habits and behavior in aviation, reflecting concern, care, and pride in self, others, equipment, aircraft, and facilities.
- Demonstrate and apply appropriate industry required skills in attendance, character, teamwork, appearance, attitude, productivity, organizational skills, communication, cooperation, respect, and documentary discipline.

Non-Discrimination Statement

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Airframe/Avionics ATA

Overview

Airframe - Avionics ATA (AMTAAAPT) Active: F 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Note: To work in an FAA-authorized repair station as an avionics technician, students must possess either a National Center for Aerospace Transportation Technologies (NCATT) Aircraft Electronics Technician (AET) certificate, or a Federal Communications Commission (FCC) General Radiotelephone Operator License (GROL). Both the certificate and license are granted to students who complete the two-quarter Avionics program and pass the exams.

The Electronics Technician Certificate (AMTAEC45) that is made up of many individual certificates is stackable within this degree.

Requirements

- **Students Must Be Enrolled Full-Time.**
  - The courses cannot be taken individually.
- All courses must be completed with a grade of C (2.0) or higher.
- Completion of a Diversity Course.
  - Courses are listed in the Class Schedule with a Diversity Class Attribute. The diversity course may also be used to meet degree requirements, such as Communications, depending on the course selected, although the credit will only be counted once.

License or Certification - 60 units

Students may be awarded 60 program units after completion of 30 required units at EvCC who have either an AP License, an AMT Certificate with AP ratings, or an Airframe Program Certificate.

Electronics Certificate Requirements

Required Courses

AVIO 101	Electrical Fundamentals	8

AVIO 102	Electronic Fundamentals	8

Aircraft Troubleshooting Certificate Requirements

Required Courses

AVIO 103	Aircraft Wiring Systems	2
AVIO 106	Basic Troubleshooting	2
AVIO 204	Adv Avionics Troubleshooting	2

Aircraft Avionics Systems Certificate Requirements

Required Courses

AVIO 201	Aircraft Basic/Electronic Inst	8
AVIO 202	Avionics Systems for A&P	8
AVIO 203	Avionics Communications	2

Aircraft Electronics Technician Certificate Requirements

Required Courses

MATH 141 or higher (See the Quantitative Skills list)

ENGL& 101	English Composition I	5
CMST& 210	Interpersonal Communication	5

Aircraft Electronics Technician ATA Degree Requirements - 10 units

Social Sciences - 5 units

5 units from the DTA Social Sciences Distribution course list

Natural Sciences - 5 units

5 units from the DTA Natural Sciences Distribution course list

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 125

Outcomes

Program Learning Outcomes

- Demonstrate and apply industry-required technical skills and data.
- Demonstrate safe work habits and behavior in aviation, reflecting concern, care, and pride in self, others, equipment, aircraft, and facilities.
- Demonstrate and apply appropriate industry required skills in attendance, character, teamwork, appearance, attitude, productivity, organizational skills, communication, cooperation, respect, and documentary discipline.

Non-Discrimination Statement

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Aircraft Avionics Systems Certificate

Overview

Aircraft Avionics Systems Certificate (AMTAYC01) Active: F 2023

To work in an FAA-authorized repair station as an avionics technician, students must possess either a National Center for Aerospace Transportation Technologies (NCATT) Aircraft Electronics Technician (AET) certificate, or a Federal Communications Commission (FCC) General Radiotelephone Operator License (GROL). Both the certificate and license are granted to students who complete the two-quarter Avionics program and pass the exams.

This certificate is stackable within the Avionics Technician Certificate and the Aircraft Electronics Technician Certificate.

Requirements

- **Students Must Be Enrolled Full-Time.**
  - The courses cannot be taken individually.
- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses

AVIO 201	Aircraft Basic/Electronic Inst	8
AVIO 202	Avionics Systems for A&P	8
AVIO 203	Avionics Communications	2

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 18

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Aircraft Electronics Technician Certificate

Overview

Aircraft Electronics Technician Certificate (AMTAEC45) Active: F 2023

To work in an FAA-authorized repair station as an avionics technician, students must possess either a National Center for Aerospace Transportation Technologies (NCATT) Aircraft Electronics Technician (AET) certificate, or a Federal Communications Commission (FCC) General Radiotelephone Operator License (GROL). Both the certificate and license are granted to students who complete the two-quarter Avionics program and pass the exams.

This certificate is stackable within the Aircraft Electronics Technician ATA degree.

Requirements

- **Students Must Be Enrolled Full-Time.**
    - The courses cannot be taken individually.
- **All courses must be completed with a grade of C (2.0) or higher.**

Electronics Certificate Requirements

Required Courses

AVIO 101	Electrical Fundamentals	8
AVIO 102	Electronic Fundamentals	8

Aircraft Troubleshooting Certificate Requirements

Required Courses

AVIO 103	Aircraft Wiring Systems	2
AVIO 106	Basic Troubleshooting	2
AVIO 204	Adv Avionics Troubleshooting	2

Aircraft Avionics Systems Certificate Requirements

Required Courses

AVIO 201	Aircraft Basic/Electronic Inst	8
AVIO 202	Avionics Systems for A&P	8
AVIO 203	Avionics Communications	2

Aircraft Electronics Technician Certificate Requirements

Required Courses

MATH 141 or higher (See Quantitative Skills list)

ENGL& 101	English Composition I	5
CMST& 210	Interpersonal Communication	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 18 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 55

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Aircraft Troubleshooting Certificate

Overview

Aircraft Troubleshooting Certificate (AMTAWC01) Active: F 2023

To work in an FAA-authorized repair station as an avionics technician, students must possess either a National Center for Aerospace Transportation Technologies (NCATT) Aircraft Electronics Technician (AET) certificate, or a Federal

Communications Commission (FCC) General Radiotelephone Operator License (GROL). Both the certificate and license are granted to students who complete the two-quarter Avionics program and pass the exams.

This certificate is stackable within the Avionics Technician Certificate and the Aircraft Electronics Technician Certificate.

Requirements

- **Students Must Be Enrolled Full-Time.**
  - The courses cannot be taken individually.
- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
AVIO 103	Aircraft Wiring Systems	2
AVIO 106	Basic Troubleshooting	2
AVIO 204	Adv Avionics Troubleshooting	2

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 2 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 6

Outcomes

Non-Discrimination Statement

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Avionics Technician Certificate

Overview

Avionics Technician Certificate (AMTATC20) Active: F 2023

To work in an FAA-authorized repair station as an avionics technician, students must possess either a National Center for Aerospace Transportation Technologies (NCATT) Aircraft Electronics Technician (AET) certificate, or a Federal Communications Commission (FCC) General Radiotelephone Operator License (GROL). Both the certificate and license are

granted to students who complete the two-quarter Avionics program and pass the exams.

This certificate is stackable within the Aircraft Electronics Technician Certificate.

Requirements

- **Students Must Be Enrolled Full-Time.**
  - The courses cannot be taken individually.
- **All courses must be completed with a grade of C (2.0) or higher.**

Electronics Certificate Required Courses

Required Courses		
AVIO 101	Electrical Fundamentals	8
AVIO 102	Electronic Fundamentals	8

Aircraft Troubleshooting Certificate Requirements

Required Courses		
AVIO 103	Aircraft Wiring Systems	2
AVIO 106	Basic Troubleshooting	2
AVIO 204	Adv Avionics Troubleshooting	2

Aircraft Avionics Systems Certificate Requirements

Required Courses		
AVIO 201	Aircraft Basic/Electronic Inst	8
AVIO 202	Avionics Systems for A&P	8
AVIO 203	Avionics Communications	2

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 13 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 40

Outcomes

Non-Discrimination Statement

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EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Electronics Certificate

Overview

Electronics Certificate (AMTAEC01) Active: Sp 2023

To work in an FAA-authorized repair station as an avionics technician, students must possess either a National Center for Aerospace Transportation Technologies (NCATT) Aircraft Electronics Technician (AET) certificate, or a Federal Communications Commission (FCC) General Radiotelephone Operator License (GROL). Both the certificate and license are granted to students who complete the two-quarter Avionics program and pass the exams.

This certificate is stackable within the Avionics Technician Certificate and the Aircraft Electronics Technician Certificate.

Requirements

- **Students Must Be Enrolled Full-Time.**
  - The courses cannot be taken individually.
- Complete the following with a grade of C (2.0) or higher.

Required Courses		
AVIO 101	Electrical Fundamentals	8
AVIO 102	Electronic Fundamentals	8

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 16

Outcomes

Non-Discrimination Statement

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Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Biology

Biology AS-T

Overview

Biology AS-T (LRST1AS AST1-BIOL) Active: W 2022

The Associate in Science - Transfer (AS-T) degree is designed for students majoring in sciences, computer science and engineering who wish to transfer to a Washington college or university.

- This is the AS-T in Biological, Environ/Resource, Chemistry, Geology and Earth Sciences, Track 1, **Biology Concentration.**

Students earning this degree will normally transfer with junior standing and about half of the lower division general education requirements of the baccalaureate colleges and universities. Remaining general education courses may be taken after transfer and prior to completion of a baccalaureate degree. This degree enables students to concentrate on fulfilling pre-major coursework in their intended field of study.

Requirements

- Though courses in a foreign language are not required in the Associate of Science degree, some universities may require two or three quarters of foreign language for admission or for graduation.
- Completion of required and recommended courses will result in more than 90 units being earned for the degree. The advantage is that the completion of these courses will enable you to progress more efficiently in your major at a university. Alternatively, some of the more advanced courses may be done at the university instead.
- Please consult with an advisor to decide the best option for you is the AS-T in Biology.
- Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher.
- Students who initially place in a high-level math course do not need to take math courses below that level.
- Science sequences (ex PHYS 114-116) should not be broken up between institutions.

Potential Prerequisites

- Prior to starting some of the following courses, students will need to complete ENGL 98 or place into or have taken ENGL 101.
- Prior to starting some of the following courses, students will need to complete the Math prerequisite sequence (MATH 76, MATH 86, MATH 96, MATH 141, MATH 142) or place into or have taken MATH 151 or higher.
- Prior to CHEM 161, complete CHEM 140 or place into CHEM 161 or higher.
- BIOL 221 may be taken after or concurrently with CHEM 161. High school biology or BIOL 100 is also required.
- BIOL 222 and 223 must be taken after CHEM 161.
- CHEM& 261, 262, 263 are offered in a sequence of Fall, Winter, Spring only; students must start in the Fall.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college

coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units minimum

Only 5 units of Communication Skills are required, but 10 units are recommended. More units will be required at the university level. ENGL 102 (English Composition II) is recommended. Work with your program advisor to determine if you need this or if it can be waived.

Required Course

ENGL& 101	English Composition I	5

Mathematics - 15 units

Required Course

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5

Humanities and Social Sciences - 15 units total

No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

A World Language is recommended. Transfer institutions require a total of 2-3 quarters of a World Language. UW requires 3 quarters of foreign language for all majors; 2 quarters to be admitted and 3 to graduate (or years in high school).

If you have not taken a Diversity class in another category, be sure to take one here.

Required Courses

5 units from the DTA Humanities Distribution course list

5 units from the DTA Social Sciences Distribution course list

5 units from either of the DTA Humanities or Social Sciences Distribution course lists

Natural Science Courses - 57.5 units

Required Courses

BIOL& 221	Majors Ecology/Evolution	6
BIOL& 222	Majors Cell/Molecular	6
BIOL& 223	Majors Organismal Physiology	6
CHEM& 161	General Chemistry I with Lab	5.5
CHEM& 162	General Chemistry II with Lab	5.5
CHEM& 163	General Chemistry III with Lab	5.5
CHEM& 261	Organic Chem W/Lab I	6
CHEM& 262	Organic Chemistry II with Lab	6
CHEM& 263	Organic Chemistry III with Lab	6
BIOL 130	Marine Biology Pacific NW	5
	Or	

BOT 113	Plants of the Pacific NW	5
	Or	
MATH& 264	Calculus 4	5
	Or	
PHYS& 114	General Physics I	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 94.5

Outcomes

Program Learning Outcomes

- Apply quantitative analysis to solve problems: students will utilize quantitative and graphical analyses to describe biological processes and solve problems posed in assignments.
- Apply the Scientific Method: in reports and presentations, students will demonstrate the application of the scientific method to explain biological processes encountered in classroom, laboratory, and field projects.
- Critically evaluate the science-related content in reports, popular media, and public policy: students will read assigned articles, books, and online resources, and evaluate these sources in the context of the life sciences topics presented in class.
- Effectively communicate scientific processes: students will use the results obtained from experiments, demonstrations, discussions, and field work to produce written reports and oral presentations.

Non-Discrimination Statement

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ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Business and Business Administration

Business - Associate in Business DTA (MRP)

Overview

Business DTA (BUCBUAA), Active Sp 2022

The Associate in Business DTA (MRP) is for students pursuing a bachelor's degree in fields such as accounting, business administration, entrepreneurship, finance, hospitality management, management, or marketing, and allows them to complete the first half of their university requirements.

This degree fulfills general undergraduate requirements and enables students to transfer with junior standing to a university school of business. It also aligns with statewide transfer guidelines for Washington State colleges and universities, though additional admission requirements may apply depending on the institution.

- Everett Community College (must also complete ACCT 250 in addition to the courses for this degree)
- Central Washington University
- Eastern Washington University
- Gonzaga University
- Heritage University
- Pacific Lutheran University
- Saint Martin's University
- Seattle Pacific University
- Seattle University
- University of Washington
- Walla Walla University
- Washington State University
- Western Washington University
- Whitworth University

Students should contact the Universities they would like to transfer to have any additional admission requirements identified by that specific institution.

Requirements

To complete this degree, students must:

- Successfully complete a minimum of 90 applicable units as listed below.
- Take courses consistent with the statewide agreement posted on the SBCTC website.
- Earn a minimum cumulative GPA of 2.0.
- Students must earn a C grade (2.0) or better in all required courses. Courses may be subject to prerequisites.
- College Success, when required, will count as 2 elective units. Students completing this degree as a Running Start Student or students holding a previously earned 2- or 4-year degree are not required to take COLL 101 and will require 2 additional elective units.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course (minimum grade 1.0)

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 10 units

Select courses from the DTA Approved Communication Skills course list. At least 5 units must be earned in English Composition I.

- These courses must be completed with a grade of C (2.0) or higher.

Required Courses (minimum grade 2.0)

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5

Quantitative Skills - 10 units

Select courses from the DTA Approved Quantitative Skills course list. The institution(s) you are looking to transfer to may require different Quantitative Skills courses. Be sure to verify the requirements of the transfer institution(s).

Required Courses (minimum grade 2.0)

MATH 138 or higher - 5 units from the DTA Quantitative Skills course list

Required Courses (minimum grade 2.0)

MATH 148 or higher - 5 units from the DTA Quantitative Skills course list

Humanities Distribution - 15 units

Select courses from the DTA Approved Humanities course list. Courses must be from 2 different disciplines. Note: All World Languages count as 1 discipline. No more than 5 Humanities Performance (HP) units or 5 100-level World Language (WL) units may be used to fulfill this requirement. Any additional Humanities units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses (minimum grade 1.0)

15 units from the DTA Humanities Distribution course list

Social Sciences Distribution - 15 units

Select courses from the DTA Approved Social Sciences course list. Courses must be from 2 different disciplines. Any additional Social Science units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses (minimum grade 2.0)

ECON& 201	Micro Economics	5
ECON& 202	Macro Economics	5

Required Course (minimum grade 1.0)

5 units from the DTA Social Sciences Distribution course list

Natural Sciences Distribution - 15 units

Select courses from the DTA Approved Natural Sciences course list. Courses must be from 2 different disciplines. You must have at least 1 *Lab Science* course. No more than 5 units from *Part C: Other Science* courses may be used to fulfill this requirement. Any additional Natural Science units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

The institution(s) you are looking to transfer to may require different Natural Science courses. Be sure to verify the requirements of the transfer institution(s).

Required Course (minimum grade 2.0)

MATH& 146	Intro to Statistics	5

Required Courses (minimum grade 1.0)

10 units from the DTA Approved Natural Sciences course list

At least 1 Natural Science - Lab is required.

Required Business-Specific Electives - 20 units

Required Courses (minimum grade 2.0)

ACCT& 201	Principles of Accounting I	5
ACCT& 202	Principles of Accounting II	5
ACCT& 203	Principles of Accounting III	5
BUS& 201	Business Law	5

Electives - 3 units

You must complete 3 units from 100-level or higher courses. If College Success is not required, this will increase to 5.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Describe the multiple contexts of business - social, cultural, economic, and legal - within a sustainable domestic and global environment.
- Evaluate and process quantitative and symbolic data.
- Define how elements of the legal environment impact business.
- Demonstrate the ability to effectively plan and to communicate orally and in writing.
- Apply appropriate technology and frameworks to input, manage, and interpret business information.
- Record transactions and prepare financial statements for a business entity.

Non-Discrimination Statement

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Business Administration ATA

Overview

Business Administration ATA (BAMBAAPT) Active Sp 2024

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Requirements

Students must earn a C grade (2.0) or better in all courses except Electives, where a 1.0 (D) or higher is required.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course		
COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Business Administration Certificate Requirements - 40 units

Required Courses		
BUS& 101	Intro to Business	5
BUS 110	Business Communications	5
BUS 150	Principles of Marketing	5
BUS 200	Principles of Management	5
ACCT 110	Small Business Accounting	5
	Or	
ACCT& 201	Principles of Accounting I	5
CL 101	Intro to Computer Applications	5
BUS 165	Found of Leadership & Service	5
BT 242	Excel	5

Core Degree Requirements - 28 units

Required Courses		
BUS 130	Business Computations	5
BUS& 201	Business Law	5
ECON& 201	Micro Economics	5
	Or	
ECON& 202	Macro Economics	5
	Or	
ECON 101	Understanding Economics	5
ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5

BUS 135	Introduction to Data Analytics	3
BUS 261	Integrated Business Projects	5

Program Electives - 20 units

Choose your electives based on your area of interest.

- **General Business:** BUS 104, BUS 105, BUS 295, BUS 131, BUS 230
- **Accounting:** ACCT 112, ACCT 113, ACCT 210, ACCT 215, ACCT 201, ACCT 202, ACCT 203
- **Business Technology:** BT 243, BT 219, CL 110
- **Communications:** CMST 220 or CMST 230
- **Economics:** ECON 201, ECON 202
- **Information Technology:** IT 101

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Demonstrate critical thinking, analytical, and quantitative skills in making decisions and completing assignments independently and/or as a dependable team member.

- Apply appropriate technology to input, manage, and interpret business information.
- Demonstrate the ability to effectively plan and to communicate orally and in writing using multiple expressive modes.
- Describe the multiple contexts of business—social, cultural, economic, and/or legal—within a global environment and with commitment to community.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Business Administration Certificate

Overview

Business Administration Certificate (BAMBAC20), Active F 2023

This certificate is stackable within the Business Administration ATA.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
BUS& 101	Intro to Business	5
BUS 110	Business Communications	5
BUS 150	Principles of Marketing	5
BUS 200	Principles of Management	5
ACCT 110	Small Business Accounting	5
	Or	
ACCT& 201	Principles of Accounting I	5
CL 101	Intro to Computer Applications	5
BUS 165	Found of Leadership & Service	5
BT 242	Excel	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 13 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0,

fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 40

Outcomes

Non-Discrimination Statement

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Chemistry

Chemistry AS-T

Overview

Chemistry AS-T (LRST1AS AST1-CHEM) Active: W 2023

The Associate in Science - Transfer (AS-T) degree is designed for students majoring in sciences, computer science and engineering who wish to transfer to a Washington college or university.

- This is the AS-T in Biological, Environ/Resource, Chemistry, Geology and Earth Sciences Track 1, **Chemistry Concentration.**

Students earning this degree will normally transfer with junior standing and about half of the lower division general education requirements of the baccalaureate colleges and universities. Remaining general education courses may be taken after transfer and prior to completion of a baccalaureate degree. This degree enables students to concentrate on fulfilling pre-major coursework in their intended field of study.

Requirements

- Though courses in a foreign language are not required in the Associate of Science degree, some universities may require two or three quarters of foreign language for admission or for graduation.
- Completion of required and recommended courses will result in more than 90 units being earned for the degree. The advantage is that the completion of these courses will enable you to progress more efficiently in your major at a university. Alternatively, some of the more advanced courses may be done at the university instead.
- Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher.
- Students who initially place in a high-level math course do not need to take math courses below that level.
- Science sequences (ex PHYS 114-116) should not be broken up between institutions.

Potential Prerequisites

- Prior to starting some of the following courses, students will need to complete ENGL 98 or place into or have taken ENGL 101.

- Prior to starting some of the following courses, students will need to complete the Math prerequisite sequence (MATH 76, MATH 86, MATH 96, MATH 141, MATH 142) or place into or have taken MATH 151 or higher.
- Prior to CHEM 161, complete CHEM 140 or place into CHEM 161 or higher.
- BIOL 221 may be taken after or concurrently with CHEM 161. High school biology or BIOL 100 is also required.
- BIOL 222 and 223 must be taken after CHEM 161.
- CHEM& 261, 262, 263 are offered in a sequence of Fall, Winter, Spring only; students must start in the Fall.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units

Required Course

ENGL& 101	English Composition I	5

Mathematics - 15 units

Required Course

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5

Humanities and Social Sciences - 15 units total

No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

ART 110, ART H 124, BUS 101, CMST 210, CMST 220, PHIL 114, and PSYC 100 are recommended

Required Courses

5 units from the DTA Humanities Distribution course list

5 units from the DTA Social Sciences Distribution course list

5 units from either of the DTA Humanities or Social Sciences Distribution course lists

Natural Science Courses - 51 units

Required Courses

CHEM& 161	General Chemistry I with Lab	5.5
CHEM& 162	General Chemistry II with Lab	5.5
CHEM& 163	General Chemistry III with Lab	5.5
CHEM& 261	Organic Chem W/Lab I	6
CHEM& 262	Organic Chemistry II with Lab	6
CHEM& 263	Organic Chemistry III with Lab	6

PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5
	Or	
BIOL& 221	Majors Ecology/Evolution	6
PHYS& 242	Engineering Physics II	4
	And	
PHYS& 232	Engineering Physics II Lab	1.5
	Or	
BIOL& 222	Majors Cell/Molecular	6
PHYS& 243	Engineering Physics III	4
	And	
PHYS& 233	Engineering Physics III Lab	1.5
	Or	
BIOL& 223	Majors Organismal Physiology	6

Electives - 5 units required

Required Course

5 units from any 100-level or higher course. MATH 264 is recommended.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 31 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 93

Outcomes

Program Learning Outcomes

- Apply quantitative analysis to solve problems: students will utilize quantitative and graphical analyses to describe biological processes and solve problems posed in assignments.
- Apply the Scientific Method: in reports and presentations, students will demonstrate the application of the scientific method to explain biological processes encountered in classroom, laboratory, and field projects.
- Critically evaluate the science-related content in reports, popular media, and public policy: students will read assigned articles, books, and online resources, and evaluate these sources in the context of the life sciences topics presented in class.
- Effectively communicate scientific processes: students will use the results obtained from experiments, demonstrations, discussions, and field work to produce written reports and oral presentations.

Non-Discrimination Statement

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Communication Studies

Communication Studies - AAS-DTA with an Emphasis in Communication Studies

Overview

Communication Studies Emphasis, AAS-DTA (LASDTAA) Active: Su 2025

The Associate in Arts and Sciences Direct Transfer Agreement Degree (AAS-DTA) with an Emphasis in Communication Studies is designed for students planning to transfer to a four-year college or university as Communication Studies majors.

By completing this emphasis, students will:

- Fulfill all major-ready requirements for UW, WSU, WWU, and other Washington universities.
- Gain a strong foundation in communication theory, teamwork, and public speaking.
- Be prepared for success in a four-year institution as a Communication Studies major.

The Communication Studies Emphasis requires specified courses that count toward both the AAS-DTA and the emphasis itself.

- The general AAS-DTA degree can still be earned without this emphasis with different course options.
- To stay on track, students should keep an updated AAS-DTA degree plan and work closely with their Academic Advisor to ensure all coursework aligns with their transfer goals.

This emphasis is a great choice for students who want to strengthen their communication skills while ensuring a smooth transition to a four-year university.

Emphasis courses include 25 units from Communication Studies (CMST) and additional recommendations for other courses to meet DTA Distribution areas, including 20 CMST units at the 200 level. Students may transfer courses and/or substitute other courses identified as Communication Studies or Speech not listed below with approval from the Communication Studies Department faculty. For example, a student may transfer in *Organizational Communication* from Bellevue. We don't offer that course at this time but will accept it as a replacement for CMST 230. Requests for an Adjustment to the required CMST courses should be submitted to the Communication Studies Department for approval.

Students who transfer to a university and major in Communication Studies will most likely specialize in a more specific communication area of study. Common career or specialization areas are:

- **Communication in Human Relationships:** Interpersonal, Intercultural, Group, Leadership, and Family Communication
- **Organizational Communication:** Business, Public Relations, Professional Communication
- **Rhetoric Public Advocacy:** Law, Speech Writing, Political Science
- **Health Communication:** Informatics Health Campaigns, Health Professional Communication
- **Mass Media Emerging Technologies:** Journalism, New Media, Web Design, Social Media

Recommended distribution elective courses in the **Communication Studies Emphasis** will help students explore some of these areas of specialization.

Requirements

Students may transfer courses and/or substitute other courses identified as Communication Studies or Speech not listed below with approval from the Communication Studies Department faculty.

Many courses in this plan are listed across multiple distribution areas. While a course may meet more than one requirement, it can only be counted once toward the degree.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 10 units

Required Courses

ENGL& 101	English Composition I	5
CMST& 220	Public Speaking	5

Quantitative Skills - 5 units

Select courses from the DTA Approved Quantitative Skills course list. The institution(s) you are looking to transfer to may require different Quantitative Skills courses. Be sure to verify the requirements of the transfer institution(s).

Required Course

5 units from the DTA Quantitative Skills course list

MATH 138 is recommended. MATH 107, MATH 141, PHIL 120, or MATH 146 is suggested.

Humanities Distribution - 15 units

Select courses from the DTA Approved Humanities course list. Courses must be from 2 different disciplines. Note: All World Languages count as 1 discipline. No more than 5 Humanities Performance (HP) units or 5 100-level World Language (WL) units may be used to fulfill this requirement. Any additional Humanities units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses

10 units from the DTA Humanities Distribution course list

ART H 124 (D, H), JOURN 101 (H), PHOTO 110 (HP) are recommended.

ENGL 180 (H), ENGL 240 (H), GS 105 (H), HIST 103 (H, SS), HIST 215 (H, SS), HUM 110 (H, SS), HUM 150 (H) and HUM 200 (H, SS), JOURN 110 (HP), PHIL 115 (H), MUSC 110 (D, H), and any world language are suggested.

CMST& 210	Interpersonal Communication	5

Social Sciences Distribution - 15 units

Select courses from the DTA Approved Social Sciences course list. Courses must be from 2 different disciplines. Any additional Social Science units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses

10 units from the DTA Social Sciences Distribution course list

BUS 201 (SS), PSYC 100(SS), SOC 101 (SS), PHIL 215, POLS 101 are recommended.

ANTH 116 (D, SS), GS 101 (D, SS), GEOG 102 (D, SS), GEOG 201 (D, SS), HUM 110 (D, H, SS), HUM 200 (D, H, SS), POLS 210 (D, SS) are suggested.

CMST& 230	Small Group Communication	5

Natural Sciences Distribution - 15 units

Select courses from the DTA Approved Natural Sciences course list. Courses must be from 2 different disciplines. You must have at least 1 *Lab Science* course. No more than 5 units from *Part C: Other Science* courses may be used to fulfill this requirement. Any additional Natural Science units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

The institution(s) you are looking to transfer to may require different Natural Science courses. Be sure to verify the requirements of the transfer institution(s).

Required Courses

15 units from the DTA Natural Sciences Distribution course list

Non-lab classes BIOL 105 (NS), NAT S 103 (NS), ANTH 115 (NS), NUTR 101 (NS), CS 110 (NSC), PHIL 120 (NSC), MATH 138 (NSC) are suggested. Remember, No more than 5 units of Natural Science Part C may be used.

Lab classes ENVS 101 (NSL), ANTH 215 (NSL), STEM 102 (NSL), GEOG 205 (NSL), GEOL 102 (NSL), GEOL 104 (NSL),

GEOL 108 (NSL) or higher, NUTR 180 (NSL) are suggested.

Electives - 28 units total

A total of 28 units must be completed in electives.

- 15 units must be selected from Communication Skills, Quantitative Skills, Humanities, Social Sciences, Natural Sciences, or List A Transfer Electives.
- 13 units may be selected from those OR from List B Applied Electives.
- No more than 3 PEHW activity units may be used.
- College Success is a List B Elective. If this is not required, Electives will increase to 30 units total with no more than 15 List B units.

Recommendations: Any CMST course not yet taken, any suggested Humanities or Social Science courses, GRAPH 110, GRAPH 133, GRAPH 172, JOURN 170, PSYC 240, SOC 248, or 2-3 World Language quarters.

Required Courses

5 units from the Communications, Quantitative Skills, Humanities, Social Sciences, Natural Sciences Distributions, or List A Transfer Electives course list

13 units from those OR from any List B Applied Electives (100-level courses or higher)

CMST& 102	Introduction to Mass Media	5
CMST& 240	Intercultural Communication	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

AAS-DTA Program Learning Outcomes

Communication Skills

- Use diverse rhetorical strategies to optimize communication effectiveness.
- Critically analyze messages across diverse contexts.
- Apply ethical principles to the analysis and creation of messages.

Quantitative Skills

- Construct a logical argument to support a conclusion.
- Manipulate and communicate symbolic language.

Humanities

- Demonstrate an understanding of the diversity of human experience and expression.
- Engage in sustained qualitative, creative, and critical explorations.

Social Sciences

- Use evidence-based research to study individual and collective human behavior.
- Understand how diverse experiences, perspectives, cultures, and social systems shape human interactions.

Natural Sciences

- Apply mathematical or scientific reasoning to STEM topics.
- Learn about and/or apply the scientific method in a laboratory setting.

Communications Studies Emphasis Outcomes

- Introduced to communication theories, perspectives, principles, and concepts.
- Learn to ask the “Why” questions surrounding communication contexts and relationships (Engage in Communication inquiry).
- Create messages appropriate to the audience/relationship, purpose, and context.
- Critically analyze their communication and the messages of others.
- Apply ethical communication principles and practices (see the National Communication Association’s Ethical Communication Credo).
- Utilize communication to embrace differences, recognizing the dignity and shared humanity of all people.

Non-Discrimination Statement

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status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Composites

AMT in Composites ATA

Overview

Advanced Manufacturing Technology in Composites ATA (PETACAPT) Active: Sp 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

The courses required for an Associate in Technical Arts Degree in Advanced Manufacturing Technology in Composites are listed below. This degree requires 92 units. To earn this degree, a cumulative GPA of 2.0 or higher must be maintained.

Related Instruction - 15 units

5 units from ENG T 101 or MATH/TS 86 or higher (See Quantitative Skills list)

Required Courses

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5

Note: BUS 110 is recommended.

Common Technical Requirements - 32 to 33 units

Required Courses

MFG T 100	Success & Safety	5
MFG T 117	Blueprint Reading & Schematics	3

ENG T 111	Intro Engineering Tech Design	5
CT 101	Intro to Composites	5
	Or	
CT 145	Composite Special Projects	5
	Or	
MFG T 107	Machining with Mastercam	4
	Or	
MFG T 113	CNC Cutting Solutions	5
MFG T 101	Introduction to Machining	5
	Or	
MFG T 113	CNC Cutting Solutions	5
MECH 119	Introduction to Robotics	5
	Or	
MECH 120	Electrical Components	5
	Or	
MECH 121	Mechanical Components	5
	Or	
MECH 122	Elec-Pneumatic Ctrl Circuits	5
	Or	
MECH 124	Controls and Instrumentation	5
WELD 101	Introduction to Welding	5
	Or	
WELD 150	Blueprint Reading for Industry	5
	Or	
WELD 160	Intro Weld Nondestructive Test	5
	Or	
WELD 161		
	Or	
WELD 162		
	Or	
WELD 163		
	Or	
WELD 164	Ultrasonic Testing Level I	5
	Or	
WELD 190	Oxy-acetylene Welding/Cutting	5
	Or	
WELD 191	Basic Arc Welding	5
	Or	
WELD 192	Advanced Arc Welding	5
	Or	
WELD 193	Basic Pipe Welding	5
	Or	
WELD 194	Gas Tungsten Arc Welding	5
	Or	
WELD 195	Gas Metal Arc Welding	5
	Or	
WELD 196	Flux Core Arc Welding	5
	Or	
WELD 205	Fab Workshop Improvement	5

	Or	
WELD 210	Heavy Plate Fabrication	5
	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	
WELD 213	Practical Fab and Adv Welding	5
	Or	
WELD 217	Aerospace Sheet Metal Fab	5
	Or	
WELD 231	Welding Capstone	5
	Or	
WELD 285	CNC Plasma/Waterjet Cutting	5
	Or	
WELD 291	Basic Arc Welding 2	5
	Or	
WELD 292	Advanced Arc Welding 2	5
	Or	
WELD 294	Gas Tungsten Arc Welding 2	5
	Or	
WELD 296	Flux Core Arc Welding 2	5

Composites Technical Core Requirements - 40 units

Required Courses

CT 102	Composite Technology 1	20
CT 203	Composite Technology 2	20

Capstone Project Requirements - 5 units

Required Course

MFG T 229	Manufacturing Team Project	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 92

Outcomes

Program Learning Outcomes

- Solve technical mathematical problems (such as fiber resin ratio).
- Learn basic hand skills for the layup of composites materials using fiberglass, carbon fiber, epoxy, and polyester resin.
- Design molds and forms for the layup of fiberglass and carbon fiber materials.
- Build and vacuum bag composite materials for room temperature cure and oven cure materials.
- Create projects in composite materials showing how surface energy is increased and decreased.
- Design for producibility and manufacturing ease.
- Document technical activities in written and verbal reports.
- Be prepared for successful employment.

Non-Discrimination Statement

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Aerospace Composites Foundations Certificate

Overview

Aerospace Composites Foundations Certificate (PETAFC01), Active: F 2014

This certificate may be considered a stand-alone credential for people seeking to enter the composite manufacturing field, or as the first level of a stackable set of certificates in the degree pathway of the Advanced Manufacturing Tech - Composites Associate in Technical Arts degree

Requirements

- **Complete the following with a grade of C (2.0) or higher.**

Required Course

CT 101	Intro to Composites	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 5

Outcomes

Non-Discrimination Statement

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Aerospace Composites Technician Certificate

Overview

Aerospace Composites Technician Certificate (PETATC20) Active: W 2017

This certificate may be considered a stand-alone credential for people seeking to enter the composite manufacturing field, or as the first level of a stackable set of certificates in the degree pathway of the Advanced Manufacturing Tech - Composites Associate in Technical Arts degree.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses

CT 102	Composite Technology 1	20
CT 203	Composite Technology 2	20

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 13 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all

certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 40

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Cosmetology

Cosmetology ATA

Overview

Cosmetology ATA (CSMCOAPT) Active: Su 2025

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Note: In order to work as a Cosmetologist or Hair Designer, students must possess a Washington state Cosmetology or Hair Design license This license is granted to students who complete the program, acquire 1730 cosmetology hours or 1500 hair design hours and pass the Washington State Licensure exam for Cosmetology or Hair Design.

Requirements

A grade of C (2.0) or higher is required in all courses.

Cosmetology Certificate Requirements (the base of the ATA)

In your starting quarter, take COSMT 211 and one of COSMT 110, COSMT 111, or COSMT 112. Also take one of COSMT 102, H DEV 155, or MATH 60. The others will be taken in subsequent quarters. If you are attending part-time, work with your advisor.

As you continue, you will take the following courses, as well as the ones mentioned above that have not yet been taken: COSMT 212, COSMT 213, COSMT 214, and COSMT 215, as well as COSMT 216, COSMT 217, COSMT 218, and COSMT 219.

- COSMT 211 is offered Fall, Winter, and Spring quarters.
- COSMT 110, COSMT 111, or COSMT 112 are offered on a rotating basis.
- COSMT 102 is only offered Winter quarter.
- H DEV 155 is offered all quarters but is usually taken Fall quarter.
- MATH 60 is only offered Spring quarter.

- COSMT 212 is only offered Spring quarter.
- COSMT 213 is only offered Winter quarter.
- COSMT 214 is only offered Fall quarter.
- COSMT 215 is only offered Summer quarter.

Required Courses

COSMT 211	Cosmetology Basic Skills	10-20
COSMT 110	Trichology, Dermatology	5
COSMT 111	Salon Management	5
COSMT 112	Salon Safety/Chem/Elec	5
COSMT 102	Salon Communications	3
H DEV 155	Hum Relations in the Workplace	3
MATH 60	Prof/Tech Math - Cosmt	3
COSMT 212	Advanced Color Lab	3
COSMT 213	Men's Haircutting Design	3
COSMT 214	Advanced Haircutting	3
COSMT 215	Textured Hair Services Lab	3
COSMT 216	Cosmetology Practice VI	8-20
COSMT 217	Cosmetology Practice VII	8-20
COSMT 218	Cosmetology Pract VIII	8-20
COSMT 219	Cosmetology Practice IX	8-20

Note: COSMT 120 is Designed for fifth quarter students preparing for the Washington State Written Licensure Exam. It provides theoretical review of facts from previous Cosmetology courses in preparation for in-house computerized exams before applying for WA State Board examination.

Compendium

COSMT 120	Cosmetology Compendium	3

Additional Cosmetology ATA Requirements

Required Courses

BUS 110	Business Communications	5
BUS 130	Business Computations	5
CMST& 210	Interpersonal Communication	5

Cosmetology Hours

Students need to acquire 1730 cosmetology hours or 1500 hair design hours as part of the Washington State licensure process. COSMT 206 - Lab/Shop Practice VI - may be used to complete unmet required program clock hours.

Be sure to discuss requirement needs with your program advisor. COSMT 206 may also be used to complete curriculum requirements or special interest projects. COSMT 206 is an additional quarter and may be optional.

Cosmetology Hours

COSMT 206	Lab/Shop Practice VI	1-17.5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 154

Outcomes

Program Learning Outcomes

- Perform hair care services for all types of hair including hair analysis, hair cutting, hairstyling, hair coloring and lightening, permanent waving, and chemical relaxing.
- Perform natural nail services including manicuring and pedicuring.
- Perform basic skin care services including skin analysis, facials, makeup application and superfluous hair removal.
- Demonstrate customer service skills, self-growth, and personal development.
- Perform salon business such as front desk operations, dispensary inventory and loss prevention, resume building and interviewing skills, self-marketing, and the basic knowledge of starting one's own salon business.
- To have the knowledge of decontamination control, public hygiene and special sanitation procedures used for the protection of the client and the operator.
- Possess the necessary skills to pass the Washington State licensure written and practical exams required for a professional license to work in the Cosmetology industry.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Cosmetology Certificate

Overview

Cosmetology Certificate (CSMCOC90) Active: Su 2025

To work as a Cosmetologist or Hair Designer, students must possess a Washington state Cosmetology or Hair Design license. This license is granted to students who complete the program, acquire 1730 cosmetology hours or 1500 hair design hours and pass the Washington State Licensure exam for Cosmetology or Hair Design.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**
- If you are attending part-time, be sure to work with your advisor.

In your starting quarter, take COSMT 211 and one of COSMT 110, COSMT 111, or COSMT 112. Also take one of COSMT 102, H DEV 155, or MATH 60. The others will be taken in subsequent quarters. If you are attending part-time, work with your advisor.

As you continue, you will take the following courses, as well as the ones mentioned above that have not yet been taken: COSMT 212, COSMT 213, COSMT 214, and COSMT 215, as well as COSMT 216, COSMT 217, COSMT 218, and COSMT 219.

- COSMT 211 is offered Fall, Winter, and Spring quarters.
- COSMT 110, COSMT 111, or COSMT 112 are offered on a rotating basis.
- COSMT 102 is only offered Winter quarter.
- H DEV 155 is offered all quarters but is usually taken Fall quarter.
- MATH 60 is only offered Spring quarter.
- COSMT 212 is only offered Spring quarter.
- COSMT 213 is only offered Winter quarter.
- COSMT 214 is only offered Fall quarter.
- COSMT 215 is only offered Summer quarter.

Required Courses

COSMT 211	Cosmetology Basic Skills	10-20
COSMT 110	Trichology, Dermatology	5
COSMT 111	Salon Management	5
COSMT 112	Salon Safety/Chem/Elec	5
COSMT 102	Salon Communications	3
H DEV 155	Hum Relations in the Workplace	3
MATH 60	Prof/Tech Math - Cosmt	3
COSMT 212	Advanced Color Lab	3
COSMT 213	Men's Haircutting Design	3
COSMT 214	Advanced Haircutting	3
COSMT 215	Textured Hair Services Lab	3
COSMT 216	Cosmetology Practice VI	8-20
COSMT 217	Cosmetology Practice VII	8-20
COSMT 218	Cosmetology Pract VIII	8-20
COSMT 219	Cosmetology Practice IX	8-20

Note: COSMT 120 is Designed for fifth quarter students preparing for the Washington State Written Licensure Exam. It provides theoretical review of facts from previous Cosmetology courses in preparation for in-house computerized exams before applying for WA State Board examination.

Compendium

COSMT 120	Cosmetology Compendium	3

Cosmetology Hours

Students need to acquire 1730 cosmetology hours or 1500 hair design hours as part of the Washington State licensure process. COSMT 206 - Lab/Shop Practice VI - may be used to complete unmet required program clock hours.

Be sure to discuss requirement needs with your program advisor. COSMT 206 may also be used to complete curriculum requirements or special interest projects. COSMT 206 is an additional quarter and may be optional.

Cosmetology Hours

COSMT 206	Lab/Shop Practice VI	1-17.5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 91-139

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Hair Design Certificate

Overview

Hair Design Certificate (HSHHDC45) Active: Su 2025

To work as a Cosmetologist or Hair Designer, students must possess a Washington state Cosmetology or Hair Design license This license is granted to students who complete the program, acquire 1730 cosmetology hours or 1500 hair design hours and pass the Washington State Licensure exam for Cosmetology or Hair Design.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

- If you are attending part-time, be sure to work with your advisor.

In your starting quarter, take CHD 211 and one of take one of CHD 110, COSMT 111, or COSMT 112. The others will be taken in subsequent quarters. Also take one of COSMT 102, H DEV 155, or MATH 60. The others will be taken in subsequent quarters. In the quarters you are taking

As you continue, you will take the following courses, as well as the ones mentioned above that have not yet been taken: COSMT 212, COSMT 213, COSMT 214, and COSMT 215, as well as COSMT 216, COSMT 217, COSMT 218, and COSMT 219.

- COSMT 211 is offered Fall, Winter, and Spring quarters.
- COSMT 110, COSMT 111, or COSMT 112 are offered on a rotating basis.
- COSMT 102 is only offered Winter quarter.
- H DEV 155 is offered all quarters but is usually taken Fall quarter.
- MATH 60 is only offered Spring quarter.
- COSMT 212 is only offered Spring quarter.
- COSMT 213 is only offered Winter quarter.
- COSMT 214 is only offered Fall quarter.
- COSMT 215 is only offered Summer quarter.

Required Courses

CHD 211	Hair Design Basic Skills	10-20
CHD 110	Trichology	2
COSMT 111	Salon Management	5
COSMT 112	Salon Safety/Chem/Elec	5
COSMT 102	Salon Communications	3
H DEV 155	Hum Relations in the Workplace	3
MATH 60	Prof/Tech Math - Cosmt	3
COSMT 212	Advanced Color Lab	3
COSMT 213	Men's Haircutting Design	3
COSMT 214	Advanced Haircutting	3
COSMT 215	Textured Hair Services Lab	3
COSMT 216	Cosmetology Practice VI	8-20
COSMT 217	Cosmetology Practice VII	8-20
COSMT 218	Cosmetology Pract VIII	8-20
COSMT 219	Cosmetology Practice IX	8-20

Note: CHD 120 is designed for fifth quarter students preparing for the Washington State Hair Design Written Licensure Exam. It provides theoretical review of facts from previous Hair Design courses in preparation for in-house computerized exams before applying for WA State Board examination.

Compendium

CHD 120	Hair Design Compendium	3

Cosmetology Hours

Students need to acquire 1730 cosmetology hours or 1500 hair design hours as part of the Washington State licensure process. COSMT 206 - Lab/Shop Practice VI -may be used to complete unmet required program clock hours.

Be sure to discuss requirement needs with your program advisor. COSMT 206 may also be used to complete curriculum requirements or special interest projects. COSMT 206 is an additional quarter and may be optional.

Cosmetology Hours

COSMT 206	Lab/Shop Practice VI	1-17.5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 29 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 88-136

Outcomes

Non-Discrimination Statement

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Criminal Justice

Criminal Justice AAS-T

Overview

Criminal Justice AAS-T (CJPCJAAS) Active: Sp 2022

The EvCC Associate in Applied Science - Transfer (AAS-T) enables graduates to transfer to a designated college or university. Students complete several general education courses and a large number of technical courses. Upon transfer, students will complete the remainder of the university's general education requirements as well as more advanced courses related to their professional technical career preparation.

Requirements

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Required General Education Courses - 20 units

5 units from the DTA Communication Skills course list, MATH 107 recommended

5 units from the DTA Natural Sciences Distribution course list

ENGL& 101	English Composition I	5
CMST& 240	Intercultural Communication	5

Required Core Courses - 50 units

CJ& 101	Intro Criminal Justice	5
CJ 103	Criminal Investigation	5
CJ& 110	Criminal Law	5
CJ 114	Intro to Crisis Intervn	5
IT 203	Info and Cyber Warfare	5
CJ 204	Intelligence Gathering	5
CJ 205	Cybercriminals	5
CJ 224	Professional Comm Skills	5
CJ& 240	Intro to Forensic Sciences	5
CJ 243	Ethical Dilemmas in CJ	5

Program Electives - 20 units

PSYC& 100	General Psychology	5
	Or	
PSYC& 220	Psychological Disorders	5
	Or	
CJ& 105	Intro to Corrections	5
	Or	
CJ& 112	Criminology	5
	Or	
CJ 102	Police Patrol Operations	5
	Or	
CJ 235	Criminal/Trace Evidence Lab	5
	Or	
CJ 251	Coop Work Experience	1-5
	Or	
CJ 234	Family/Domestic VIolence	5
	Or	
CJ 236	Capstone Criminal Justic	5
	Or	
CJ 250	Coop Work Experience	1-5
	Or	
CJ 252	Coop Work Experience	1-5
	Or	
CJ 241	Victimology	3
	Or	
IT 145	Digital Forensics	5
	Or	
CJ 115	Inequities In Criminal Justice	5

Other courses with CJ designation may be approved by a program advisor. There is a limit of one PEHW course.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Apply knowledge and verbal skills to effectively communicate with criminal suspects, victims, witnesses, persons in crisis and others in need.
- Identify constitutional freedoms and rights, and how an ethical criminal justice system and participatory citizenship protect those freedoms and rights.
- Analyze a criminal case to determine its appropriate processing, given an understanding of the jurisdiction and functions of police, courts and corrections as components of an interdependent criminal justice system.
- Secure and process a crime scene, employing proper techniques of evidence gathering, searching, sketching and on-scene interviewing.
- Analyze cyber criminology and the legal practices, practical digital investigative knowledge, and policies related to cyber-criminal investigations.
- Analyze criminal statutes to determine the statutes' elements, constitutionality and proper application.
- Produce written incident and investigative reports that are useful and professional in terms of accuracy, completeness, spelling and grammar.

Non-Discrimination Statement

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Cybercrime Investigation Certificate

Overview

Cybercrime Investigation Certificate (CFCCCC20)

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
IT 145	Digital Forensics	5
IT 203	Info and Cyber Warfare	5
CJ 204	Intelligence Gathering	5
CJ 205	Cybercriminals	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Diversity, Equity, and Social Justice

Diversity, Equity, and Social Justice - AAS-DTA with an Emphasis in DESJ

Overview

Diversity, Equity, and Social Justice Emphasis, AAS-DTA (LASDTAA) Active: Su 2025

The Associate in Arts and Sciences Direct Transfer Agreement (AAS-DTA) Degree with an Emphasis in Diversity, Equity, and Social Justice (DESJ) is designed for students intending to transfer to a four-year college or university, particularly those interested in careers or further study where diversity, equity, and inclusion are central.

The DESJ emphasis is interdisciplinary and prepares students to:

- Major in fields such as Ethnic Studies; Women, Gender, and Sexuality Studies; or Sociology.
- Transfer into other disciplines like Education, Public Health, or Engineering where diversity, equity, and inclusion are valued.
- Pursue career opportunities in DEI-focused roles or with employers who value an understanding of social justice issues.

Students who complete the DESJ emphasis will:

- Be better prepared to succeed in related four-year degree programs.
- Have a competitive edge entering the workforce either before transfer or while enrolled at their transfer institution.
- Be more likely to access key opportunities post-transfer, such as internships and civic engagement projects.

Students can still earn the general AAS-DTA degree without the DESJ emphasis by selecting different courses. To stay on track, students are encouraged to maintain an up-to-date degree plan and consult regularly with their Program Advisor to ensure coursework aligns with their transfer and career goals.

Requirements

Students may substitute or transfer equivalent courses such as HIST 220: African American History offered at other institutions with approval from DESJ faculty.

Many courses in this plan are listed across multiple distribution areas. While a course may meet more than one requirement, it can only be counted once toward the degree.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 10 units

Select courses from the DTA Approved Communication Skills course list. At least 5 units must be earned in English Composition I.

Required Courses

ENGL& 101	English Composition I	5
CMST& 220	Public Speaking	5
	Or	
ENGL& 102	Composition II	5

Quantitative Skills - 5 units

Select courses from the DTA Approved Quantitative Skills course list. The institution(s) you are looking to transfer to may require different Quantitative Skills courses. Be sure to verify the requirements of the transfer institution(s).

- MATH 107, MATH 138, MATH 141, PHIL 120, or MATH 146 are suggested. All are (Q, NSC).

Required Course

5 units from the DTA Quantitative Skills course list

Humanities (H or HP) Distribution - 15 units

Select courses from the DTA Approved Humanities course list. Courses must be from 2 different disciplines. Note: All World Languages count as 1 discipline. No more than 5 Humanities Performance (HP) units or 5 100-level World Language (WL) units may be used to fulfill this requirement. Any additional Humanities units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.
- If you choose ENGL 111, be sure to select the Diversity section when you register.
- If you choose ENGL 246, be sure to select the Diversity section when you register.

Required Courses - 15 units

SOC 170	Intro to Power & Privilege	5
ART H 226	Art and Social Justice	5
	Or	
ENGL& 111	Introduction to Literature	5
	Or	
HUM 110	Intro to Amer Cultural Studies	5
	Or	
HUM 200	Intro Women/Gender/Sexuality	5
ART H 226	Art and Social Justice	5
	Or	
ENGL& 246	American Literature III	5
	Or	
HIST& 215	Women In U.S. History	5
	Or	
HUM 200	Intro Women/Gender/Sexuality	5

Social Sciences (SS) Distribution - 15 units

Select courses from the DTA Approved Social Sciences course list. Courses must be from 2 different disciplines. Any additional Social Science units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses

ANTH 122	Human Diversity	5
	Or	
ANTH& 206	Cultural Anthropology	5
	Or	
DESJ 118		
	Or	
HIST 170	Multicultural American History	5
	Or	
HIST& 215	Women In U.S. History	5
	Or	
POLS 210	Politics of Diversity	5
ANTH& 206	Cultural Anthropology	5
	Or	
ANTH& 216	Indigenous Peoples of NW Coast	5
	Or	
ANTH 255	Medicine across Cultures	5
	Or	
GEOG 201	Cultural Geography	5
	Or	
HIST& 215	Women In U.S. History	5
	Or	
HUM 200	Intro Women/Gender/Sexuality	5
	Or	
POLS 210	Politics of Diversity	5
	Or	
PSYC 210	Human Sexuality	5
DESJ 297	From Inquiry to Civic Action	2
DESJ 298	DESJ Capstone	3

Natural Sciences (NS, NSL, or NSC) Distribution - 15 units

Select courses from the DTA Approved Natural Sciences course list. Courses must be from 2 different disciplines. You must have at least 1 *Lab Science* course. No more than 5 units from *Part C: Other Science* courses may be used to fulfill this requirement. Any additional Natural Science units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

The institution(s) you are looking to transfer to may require different Natural Science courses. Be sure to verify the requirements of the transfer institution(s).

- STEM 102 (NSL), ENVS 100 (NS) or ENVS 101 (NSL), BOT 115 (D, NSL), NUTR 180 (NSL), ANTH 215 (NSL), or STEM 103 (NSC) are recommended.

Required Courses

15 units from the DTA Natural Sciences Distribution course list

Electives - 28 units total

A total of 28 units must be completed in electives.

- 15 units must be selected from Communication Skills, Quantitative Skills, Humanities, Social Sciences, Natural Sciences, or List A Transfer Electives.
- 13 units may be selected from those OR from List B Applied Electives.
- No more than 3 PEHW activity units may be used.
- College Success is a List B Elective. If this is not required, Electives will increase to 30 units total with no more than 15 List B units.

Required Courses

15 units from the Communications, Quantitative Skills, Humanities, Social Sciences, Natural Sciences Distributions, or List A Transfer Electives course list

13 units from those OR from any List B Applied Electives (100-level courses or higher)

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

AAS-DTA Program Learning Outcomes

Communication Skills

- Use diverse rhetorical strategies to optimize communication effectiveness.

- Critically analyze messages across diverse contexts.
- Apply ethical principles to the analysis and creation of messages.

Quantitative Skills

- Construct a logical argument to support a conclusion.
- Manipulate and communicate symbolic language.

Humanities

- Demonstrate an understanding of the diversity of human experience and expression.
- Engage in sustained qualitative, creative, and critical explorations.

Social Sciences

- Use evidence-based research to study individual and collective human behavior.
- Understand how diverse experiences, perspectives, cultures and social systems shape human interactions.

Natural Sciences

- Apply mathematical or scientific reasoning to STEM topics.
- Learn about and/or apply the scientific method in a laboratory setting.

Diversity, Equity, and Social Justice Emphasis Outcomes

- Examine how social constructs such as race, ethnicity, gender, sexuality, class, ability, and religion intersect and shape social systems as well as individual views and experiences.
- Analyze how power and privilege structure social, economic, political, and environmental relationships that are maintained and reproduced by institutions.
- Investigate theories and strategies that advance equity and social justice and evaluate their practical applications.
- Practice civic engagement by applying knowledge and understanding of diversity, equity, and social justice through a capstone project.

Non-Discrimination Statement

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Early Childhood Education

Early Childhood Education ATA

Overview

Early Childhood Education ATA (ECEECAPT) Active: F 2018

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Notes

- Completion of First Aid, CPR and HIV Certifications are required.
- The Early Childhood Education program includes several certificates and degrees. The Associate in Technical Arts in Early Childhood Education meets Department of Children, Youth, and Families (DCYF) requirements for positions including Center Director and Center Assistant Director, Center Program Specialist, Head Start Assistant, ECEAP Assistant Teacher, ECEAP Lead Teacher, and is an alternative pathway to Head Start Lead Teacher. This opens the door to many other Early Childhood positions as well. This degree transfers into Bachelor of Applied Science ECE degrees at multiple Washington state colleges.
- Employment in the Early Learning field in Washington State requires the ability to pass the Department of Early Learning Portable Background Check in the MERIT system. Students are required to pass the Portable Background Check before completing the second practicum course (ECE 132 Practicum Lab II). Inability to pass the Portable Background Check will prevent students from completing the ATA degree.
- The Early Childhood Education department recognizes students often enter the program with job experience that may be worth credit. To help students get a jump start on their credit, Everett Community College offers credit for Child Development Associate (CDA) certificates and other credentials. More information about credit for industry certifications or experience-based portfolios, see the Academic Credit for Prior Learning (ACPL) webpage or reach out to ACPL@everettcc.edu.

Requirements

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

General Education - 15 units

Required Courses

5 units from the DTA Quantitative Skills course list, MATH 107 recommended

ENGL& 101	English Composition I	5
CMST& 210	Interpersonal Communication	5

Required ECE Courses - 59 units

- A minimum grade of a C (2.0) or higher is required.

To enter ECE 132 Practicum Lab II, these things need to be documented: MERIT background test, TB Test, First Aid, CPR and HIV Certification, and Food Handlers card (see your advisor).

Required Courses

ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2
EDUC& 115	Child Development	5
EDUC& 130	Guiding Behavior	3
EDUC& 150	Child, Family and Community	3
ECED& 160	Curriculum Development	5
ECED& 170	Learning Environments	3
ECED& 180	Language and Literacy	3
ECED& 190	Observation and Assessment	3
ECE 132	Practicum Lab II	4
ECE 135	Family Dynamics	3
ECE 215	Art/Storytelling Young Child	5
ECE 207	Application of Math/Sci in ECE	5
ECE 233	Practicum Lab III	2
EDUC& 203	Exceptional Child	3

General Required - 10 units

Required Courses

5 units from the DTA Natural Sciences Distribution course list

ENVS 100 or NUTR 101 are strongly recommended.

PSYC& 100	General Psychology	5

Electives - 4 units

Complete 4 units of electives. ECE 239, ECED 132, ECED 134, ECED 139, EDUC 136, ENGL 183, ENGL 183, and SOC 220 are recommended

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community

College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Subject Matter Knowledge: Students will gain sound knowledge of the central concepts, foundational theories and intellectual frameworks of education and teaching-approaches to guidance and discipline, constructivist learning principles, the role of family and communities-and develop the capability to relate each area of knowledge to another.
- Professional and Personal Attitudes: Students will be introduced to a variety of educational philosophies, attitudes, and approaches in order to understand issues of professional teaching standards-what it means to be a competent and ethical teacher in a democratic society, and to develop a personal and lifelong commitment to knowledge, to the continuing pursuit of questions, and to a willingness to take risks.
- Instructional Strategies and Skills: Students will understand curriculum as a process, including learning goals and objectives, sequences of content, multiple instructional strategies, and formal and informal assessment-through classroom observations and the development of instructional lessons that address individual learner needs and styles.
- Human Development and Learning: Students will be introduced to a variety of perspectives on human development and learning that support the diverse cognitive, psychological, and social needs of learners; and will understand the role of positive learning environments and effective relationships with learners.

Non-Discrimination Statement

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Early Childhood Education, State Initial Certificate

Overview

Early Childhood Education, State Initial Certificate (ECEECC01) Active: F 2018

- Completion of First Aid, CPR and HIV Certifications are required.
- The State Initial Early Childhood Education Certificate is required by the Department of Children, Youth, and Families (DCYF) for all those working in Early Childhood Education including Early Childhood Family homeowner, lead teachers, assistant teachers, family home aids and family home volunteers, center teachers, center aids and center volunteers.

- The Early Childhood Education department offers credit for Child Development Associate (CDA) credentials. A complete list of accepted certificates is available on the Early Childhood Education department homepage. For those students who have worked in Early Childhood Education, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 4 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 12

Outcomes

Non-Discrimination Statement

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Early Childhood Education, State Certificate

Overview

Early Childhood Education, State Certificate (ECEECC45) Active: F 2018

- Completion of First Aid, CPR and HIV Certifications are required.
- The State Early Childhood Education Certificate meets Department of Children, Youth, and Families (DCYF) requirements for positions including Center Director and Center Assistant Director, Center Program Specialist, Head Start Assistant, and ECEAP Assistant Teacher.

- The Early Childhood Education department offers credit for Child Development Associate (CDA) credentials. A complete list of accepted certificates is available on the Early Childhood Education department homepage. For those students who have worked in Early Childhood Education, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

General Education Requirements - 10 units

ENGL 101 is offered in both non-diversity and diversity versions. Be sure to check the Class Schedule on the EvCC website to determine which section you wish to choose. If a course is a diversity class, this is displayed in the Course Attributes within section details.

Required Courses

5 units from MATH 107 or higher (See the Quantitative Skills list)		
ENGL& 101	English Composition I	5

- **The following courses must be completed with a grade of C (2.0) or higher.**

Required Early Childhood Education Courses - 37 units		
ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2
EDUC& 115	Child Development	5
ECED& 132	Infants and Toddlers Care	3
	Or	
ECED& 134	Family Childcare Management	3
	Or	
ECED& 139	Administration of ECE	3
	Or	
EDUC& 130	Guiding Behavior	3
	Or	
EDUC& 136	School Age Care	3
EDUC& 150	Child, Family and Community	3
ECED& 160	Curriculum Development	5
ECED& 180	Language and Literacy	3
ECED& 190	Observation and Assessment	3
ECED& 170	Learning Environments	3
	Or	
EDUC& 130	Guiding Behavior	3

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 15 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 47

Outcomes

Non-Discrimination Statement

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Early Childhood Education, Administration Certificate

Overview

ECE State Short: Administration Certificate (ECEADC20) Active: F 2018

- Completion of First Aid, CPR and HIV Certifications are required.
- The Department of Children, Youth, and Families (DCYF) requires a State Short Early Childhood Education Certificate of Specialization within 5 years of obtaining the State Initial certificate. The options are:
  - Early Childhood Education - General
  - Infants and Toddlers
  - Administration *(this one)*
  - Family Childcare Management
  - School Age Care
- The Early Childhood Education department offers credit for Child Development Associate (CDA) credentials. A complete list of accepted certificates is available on the Early Childhood Education department homepage. For those students who have worked in Early Childhood Education, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses

ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2
EDUC& 115	Child Development	5
ECED& 139	Administration of ECE	3

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

Non-Discrimination Statement

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Early Childhood Education Specialization in Family Childcare Certificate

Overview

ECE State Short: Family Childcare Certificate (ECEFCC20) Active: F 2018

- Completion of First Aid, CPR and HIV Certifications are required.
- The Department of Children, Youth, and Families (DCYF) requires a State Short Early Childhood Education Certificate of Specialization within 5 years of obtaining the State Initial certificate. The options are:
  - Early Childhood Education - General
  - Infants and Toddlers
  - Administration
  - Family Childcare Management *(this one)*
  - School Age Care
- The Early Childhood Education department offers credit for Child Development Associate (CDA) credentials. A complete list of accepted certificates is available on the Early Childhood Education department homepage. For those students who have worked in Early Childhood Education, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2
EDUC& 115	Child Development	5
ECED& 134	Family Childcare Management	3

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

Non-Discrimination Statement

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Early Childhood Education Specialization - General Certificate

Overview

ECE State Short: General Certificate (ECEGEC20) Active: F 2018

- Completion of First Aid, CPR and HIV Certifications are required.
- The Department of Children, Youth, and Families (DCYF) requires a State Short Early Childhood Education Certificate of Specialization within 5 years of obtaining the State Initial certificate. The options are:
    - Early Childhood Education - General *(this one)*
    - Infants and Toddlers
    - Administration

  - Family Childcare Management
  - School Age Care
- The Early Childhood Education department offers credit for Child Development Associate (CDA) credentials. A complete list of accepted certificates is available on the Early Childhood Education department homepage. For those students who have worked in Early Childhood Education, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2
EDUC& 115	Child Development	5
EDUC& 130	Guiding Behavior	3

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

Non-Discrimination Statement

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Early Childhood Education Specialization in Infants/Toddlers Certificate

Overview

ECE State Short: Infants and Toddlers Certificate (ECEITC20) Active: F 2018

- Completion of First Aid, CPR and HIV Certifications are required.
- The Department of Children, Youth, and Families (DCYF) requires a State Short Early Childhood Education Certificate of Specialization within 5 years of obtaining the State Initial certificate. The options are:
  - Early Childhood Education - General
  - Infants and Toddlers *(this one)*
  - Administration
  - Family Childcare Management
  - School Age Care
- The Early Childhood Education department offers credit for Child Development Associate (CDA) credentials. A complete list of accepted certificates is available on the Early Childhood Education department homepage. For those students who have worked in Early Childhood Education, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2
EDUC& 115	Child Development	5
ECED& 132	Infants and Toddlers Care	3

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

Non-Discrimination Statement

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EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Early Childhood Education Specialization in School Age Care Certificate

Overview

ECE State Short: School Age Care Certificate (ECESAC20) Active: F 2018

- Completion of First Aid, CPR and HIV Certifications will be required prior to employment.
- The Department of Children, Youth, and Families (DCYF) requires a State Short Early Childhood Education Certificate of Specialization within 5 years of obtaining the State Initial certificate. The options are:
  - Early Childhood Education - General
  - Infants and Toddlers
  - Administration
  - Family Childcare Management
  - School Age Care *(this one)*
- The Early Childhood Education department offers credit for Child Development Associate (CDA) credentials. A complete list of accepted certificates is available on the Early Childhood Education department homepage. For those students who have worked in Early Childhood Education, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ECED& 105	Introduction to ECE	5
ECED& 107	Health/Nutrition/Safety	5
ECED& 120	Practicum--Nurturing Relations	2
EDUC& 115	Child Development	5
EDUC& 136	School Age Care	3

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 7 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Paraeducation Certificate

Overview

Paraeducation Certificate (TEAPAC45) Active Su 2024

Requirements

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2

General Education Requirements - 15 units

Required Courses

5 units from MATH& 107 or higher (See the Quantitative Skills list
)

ENGL& 101	English Composition I	5
CMST& 220	Public Speaking	5
	Or	
ENGL& 102	Composition II	5

Math requirement varies by transfer university – see advisor for assistance choosing the right course.

Core Education Courses - 26 units

EDUC& 101	Paraeducator Basics	3
EDUC& 115	Child Development	5
EDUC& 202	Introduction to Education	5
EDUC& 204	Inclusive Education	5
EDUC& 240	Diversity in Education	5
EDUC 250	Education In Action	1-4
EDUC 256	Education In Action Seminar	2

Humanities - 10 units

Humanities choices should be based on the future transfer university. Be sure to work with your program advisor.

5 units from Humanities course list (p. 468)
*

SOC 170	Intro to Power & Privilege	5

*Recommended Humanities courses: ENGL 120, ENGL 171, ENGL 175, ENGL 183, CMST& 210, PHIL 110, PHIL& 115, PHIL 215, or a World Language or ASL course.

Social Sciences - 10 units

Social Sciences choices should be based on the future transfer university. Be sure to work with your program advisor.

5 units from the Social Sciences course list (p. 474)
*

PSYC& 100	General Psychology	5

*Recommended Social Science courses: HIST& 146, HIST& 147 HIST& 148, HIST 170, HIST& 214, or SOC& 101

Natural Sciences - 10 units

Natural Science choices should be based on the future transfer university. Be sure to work with your program advisor.

5 units from the Natural Sciences course list (p. 471)

5 units from the Natural Sciences **Lab** course list (p. 471)

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 24 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 73

Outcomes

Non-Discrimination Statement

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Emergency Medical Technician

Emergency Medical Technician Certificate

Overview

Emergency Medical Technician Certificate (EMPEMC01) Active F 2021

- EMS 151 Emergency Medical Technician is an elective in the Fire Science AAS-T and Associate of Arts Sciences-DTA degrees, as well as a stand-alone college certificate.
- The Emergency Medical Technician Certificate prepares you for the **National Registry Emergency Medical Technician (NREMT) exam,** a professional certification needed to work as an EMT across the United States.
- Please note, additional skills, training, or testing may be required in states, including Washington, to receive a state license or certification. Students who obtain NREMT certification must find employment within 12 months in order to become Washington State EMT-Basic certified, or they will need to retake the full EMT course to obtain Washington State certification; only some experienced EMTs are eligible for refresher courses.

Requirements

- **Complete the following with a grade of C (2.0) or higher.**

Required Course		
EMS 151	Emergency Med Tech Training	13

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 13 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 13

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship,

ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Engineering

Engineering - Bioengineering and Chemical Engineering AS-T (MRP)

Overview

AS-T - Bioengineering and Chemical Engineering Track 2/MRP (CHEBCAS) Active: Su 2024

The **AS-T in Bioengineering and Chemical Engineering Track 2 (MRP)** prepares students who wish to pursue a bachelor's degree in engineering at a Washington college or university following completion of an associate degree program that satisfies lower division general education requirements. This degree is accepted under agreement with designated Washington universities and satisfies the lower-division general education requirements in most cases. Advisor guidance is strongly recommended.

This degree plan is for transfer students with an interest in **bioengineering** and **chemical engineering** majors at Universities in Washington state including the University of Washington or Washington State University.

Requirements

This degree will require a minimum of 104 units with possible additional prerequisites (see list below).

- Be sure to verify current admission requirements with your target institution.
- There may be course-level and GPA grade requirements; be sure to discuss this with your advisor.

Potential Prerequisites

- Complete CHEM 140 or place into CHEM 161
- Complete ENGL 98 or place into ENGL 101
- Complete ENGR 111 or STEM 102 and MATH 142 before ENGR 121
    - ENGR 111 or STEM 102 may be waived, at the Engineering faculty's discretion, for students transferring to EvCC with advanced standing in engineering.
- Complete MATH 144 or MATH 142 or place into MATH 151
- Complete PHYS 114 or place into PHYS 241
- Complete MFGT 103 before PHYS 233
- Complete BIOL 221 and CHEM 162 before BIOL& 222. This is a Specialization Course option; BIOL 221 is not built into this plan. Discuss building in the prerequisites with your advisor if these are necessary for your plan.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success

webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units

ENGL 101 is offered in both non-diversity and diversity versions. Be sure to check the Class Schedule on the EvCC website to determine which section you wish to choose. If a course is a diversity class, this is displayed in the Course Attributes within section details.

Required Course (minimum grade 2.0)

ENGL& 101	English Composition I	5

Humanities and Social Sciences - 15 units total

You must take 15 units total in at least two different disciplines. One must be selected from Humanities and another from Social Sciences. The third course may be from Humanities or Social Science. No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

At least one course from the three should be a diversity course designated by the Diversity attribute (note ENGL 101 - Diversity may also be used to fulfill the diversity requirement). Students interested in transferring to WSU should choose a diversity course that also meets WSU UCORE requirements.

Required Course

5 units from the DTA Humanities Distribution course list

ART 110, ART 111, CMST 210, or CMST 220 are recommended.

Required Course

BUS& 101	Intro to Business	5
	Or	
ECON& 201	Micro Economics	5
	Or	
ECON& 202	Macro Economics	5

Note: The WSU Electrical Engineering Program requires ECON 201 or ECON 202. The WSU Mechanical Engineering program requires ECON 202.

Required Course

5 units from either of the DTA Humanities or Social Sciences Distribution course lists

A World Language is recommended.

Mathematics - 20 units

Required Courses (minimum grade 2.0)

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5
MATH 261	Differential Equations	5

Science and Engineering Courses - 50 units

- For Bioengineering, choose BIOL 221. For Chemical Engineering, choose CHEM 262.
- PHYS 241 and 231 must be taken together. PHYS 242 and 232 must be taken together. PHYS 243 and 233 must be taken together.

Required Courses (minimum grade 2.0)

CHEM& 161	General Chemistry I with Lab	5.5
CHEM& 162	General Chemistry II with Lab	5.5
CHEM& 163	General Chemistry III with Lab	5.5
CHEM& 261	Organic Chem W/Lab I	6
CHEM& 262	Organic Chemistry II with Lab	6
	Or	
BIOL& 221	Majors Ecology/Evolution	6
ENGR 111	Intro Engr I: Model/Analysis	5
	Or	
STEM 102	Equity in STEM	3-5
PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5
PHYS& 242	Engineering Physics II	4
	And	
PHYS& 232	Engineering Physics II Lab	1.5
PHYS& 243	Engineering Physics III	4
	And	
PHYS& 233	Engineering Physics III Lab	1.5

Specialization Courses - 12 units required

Select courses as appropriate for intended major and transfer institution.

A minimum of 3 courses and 12 units is required; different specializations and/or transfer universities may require more.

Bioengineering

- University of Washington: BIOL 222*, BIOL 223*, MATH 260, ENGR 121, and ENGR 240
- Washington State University: BIOL 222*, BIOL 223*, CHEM 262*, CHEM 263, ENGR 121, MATH 260, MATH 264

Chemical Engineering

- University of Washington: MATH 260, ENGR 121, ENGR 240
- Washington State University: BIOL 221*, BIOL 222*, CHEM 263, ENGR 121

*Course required for BS degree but typically taken in junior year and not required to transfer with junior standing. Completion at EvCC recommended if there is space in your schedule for improved junior year preparation.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 104

Outcomes

Program Learning Outcomes

- Demonstrate analytical problem-solving skills.
- Apply scientific processes.
- Collaborate effectively.
- Communicate technical information.
- Apply engineering design processes.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Engineering - Civil and Mechanical Engineering AS-T (MRP)

Overview

The **AS-T in Civil and Mechanical Engineering Track 2 (MRP)** prepares students who wish to pursue a bachelor's degree in engineering at a Washington college or university following completion of an associate degree program that satisfies lower division general education requirements. This degree is accepted under agreement with designated Washington universities and satisfies the lower-division general education requirements in most cases. Advisor guidance is strongly recommended.

This degree plan is for transfer students with an interest in **mechanical, civil environmental, aeronautics astronautics,** or **industrial engineering** majors at universities in Washington state including the University of Washington or Washington State University.

Requirements

This degree will require a minimum of 110.5 units with possible additional prerequisites (see list below).

- Be sure to verify current admission requirements with your target institution.
- There may be course-level and GPA grade requirements; be sure to discuss this with your advisor.

Potential Prerequisites

Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher. Students must:

- Complete CHEM 140 or place into CHEM 161
- Complete ENGL 98 or place into ENGL 101
- Complete ENGR 111 or STEM 102 and MATH 142 before ENGR 121
    - ENGR 111 or STEM 102 may be waived, at the Engineering faculty's discretion, for students transferring to EvCC with advanced standing in engineering.
- Complete ENGR 121 and PHYS 241/231 before ENGR 214
- Complete MATH 144 or MATH 142 or place into MATH 151
- Complete PHYS 114 or place into PHYS 241
- Complete MFGT 103 before PHYS 233

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units

ENGL 101 is offered in both non-diversity and diversity versions. Be sure to check the Class Schedule on the EvCC website to determine which section you wish to choose. If a course is a diversity class, this is displayed in the Course Attributes within section details.

Required Course

ENGL& 101	English Composition I	5

Humanities and Social Sciences - 15 units total

You must take 15 units total in at least two different disciplines. One must be selected from Humanities and another from Social Sciences. The third course may be from Humanities or Social Science. No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

At least one course from the three should be a diversity course designated by the Diversity attribute (note ENGL 101 - Diversity may also be used to fulfill the diversity requirement). Students interested in transferring to WSU should choose a diversity course that also meets WSU UCORE requirements.

Required Course

5 units from the DTA Humanities Distribution course list

ART 110, ART 111, CMST 210, or CMST 220 are recommended.

Required Course

BUS& 101	Intro to Business	5
	Or	
ECON& 201	Micro Economics	5
	Or	
ECON& 202	Macro Economics	5

Note: The WSU Electrical Engineering Program requires ECON 201 or ECON 202. The WSU Mechanical Engineering program requires ECON 202.

Required Course

5 units from either of the DTA Humanities or Social Sciences Distribution course lists

A World Language is recommended.

Mathematics - 25 units

Required Courses (minimum grade 2.0)

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5
MATH 260	Linear Algebra	5
MATH 261	Differential Equations	5

Science and Engineering Courses - 47.5 units

PHYS 241 and 231 must be taken together. PHYS 242 and 232 must be taken together. PHYS 243 and 233 must be taken together.

Required Courses (minimum grade 2.0)

CHEM& 161	General Chemistry I with Lab	5.5
CHEM& 162	General Chemistry II with Lab	5.5
ENGR 111	Intro Engr I: Model/Analysis	5
	Or	
STEM 102	Equity in STEM	3-5

ENGR& 214	Statics	5
ENGR& 225	Mechanics of Materials	5
ENGR& 215	Dynamics	5
PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5
PHYS& 242	Engineering Physics II	4
	And	
PHYS& 232	Engineering Physics II Lab	1.5
PHYS& 243	Engineering Physics III	4
	And	
PHYS& 233	Engineering Physics III Lab	1.5

Specialization Courses - 16 units required

Select courses as appropriate for intended major and transfer institution.

A minimum of 4 courses and 16 units is required; different specializations and/or transfer universities may require more.

Mechanical

- University of Washington (B = Bothell only): ENGL 235(B), ENGR 114, ENGR 121, ENGR 240, MATH 264, ENGR 201*, ENGR 204*
- Washington State University: ENGL 235, ENGR 114, ENGR 121, ENGR 240, MATH 264, ENGR 201*, ENGR 204*, ENGR 216*, ENGR 220*, ENGR 224*

Civil Environmental

- University of Washington-Seattle: ENGR 114, ENGR 201, ENGR 204 or ENGR& 224; ENGR 121, ENGR 240
- Washington State University: ENGL& 235; ENGR 204 or ENGR& 224; ENGR 220; ENGR 240; MATH 264

Aeronautics Astronautics

- University of Washington-Seattle: ENGR 121, ENGR 224, ENGR 240, MATH 264
- Washington State University: N/A

Industrial

- University of Washington: CS 131, ENGR 121, ENGR 204, MATH 264
- Washington State University: N/A

*Course required for BS degree but typically taken in junior year and not required to transfer with junior standing. Completion at EvCC recommended if there is space in your schedule for improved junior year preparation.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the

Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 110.5

Outcomes

Program Learning Outcomes

- Demonstrate analytical problem-solving skills.
- Apply scientific processes.
- Collaborate effectively.
- Communicate technical information.
- Apply engineering design processes.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Engineering - Computer and Electrical Engineering AS-T (MRP)

Overview

The **AS-T in Computer and Electrical Engineering Track 2 (MRP)** prepares students who wish to pursue a bachelor's degree in engineering at a Washington college or university following completion of an associate degree program that satisfies lower division general education requirements. This degree is accepted under agreement with designated Washington

universities and satisfies the lower-division general education requirements in most cases. Advisor guidance is strongly recommended.

- This degree plan is for transfer students with an interest in **computer engineering, electrical engineering,** or **electrical and computer engineering** majors at Universities in Washington state including the University of Washington or Washington State University.

Requirements

This degree will require a minimum of 105 units with possible additional prerequisites (see list below).

- Be sure to verify current admission requirements with your target institution.
- There may be course-level and GPA grade requirements; be sure to discuss this with your advisor.

Potential Prerequisites

Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher. Students must:

- Complete CHEM 140 or place into CHEM 161
- Complete ENGL 98 or place into ENGL 101
- Complete ENGR 111 or STEM 102 and MATH 142 before ENGR 121
    - ENGR 111 or STEM 102 may be waived, at the Engineering faculty's discretion, for students transferring to EvCC with advanced standing in engineering.
- Complete ENGR 121 and PHYS 241/231 before ENGR 214
- Complete MATH 144 or MATH 142 or place into MATH 151
- Complete PHYS 114 or place into PHYS 241
- Complete MFGT 103 before PHYS 233

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units

ENGL 101 is offered in both non-diversity and diversity versions. Be sure to check the Class Schedule on the EvCC website to determine which section you wish to choose. If a course is a diversity class, this is displayed in the Course Attributes within section details.

Required Course

ENGL& 101	English Composition I	5

Humanities and Social Sciences - 15 units total

You must take 15 units total in at least two different disciplines. One must be selected from Humanities and another from Social Sciences. The third course may be from Humanities or Social Science. No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

At least one course from the three should be a diversity course designated by the Diversity attribute (note ENGL 101 - Diversity may also be used to fulfill the diversity requirement). Students interested in transferring to WSU should choose a diversity course that also meets WSU UCORE requirements.

Required Course

5 units from the DTA Humanities Distribution course list

ART 110, ART 111, CMST 210, or CMST 220 are recommended.

Required Course

BUS& 101	Intro to Business	5
	Or	
ECON& 201	Micro Economics	5
	Or	
ECON& 202	Macro Economics	5

Note: The WSU Electrical Engineering Program requires ECON 201 or ECON 202. The WSU Mechanical Engineering program requires ECON 202.

Required Course

5 units from either of the DTA Humanities or Social Sciences Distribution course lists

A World Language is recommended.

Mathematics - 25 units

Required Courses (minimum grade 2.0)

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5
MATH 260	Linear Algebra	5
MATH 261	Differential Equations	5

Science and Engineering Courses - 37 units

PHYS 241 and 231 must be taken together. PHYS 242 and 232 must be taken together. PHYS 243 and 233 must be taken together.

Choose CS 131 for WSU or CS 141 for UW.

Required Courses (minimum grade 2.0)

CHEM& 161	General Chemistry I with Lab	5.5
CS& 131	Computer Science I C++	5
	Or	
CS& 141	Computer Science I Java	5
ENGR 111	Intro Engr I: Model/Analysis	5
	Or	

STEM 102	Equity in STEM	3-5
ENGR& 204	Electrical Circuits	5
PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5
PHYS& 242	Engineering Physics II	4
	And	
PHYS& 232	Engineering Physics II Lab	1.5
PHYS& 243	Engineering Physics III	4
	And	
PHYS& 233	Engineering Physics III Lab	1.5

Specialization Courses - 21 units required

Select courses as appropriate for intended major and transfer institution.

A minimum of 5 courses and 21 units is required; different specializations and/or transfer universities may require more.

Electrical

- University of Washington (ECE): CS 143, ENGR 121, MATH 264, and
  - Choose 2 from: CHEM 162, ENGR 202, ENGR 214, ENGR 215, ENGR 224, ENGR 240
- University of Washington Bothell: CS 132 or CS 143, ENGL 235, ENGR 121, MATH 264 and ENGR 202*
- Washington State University: CS 132 (preferred) or CS 143, ENGL 235, ENGR 121, ENGR 205, MATH 264, ENGR 202*, and
  - Choose 2 from: ENGR 214, ENGR 215, ENGR 224, ENGR 240

Computer

- University of Washington *(be sure to speak with your program advisor)*: CS 143, ENGL 235, ENGR 121, ENGR 202, Choose 1 more
- Washington State University: CS 132, ENGL 235, ENGR 121, ENGR 202, MATH 264, CS 233*

*Course required for BS degree but typically taken in junior year and not required to transfer with junior standing. Completion at EvCC recommended if there is space in your schedule for improved junior year preparation.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 105

Outcomes

Program Learning Outcomes

- Demonstrate analytical problem-solving skills.
- Apply scientific processes.
- Collaborate effectively.
- Communicate technical information.
- Apply engineering design processes.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Engineering - General Engineering AS-T

Overview

Engineering AS-T, General (PHST2AS AST2-OTRE) Active: W 2023

The Associate in Science - Transfer (AS-T) degree is designed for students majoring in sciences, computer science and engineering who wish to transfer to a Washington college or university. Students preparing to transfer to a university for a bachelor’s degree in engineering may follow one of three major-ready programs or this, the AS-T in Engineering, Computer Science, or Physics Track 2, General Engineering Concentration.

- AS-T in Bioengineering and Chemical Engineering Track 2, (MRP)
- AS-T in Civil and Mechanical Engineering Track 2, (MRP)

- AS-T in Computer and Electrical Engineering Track 2, (MRP)
- AS-T in Engineering, Computer Science, Physics, and Atmospheric Sciences Track 2, **General Engineering Concentration**

Students earning this degree will normally transfer with junior standing and about half of the lower division general education requirements of the baccalaureate colleges and universities. Remaining general education courses may be taken after transfer and prior to completion of a baccalaureate degree. This degree enables students to concentrate on fulfilling pre-major coursework in their intended field of study.

- This degree plan is targeted at transfer students with an interest in an engineering or engineering technology major at a university other than University of Washington or Washington State University or in majors not included in the Bioengineering and Chemical Engineering, Computer and Electrical Engineering, or the Civil and Mechanical Engineering plans.
- Students should work with an advisor to develop a customized plan specific to their intended major and transfer destination and should maintain this degree plan while at Everett Community College.

Requirements

This degree will require a minimum of 90 units with possible additional prerequisites; prerequisites will require additional units.

- Though courses in a foreign language are not required in the Associate of Science degree, some universities may require two or three quarters of foreign language for admission or for graduation.
- There may be course-level and GPA grade requirements; be sure to discuss this with your advisor.

While this plan is designed to address the transfer requirements of the intended transfer university, it is your responsibility to verify these requirements have not changed.

Potential Prerequisites

Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher. Students must:

- Complete CHEM 140 or place into CHEM 161
- Complete ENGL 98 or place into ENGL 101
- Complete ENGR 111 or STEM 102 and MATH 142 before ENGR 121
    - ENGR 111 or STEM 102 may be waived, at the Engineering faculty's discretion, for students transferring to EvCC with advanced standing in engineering.
- Complete ENGR 121 and PHYS 241/231 before ENGR 214
- Complete MATH 144 or MATH 142 or place into MATH 151
- Complete PHYS 114 or place into PHYS 241
- Complete MFG T 103 before PHYS 233

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units

ENGL 101 is offered in both non-diversity and diversity versions. Be sure to check the Class Schedule on the EvCC website to determine which section you wish to choose. If a course is a diversity class, this is displayed in the Course Attributes within section details.

Required Course

ENGL& 101	English Composition I	5

Mathematics - 15 units

Required Courses (minimum grade 2.0)

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5

Humanities and Social Sciences - 15 units total

You must take 15 units total in at least two different disciplines. One must be selected from Humanities and another from Social Sciences. The third course may be from Humanities or Social Science. No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

At least one course from the three should be a diversity course designated by the Diversity attribute (note ENGL& 101 - Diversity may also be used to fulfill the diversity requirement). Students interested in transferring to WSU should choose a diversity course that also meets WSU UCORE requirements.

Required Courses

5 units from the DTA Humanities Distribution course list (p. 468)

ART 110, ART 111, CMST& 210, or CMST& 220 are recommended.

5 units from either the DTA Humanities course list (p. 468) **or DTA Social Sciences course list** (p. 474)

A World Language is recommended.

5 units from:

BUS& 101	Intro to Business	5
	Or	
ECON& 201	Micro Economics	5
	Or	
ECON& 202	Macro Economics	5

The WSU Electrical Engineering Program requires ECON& 201 or ECON& 202. The WSU Mechanical Engineering program requires ECON& 202.

Science and Engineering Courses - 27 units

Required Courses (minimum grade 2.0)

CHEM& 161	General Chemistry I with Lab	5.5
ENGR 111	Intro Engr I: Model/Analysis	5

PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5
PHYS& 242	Engineering Physics II	4
	And	
PHYS& 232	Engineering Physics II Lab	1.5
PHYS& 243	Engineering Physics III	4
	And	
PHYS& 233	Engineering Physics III Lab	1.5

Specialization Courses - 26 units required

Select courses as appropriate for intended major and transfer institution.

A minimum of 26 units is required; different specializations and/or transfer universities may require more.

Mechanical

- University of Washington: ENGL 235, ENGR 114, ENGR 121, ENGR 240, MATH 264, ENGR 201*, ENGR 204*
- Washington State University: ENGL 235, ENGR 114, ENGR 121, ENGR 240, MATH 264, ENGR 201*, ENGR 204*, ENGR 216*, ENGR 220*, ENGR 224*

Civil Environmental

- University of Washington: ENGL& 235; ENGR 114, ENGR 201, ENGR 204 or ENGR& 224; ENGR 121, ENGR 240
- Washington State University: ENGL& 235; ENGR 204 or ENGR& 224; ENGR 220; ENGR 240; MATH 264

Aeronautics Astronautics

- University of Washington: ENGL 235, ENGR 121, ENGR 224, ENGR 240, MATH 264
- Washington State University: N/A

Industrial

- University of Washington: CS 131, ENGL 235, ENGR 121, ENGR 204, MATH 264
- Washington State University: N/A

Materials Science

- University of Washington: ENGL 235, ENGR 121, ENGR 201, ENGR 240, MATH 264
- Washington State University: ENGL 235, ENGR 121, ENGR 201, ENGR 220, ENGR 240, MATH 264

Electrical

- University of Washington: CS 143, ENGL 235, ENGR 121, MATH 264, and
  - Choose 2 from: CHEM 162, ENGR 202, ENGR 214, ENGR 215, ENGR 224, ENGR 240
- Washington State University: CS 132, ENGL 235, ENGR 121, ENGR 205, MATH 264, ENGR 202*, and
  - Choose 2 from: ENGR 214, ENGR 215, ENGR 224, ENGR 240

Computer

- University of Washington: CS 143, ENGL 235, ENGR 121, ENGR 202, Choose 1 more
- Washington State University: CS 132, ENGL 235, ENGR 121, ENGR 202, MATH 264, CS 233*

*Course required for BS degree but typically taken in junior year and not required to transfer with junior standing. Completion at EvCC recommended if there is space in your schedule for improved junior year preparation.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 90 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Demonstrate analytical problem-solving skills.
- Apply scientific processes.
- Collaborate effectively.
- Communicate technical information.
- Apply engineering design processes.

Non-Discrimination Statement

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status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Fire Science

Fire Science AAS-T

Overview

Fire Science AAS-T (FIGFSAAS) Active: F 2023

The EvCC Associate in Applied Science - Transfer (AAS-T) enables graduates to transfer to a designated college or university. Students complete several general education courses and a large number of technical courses. Upon transfer, students will complete the remainder of the university's general education requirements as well as more advanced courses related to their professional technical career preparation.

Requirements

- All associate degrees require at least 30 units to be earned at Everett Community College, for a potential of 60 transfer units. Of these, a maximum of 30 can come from professional training certificates (non-academic credit), while the remainder can come from prior college courses from other institutions (academic credit).
- Students who have completed FIRE 100 and additionally then complete FIRE 195 may not receive credit for both. Students will receive 22.5 elective units for FIRE 100 and 3.5 additional FIRE elective units for the completion of FIRE 195.
- Students who receive transfer credit for FIRE 100 may not also receive transfer credit for FIRE 106 and/or FIRE 124, and vice versa.
- Only 3 units for PEHW activity courses, numbered 100 and above, may be applied toward the degree.

Required General Education Courses - 20 units

5 units from the DTA Quantitative Skills course list, MATH 107 recommended

ENGL& 101	English Composition I	5
CMST& 210	Interpersonal Communication	5
PSYC& 100	General Psychology	5

Fire Science Core Courses - 30 units

FIRE 101	Intro to Fire Science	5
FIRE 104	Fire Dept Comm Relations	3
FIRE 110	Fire Suppression Systems	3
FIRE 120	Pump Ops/Hydraulics	5
FIRE 200	Fire Company Strategy/Tactics	5
FIRE 203	Bldg Construction/Fire Protect	5
FIRE 246	Fire Codes & Inspections	4

Program Electives - 20 units

Complete 20 units from Public Safety courses. These must be from the Public Safety courses (FIRE, FSA, FSM, EMS, or CJ) not already included in the Fire Science Core.

Additional Electives - 20 units

Complete an additional 20 units from FIRE, FSA, FSM, EMS, CJ, or from the AAS-DTA list (both List A and List B classes accepted)

Remember you are required to complete at least one Diversity course. If you did not take ENGL 101: English Composition (D), you will need to take one in your Additional Electives.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Recognize how fire history, traditions, terminology, and organization form the foundation of today’s fire service.
- Describe the components of a fire service career.
- Demonstrate a public education and fire prevention teaching model.
- Identify and explain fire codes and how they are enforced.
- Critique work, verbally and in writing, using the foundational language of the visual arts.
- Describe and interpret, verbally and in writing, their own and other's work in the chosen program of study.
- Demonstrate proficiency in the use of tools, techniques, and processes relevant to the chosen program of study.
- Create and select a body of work that demonstrates proficiency in the skills and personal creativity within the chosen

program of study.

- Integrate knowledge of the chosen program of study with understanding of the social, historical, and aesthetic context of artistic work.
- Describe educational and/or professional opportunities and objectives in the chosen program of study.

Non-Discrimination Statement

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Geology

Geology AS-T

Overview

Geology AS-T (LRST1AS AST1-GEOL) Active: W 2022

The Associate in Science - Transfer (AS-T) degree is designed for students majoring in sciences, computer science and engineering who wish to transfer to a Washington college or university.

- This is the AS-T in Biological, Environ/Resource, Chemistry, Geology and Earth Sciences Track 1, **Geology Concentration.**

Students earning this degree will normally transfer with junior standing and about half of the lower division general education requirements of the baccalaureate colleges and universities. Remaining general education courses may be taken after transfer and prior to completion of a baccalaureate degree. This degree enables students to concentrate on fulfilling pre-major coursework in their intended field of study.

Requirements

- Though courses in a foreign language are not required in the Associate of Science degree, some universities may require two or three quarters of foreign language for admission or for graduation.
- Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher.
- Students who initially place in a high-level math course do not need to take math courses below that level.
- Be sure to work closely with your program advisor to determine which elective options will be best for you and to review any necessary prerequisites.
- Science sequences (ex PHYS 114-116) should not be broken up between institutions.

Potential Prerequisites

- Prior to starting some of the following courses, students will need to complete ENGL 98 or place into or have taken ENGL 101.
- Prior to starting some of the following courses, students will need to complete the Math prerequisite sequence (MATH 76,

MATH 86, MATH 96, MATH 141, MATH 142) or place into or have taken MATH 151 or higher.

- Prior to CHEM 161, complete CHEM 140 or place into CHEM 161 or higher.
- If chosen as Electives, CHEM& 261, 262, 263 are offered in a sequence of Fall, Winter, Spring only; students must start in the Fall.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units

Required Course

ENGL& 101	English Composition I	5

Quantitative Skills - 10 units

Required Course

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5

Humanities and Social Sciences - 15 units total

No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

Required Courses

5 units from the DTA Humanities Distribution course list

5 units from the DTA Social Sciences Distribution course list

5 units from either of the DTA Humanities or Social Sciences Distribution course lists

Natural Science Courses - 36.5 to 37 units

Required Courses

GEOL 102	Intro to Geological Science I	5
GEOL 104	Intro to Geol Science II	5
GEOL& 103	Historical Geology	5
CHEM& 161	General Chemistry I with Lab	5.5
CHEM& 162	General Chemistry II with Lab	5.5
CHEM& 163	General Chemistry III with Lab	5.5

Required Courses - 5 units from the following

PHYS& 114	General Physics I	5
	Or	
PHYS& 115	General Physics II	5
	Or	

PHYS& 116	General Physics III	5
	Or	
PHYS& 231	Engineering Physics I Lab	1.5
	And	
PHYS& 241	Engineering Physics I	4
	Or	
PHYS& 232	Engineering Physics II Lab	1.5
	And	
PHYS& 242	Engineering Physics II	4
	Or	
PHYS& 233	Engineering Physics III Lab	1.5
	And	
PHYS& 243	Engineering Physics III	4

Electives - 21.5 units required

Required Courses

ATM S 101	Weather	5
	Or	
CHEM& 140	General Chem Prep W/Lab	5
	Or	
CHEM& 261	Organic Chem W/Lab I	6
	Or	
CHEM& 262	Organic Chemistry II with Lab	6
	Or	
CHEM& 263	Organic Chemistry III with Lab	6
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
CS& 131	Computer Science I C++	5
	Or	
CS& 141	Computer Science I Java	5
	Or	
ECON 101	Understanding Economics	5
	Or	
ENGL& 102	Composition II	5
	Or	
ENGL& 235	Technical Writing and Research	5
	Or	
ENVS& 100	Survey Environmental Science	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 264	Calculus 4	5
	Or	

MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5
	Or	
MFG T 103	Machining Lab for Engineers	2
	Or	
MFG T 105	Machine Operator 2	20
	Or	
OCEA& 101	Intro to Oceanography w/Lab	5
	Or	
PHYS& 114	General Physics I	5
	Or	
PHYS& 115	General Physics II	5
	Or	
PHYS& 116	General Physics III	5
	Or	
PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5
	Or	
PHYS& 242	Engineering Physics II	4
	And	
PHYS& 232	Engineering Physics II Lab	1.5
	Or	
PHYS& 243	Engineering Physics III	4
	And	
PHYS& 233	Engineering Physics III Lab	1.5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0,

fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Apply quantitative analysis to solve problems: students will utilize quantitative and graphical analyses to describe biological processes and solve problems posed in assignments.
- Apply the Scientific Method: in reports and presentations, students will demonstrate the application of the scientific method to explain biological processes encountered in classroom, laboratory, and field projects.
- Critically evaluate the science-related content in reports, popular media, and public policy: students will read assigned articles, books, and online resources, and evaluate these sources in the context of the life sciences topics presented in class.
- Effectively communicate scientific processes: students will use the results obtained from experiments, demonstrations, discussions, and field work to produce written reports and oral presentations.

Non-Discrimination Statement

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Graphic and Web Design

Graphic Design and Web Design ATA

Overview

Graphic and Web Design ATA (DMWGWAPT) Active: Su 2025

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Requirements

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 5 units required

Required Courses

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5

Quantitative Skills - 5 units required

Required Courses

5 units from MATH 107 or higher (See the Quantitative Skills list)

Or

BUS 130	Business Computations	5

Human Relations - 3 to 5 units required

Required Courses

BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Note: BUS 110 is a Diversity course. At least 1 Diversity course is required to earn this degree.

First Year: Foundations - 40 units

Required Courses

ART 110	Visual Foundations and Design	5
GRAPH 110	Digital Design Tools/Vis Comm	5
PHOTO 110	Intro to Digital Photography	5
GRAPH 113	Graphic Design Typography	5
GRAPH 115	Infographic Design	5
GRAPH 118	Graphic Design Process	5
GRAPH 120	History of Graphic Design	5
GRAPH 130	Coding for Web Design	5

Second Year: Focus - 32 units required

Required Courses

GRAPH 240	Graphic Design for the Web	5
GRAPH 242	Content Management Systems	5
GRAPH 201	Advertising Design	5
GRAPH 292	Bus Practices Graph Design	2
ART 295	Professional Practices	5
GRAPH 202	Packaging Design	5
	Or	

GRAPH 252	Booklab	5
GRAPH 213	Brand Identity Design	5
	Or	
GRAPH 271	Dynamic Media Design	5

Electives - 1 to 3 units

ART 115	Drawing I	5
	Or	
BUS 150	Principles of Marketing	5
	Or	
GRAPH 202	Packaging Design	5
	Or	
GRAPH 252	Booklab	5
	Or	
GRAPH 297	Poetry NW Graphics Intrn	2-5
	Or	
GRAPH 299	Special Projects	1-5

GRAPH 202 or GRAPH 252 are recommended

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Critique verbally and in writing, visual and media arts using the language of the chosen discipline.
- Create and analyze a body of work that demonstrates personal development and proficiency in the use of tools, techniques, and processes relevant to the chosen discipline of study.
- Integrate knowledge of the chosen discipline of study with an understanding of the social, cultural, historical, and aesthetic context of artistic work.
- Articulate the educational and vocational opportunities available in the chosen discipline of study.

Non-Discrimination Statement

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Graphic Design Certificate

Overview

Graphic Design Certificate (COGGDC20) Active: Su 2025

Students may receive multiple certificates by combining the course requirements, thereby improving career options. To add some related and specialized skills, additional sequences of courses in the following areas can be arranged: Studio Art, Photography, Programming and Networking, and Small Business Management.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses

GRAPH 110	Digital Design Tools/Vis Comm	5
PHOTO 110	Intro to Digital Photography	5
GRAPH 113	Graphic Design Typography	5
GRAPH 115	Infographic Design	5
GRAPH 118	Graphic Design Process	5
GRAPH 201	Advertising Design	5
GRAPH 202	Packaging Design	5
GRAPH 252	Booklab	5
GRAPH 292	Bus Practices Graph Design	2

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 14 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 42

Outcomes

Non-Discrimination Statement

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Web Design Certificate

Overview

Web Design Certificate (DMWIWC20) Active: F 2023

Students may receive multiple certificates by combining the course requirements, thereby improving career options. To add some related and specialized skills, additional sequences of courses in the following areas can be arranged: Studio Art, Photography, Programming and Networking, and Small Business Management.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses

GRAPH 110	Digital Design Tools/Vis Comm	5
GRAPH 113	Graphic Design Typography	5
GRAPH 118	Graphic Design Process	5
GRAPH 130	Coding for Web Design	5
GRAPH 201	Advertising Design	5
GRAPH 240	Graphic Design for the Web	5
GRAPH 242	Content Management Systems	5
GRAPH 292	Bus Practices Graph Design	2

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 12 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all

certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 37

Outcomes

Non-Discrimination Statement

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Healthcare

Healthcare Administration AAS-T

Overview

Healthcare Administration AAS-T Active: Su 2025

The EvCC Associate in Applied Science - Transfer (AAS-T) enables graduates to transfer to a designated college or university. Students complete several general education courses and a large number of technical courses. Upon transfer, students will complete the remainder of the university's general education requirements as well as more advanced courses related to their professional technical career preparation.

Requirements

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2

Required General Education Courses - 20 units

5 units from MATH 107 or higher (See the Quantitative Skills list)

5 units from the Humanities, Social Sciences, or Natural Sciences Distributions course lists

ENGL& 101	English Composition I	5
BUS& 101	Intro to Business	5

Required Core Courses - 63 units

HCM 101	Intro to Healthcare Careers	3
CL 101	Intro to Computer Applications	5
MC 120	Healthcare Vocabulary	5

	Or	
HCM 120	Healthcare Vocabulary	5
MC 143	Pathophysiology & Pharmacology	5
	Or	
HCM 143	Pathophysiology & Pharmacology	5
HCM 180	Principles of Med Insurance	5
HCM 181	Law/Ethics Healthcare Occup	5
HCM 182	Medical Reception	5
BUS 110	Business Communications	5
BUS 150	Principles of Marketing	5
BUS 200	Principles of Management	5
HCM 206	Intro to Healthcare Risk Mgmt	5
HCM 207	Law/Healthcare/Patient Safety	5
HCM 208	Healthcare Risk Mgmt/Liability	5

Program Electives - 5 units

Be sure to work with your Program Advisor to choose 5 units of electives based on your areas of interest. Recommendations include:

- **Business Technology:** BT 105, BT 219, BT 242
- **Computer Literacy:** CL 102-CL 107, CL 110
- **Healthcare Management:** HCM/MC 137, MC 103, MC 147, MC 151
- **General Business:** BUS 104, BUS 105, BUS 135, BUS 165
- **Accounting:** ACCT 110, ACCT 201
- **Economics:** ECON 201, ECON 202
- **Communications:** CMST 220, CMST 230
- **Information Technology:** IT 101
- **General Education:** PSYC 100, PSYC 200, PEHW course

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Act as an effective member of the healthcare team.
- Act as an effective provider of care.
- Demonstrate the ability to communicate orally and in writing.
- Develop a skill set for effective communication and collaboration amongst members of the healthcare team.
- Implement care plan directives from a physician-employer.
- Operate legally and ethically within the healthcare setting.
- Understand risk management in the healthcare setting and understand the role of the risk manager.
- Understand and be able to implement compliance with federal and local agencies in various healthcare settings.
- Define how elements of the medical-legal environment impact the healthcare setting.
- Apply appropriate technology and frameworks to input, manage, and interpret medical information.

Non-Discrimination Statement

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Healthcare Risk Management Certificate

Overview

Healthcare Risk Management Certificate (MISHRC01) Active: F 2023

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses

HCM 206	Intro to Healthcare Risk Mgmt	5
HCM 207	Law/Healthcare/Patient Safety	5
HCM 208	Healthcare Risk Mgmt/Liability	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 15

Outcomes

Non-Discrimination Statement

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Information Technology

Information Technology ATA

Overview

Information Technology ATA (CSTITAPT) - Active F 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Requirements

- **All courses must be completed with a grade of C or higher.**

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college

coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

General Education Required Courses - 18 units

Required Courses

5 units from MATH/TS 86 or higher (See the Quantitative Skills list)

ENGL& 101	English Composition I	5
ENGL& 230	Technical Writing	3
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5

Note: BUS 110 and MATH 146 are recommended.

Technical Required Courses - 60 units minimum

Required Courses

STEM 103	Intro Scripting using Python	3-5
IT 111	Networking 1	5
IT 112	Networking 2	5
IT 113	Networking 3	5
IT 161	Computing Hardware/Tech	5
IT 162	Computing and Troubleshooting	5
IT 175	Asses/Secur Ind Ctrl Sys	5
IT 180	Information Security	5
IT 202	Server Admin Fundamental	5
IT 210	Network Application Support	5
IT 240	Linux Systems Administration	5
IT 251	Computer Careers Intern	1-5
IT 261	Cloud Fundamentals	5

Technical Electives - 10 units

Required Courses

IT 280	Ethical Hacking	5
	Or	
IT 213	Networking 4	5
	Or	
IT 203	Info and Cyber Warfare	5
	Or	
CS 110	Intro to Computer Science	5
	Or	
IT 103	Managing Prsonl Devices	3

	Or	
IT 105	Internet Safety/Security Tech	3
	Or	
IT 107	Living Online	3
	Or	
IT 109	Understand and Managing Apps	3
	Or	
CL 101	Intro to Computer Applications	5

IT 280 – Ethical Hacking – is preferred.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Access business problems and implement the best solutions both independently and as a dependable team member.
- Demonstrate how and when to self-start, especially in learning and seeking new knowledge, and anticipate and prepare for a variety of unknown situations that might impact the operation of a computer system or network in an ever-changing industry.
- Communicate both in writing and verbally about computing concepts and processes using technical terms effectively to both professional and lay audiences in order to secure and maintain employment.
- Operate ethically, integrating law, company rules and policies, and individual decision-making to foster personal growth and better appreciate the diverse world in which we live.

- Demonstrate knowledge of mathematics and logical approaches to problem solving in order to analyze a situation and anticipate and prepare for a variety of unknown events that might impact the operation of a computer system or network.
- Demonstrate technical computing skills to prepare for industry certification or to be technically competent in a particular computer position or job field.
- Demonstrate safe work habits that reflect concern and care for self and understanding of the local and global impact of computing on individuals, organizations, and society in the context of sustainability.

Non-Discrimination Statement

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Information Technology AAS-T

Overview

Information Technology AAS-T (CSTITAAS) Active: F 2023

The EvCC Associate in Applied Science - Transfer (AAS-T) enables graduates to transfer to a designated college or university. Students complete several general education courses and a large number of technical courses. Upon transfer, students will complete the remainder of the university's general education requirements as well as more advanced courses related to their professional technical career preparation.

This degree is designed to transfer to Central Washington University's (CWU) Information Technology and Administrative Management degree. Transfer to CWU requires a cumulative GPA of 2.3 or higher. At least a C- in each course is required to meet admission criteria. Course substitutions require the approval of Central Washington University, and their requirements should always be reviewed directly with them.

Please note that CWU will accept up to 105 transfer units from a community college. The full list of courses can be found in the CWU General Education Transfer Guide.

Requirements

Grading Requirements

- All courses must be completed with a grade of C- or higher.
- An overall GPA of 2.3 is required.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

General Education Required Courses - 18 units

Required Courses

5 units from MATH 107 or higher, MATH 141 recommended (See the Quantitative Skills list)

ENGL& 101	English Composition I	5
ENGL& 230	Technical Writing	3
	Or	
ENGL& 235	Technical Writing and Research	5

Natural Sciences - 5 units from

Fundamental Disciplines of Physical/Biological

BIOL 100, CHEM 121, CHEM 161, GEOL 102, PHYS 114 or 241 and 231.

Patterns Connections in the Natural World

ANTH 215, ASTR 101 or 115, ASTR 122, BIOL 232, ENVS 100 or 101, GEOG 205, GEOL 208, NAT S 105.

Applications of Natural Science

ATM S 101, CHEM 110, GEOL 106 or 110, NUTR 101, OCEA 101

Technical Required Courses

Waivers for any of the required courses may be considered based on verifiable evidence of previously acquired skills. Such waivers can only be granted by one of the approved program advisors. A waiver does not excuse the student from the requirement to earn the minimum number of required units.

Computer Support Specialist Certificate - 23 units

STEM 103	Intro Scripting using Python	3-5
IT 111	Networking 1	5
IT 161	Computing Hardware/Tech	5
IT 162	Computing and Troubleshooting	5
IT 180	Information Security	5

Information Technology Foundation Courses - 37 units

CS 110	Intro to Computer Science	5
CS& 131	Computer Science I C++	5
	Or	
CS& 141	Computer Science I Java	5
IT 112	Networking 2	5
IT 113	Networking 3	5
IT 251	Computer Careers Intern	1-5
IT 202	Server Admin Fundamental	5
IT 210	Network Application Support	5
IT 175	Asses/Secur Ind Ctrl Sys	5

General Education Electives - 10 units

5 units from the DTA Humanities Distribution course list

5 units from the DTA Social Sciences Distribution course list

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Access business problems and implement the best solutions both independently and as a dependable team member.
- Demonstrate how and when to self-start, especially in learning and seeking new knowledge, and anticipate and prepare for a variety of unknown situations that might impact the operation of a computer system or network in an ever-changing industry.
- Communicate both in writing and verbally about computing concepts and processes using technical terms effectively to both professional and lay audiences in order to secure and maintain employment.
- Operate ethically, integrating law, company rules and policies, and individual decision-making to foster personal growth and better appreciate the diverse world in which we live.
- Demonstrate knowledge of mathematics and logical approaches to problem solving in order to analyze a situation and anticipate and prepare for a variety of unknown events that might impact the operation of a computer system or network.
- Demonstrate technical computing skills to prepare for industry certification or to be technically competent in a particular computer position or job field.
- Demonstrate safe work habits that reflect concern and care for self and understanding of the local and global impact of computing on individuals, organizations, and society in the context of sustainability.

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Computer Support Specialist Certificate

Overview

Computer Support Specialist Certificate (CSSCUC20) Active F 2023

The Systems Administrator certificate requires completion of the Computer Support Certificate.

This certificate provides a foundation in computing, networking, and security concepts aimed at jobs in an Information Technology (IT) career pathway. Students will complete certification testing for SEC+ and A+ certifications. These industry certifications are administered as part of the college coursework to enhance your resume when seeking employment.

The Information Technology department offers credit for several industry certifications, including many provided by CompTIA, Cisco, AZURE, Linux Professional Institute, Amazon Web Services, and Certified Ethical Hacker. A complete list of accepted certificates is available on the IT Department homepage. For those students who have worked in the IT industry, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

STEM 103 is a variable-unit course with a range of 3 to 5 units. The certificate only requires 3 units.

Required Courses		
STEM 103	Intro Scripting using Python	3-5
IT 111	Networking 1	5
IT 161	Computing Hardware/Tech	5
IT 162	Computing and Troubleshooting	5
IT 180	Information Security	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 7 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 23

Outcomes

Non-Discrimination Statement

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Cybersecurity Analyst Certificate

Overview

Cybersecurity Analyst Certificate (CFCCAC01)

The Cybersecurity Analyst Certificate requires completion of IT 145, IT 245, and IT 280. These courses have prerequisites that are included here for your convenience. (These are not part of the certificate itself.) Be sure to discuss these with your program advisor.

This certificate is meant to be taken alongside another program certificates such as:

- Computer Support Specialist Certificate
- Systems Administrator Certificate

This certificate provides the baseline knowledge and technical skills required for students to analyze computer and network vulnerabilities. You will learn methods to detect and remove malicious code within a network and tools used by hackers to gain access into networks. You will complete certification testing for the CompTIA Cybersecurity Analyst (CySA+) certificate. These industry certifications are administered as part of the college coursework to enhance your resume when seeking employment.

The Information Technology department offers credit for several industry certifications, including many provided by CompTIA, Cisco, AZURE, Linux Professional Institute, Amazon Web Services, and Certified Ethical Hacker. A complete list of accepted certificates is available on the IT Department homepage. For those students who have worked in the IT industry, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Course Prerequisites		
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
STEM 103	Intro Scripting using Python	3-5
IT 111	Networking 1	5
IT 161	Computing Hardware/Tech	5
IT 162	Computing and Troubleshooting	5

IT 180	Information Security	5
IT 202	Server Admin Fundamental	5
IT 240	Linux Systems Administration	5

Required Courses

IT 145	Digital Forensics	5
IT 245	Network Defense	5
IT 280	Ethical Hacking	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 15

Outcomes

Non-Discrimination Statement

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Network Administrator Certificate

Overview

Network Administrator Certificate (SYANAC20) Active F 2023

This certificate provides more advanced computer network systems. You will complete Certification testing for Cisco Certified Networking Associate (CCNA) certifications. These industry certifications are administered as part of the college coursework to enhance your resume when seeking employment.

The Information Technology department offers credit for several industry certifications, including many provided by CompTIA, Cisco, AZURE, Linux Professional Institute, Amazon Web Services, and Certified Ethical Hacker. A complete list of accepted certificates is available on the IT Department homepage. For those students who have worked in the IT industry, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**
- Be sure to discuss your plan with your program advisor. Prerequisites may be waived depending on prior experience.

Potential Prerequisites		
STEM 103	Intro Scripting using Python	3-5
IT 111	Networking 1	5
Required Courses		
IT 112	Networking 2	5
IT 113	Networking 3	5
IT 213	Networking 4	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 15

Outcomes

Non-Discrimination Statement

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Systems Administrator Certificate

Overview

Systems Administrator Certificate (SYASAC20) Active F 2023

The Systems Administrator certificate requires completion of the Computer Support Certificate.

This certificate provides a foundation in computer server systems concepts. You will complete certification testing for Linux Professional Institute’s Linux Essentials, and the CompTIA Cloud Essentials industry certifications. These industry certifications are administered as part of the college coursework to enhance your resume when seeking employment.

The Information Technology department offers credit for several industry certifications, including many provided by CompTIA, Cisco, AZURE, Linux Professional Institute, Amazon Web Services, and Certified Ethical Hacker. A complete list of accepted certificates is available on the IT Department homepage. For those students who have worked in the IT industry, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Computer Support Specialist Certificate Courses - 23 units

Required Courses

STEM 103	Intro Scripting using Python	3-5
IT 111	Networking 1	5
IT 161	Computing Hardware/Tech	5
IT 162	Computing and Troubleshooting	5
IT 180	Information Security	5

Note: STEM 103 is a variable-unit course with a range of 3 to 5 units. The certificate only requires 3 units.

Systems Administrator Required Courses - 20 units

Required Courses

IT 202	Server Admin Fundamental	5
IT 210	Network Application Support	5
IT 240	Linux Systems Administration	5
IT 261	Cloud Fundamentals	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 14 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

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Mechatronics

AMT in Mechatronics ATA

Overview

Advanced Manufacturing Technology in Mechatronics ATA (IMMATAPT) Active: Sp 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or to the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to https://www.cwu.edu/academics/it-management/ or www.cptc.edu/programs/basmo for more information.

Outcomes

Program Learning Outcomes

- Understand and explain the principal operations of the mechatronics subsystems in a complex system.
- Understand how these subsystems work together.
- Recognize potential or impending malfunctions and contact expert assistance in order to keep the production line functioning, and to prevent production loss.
- Perform routine, preventative maintenance; localize and identify causes and sources of malfunctions where possible.
- Read and understand the technical documents, reports and outlines specific to systems and subsystems; be able to consult with experts; and be able to document malfunctions.
- Work effectively as a team member and coordinate the activities with upstream and downstream operations.
- Understand and implement safety regulations required for the operation of the system.
- Be prepared for successful employment.

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Mechatronics Systems Certificate

Overview

Mechatronics Systems Certificate (MTCMYC01) Active: Sp 2019

AMTEC Certificates are stackable

This certificate may be considered a stand-alone credential for people seeking to enter the manufacturing field, or as part of a stackable set of certificates in the EvCC Advanced Manufacturing degree pathway.

The Mechatronics Department often offers credit for knowledge gained through work experience in mechatronics-related fields. If students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
MECH 120	Electrical Components	5
MECH 121	Mechanical Components	5
MECH 122	Elec-Pneumatic Ctrl Circuits	5
MECH 123	Digital Fundamentals	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 19

Outcomes

Non-Discrimination Statement

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Robotics Foundations Certificate

Overview

Robotics Foundations Certificate (ROTRFC01) Active: Sp 2019

The Mechatronics Department often offers credit for knowledge gained through work experience in mechatronics-related fields. If students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More

information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Requirements

- **The following course must be completed with a grade of C (2.0) or higher.**

Required Course		
MECH 119	Introduction to Robotics	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 5

Outcomes

Non-Discrimination Statement

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Medical Assisting

Medical Assistant ATA

Overview

Medical Assistant ATA (MLAMAAPT) Active: Su 2024

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Medical Assistant Certificate requires completion of 73 or 74 units.

The Medical Assistant Associate in Technical Arts (ATA) requires additional electives to total 90 units.

Note: Successful completion of Everett Community College's accredited program, along with passage of one of the five national certification exams, meets Washington State requirements to legally work as a medical assistant

Requirements

Phase One: Breaking Ground on Your Pathway

- Explore the EvCC Medical Assistant Homepage.
- Meet with a faculty advisor.
- Complete EvCC Self-Directed English Placement
- Grade minimum of a C (2.0 or better grade) in each course used to fulfil graduation requirements.
- All courses must be taken prior to Clinical Practicum (HLTH 251).
- Immunizations - start as soon as possible. They take 8-9 months to complete.
- BLS pre-req - take HLTH 109: First Aid and Basic Life Support (AHA CPR) or obtain certificate from community resources (information available at HPSC).
- Submit Medical Assisting “Demographic, Criminal History Technical Standards” e-form.
- Criminal history issues - Discuss with faculty advisor.
- Advising topics may include number of courses to be taken per quarter, if student will not be taking courses during certain quarters, plans to work towards the University Transfer degree, official Transfer Credit Evaluation process (student initiated) or if a Course Waiver and Substitution process is needed (advisor initiated), and a Diploma Application should be submitted during the pre-Clinicals quarter (student initiated).

Phase Two: Foundations for Your Pathway - 23 units

Required Courses

BUS 130 or MATH/TS 76 or higher (See the Quantitative Skills list (p. 473))		
HP 101	Coll Success for Health Prof	2
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
HLTH 100	Medical Terminology	5
	And	
HLTH 102	Applied A & P	5
	Or	
BIOL& 231	Human Anatomy	5
	And	
BIOL& 232	Human Physiology	5
HLTH 109	First Aid & Basic Life Support	1

Note: HLTH 109 or certification through community resources is required.

Phase Three: Framing Your Pathway - 33 or 34 units

Prerequisite and Concurrency Information

- HTLH 130 requires completion of HLTH 102.
- HLTH 135, HLTH 136, and HLTH 150 require completion of ENGL 101.
- HLTH 135, HLTH 136, HLTH 150, and HLTH 205 can all be taken concurrently with either HLTH 100 or HLTH 102.
- HLTH 231 and HLTH 232 require immunizations before Instructor Permission will be granted.

Required Courses

HLTH 130	Disease & Pathology	4
	Or	
BIOL 105	Disease In Modern Society	5
	Or	
ANTH& 206	Cultural Anthropology	5
	And	
BIOL& 231	Human Anatomy	5
	And	
BIOL& 232	Human Physiology	5
HLTH 135	Admin Skills: OfficeManagemnt	4
HLTH 136	Admin Skills: Practice Finance	4
HLTH 150	Intercultural Comm in Hlthcare	5
HLTH 205	Medical Law and Ethics	4
HLTH 210	Principles of Pharmacology	4
HLTH 231	Clinical Skills - Surgical	4
HLTH 232	Clinical Laboratory Skills	4

Phase Four: Finishing Your Pathway - 19 units

After completion of Phase Four, you will have earned the Medical Assistant Certificate.

- *All vaccines are needed prior to Phase Four classes.*

Required Courses

HLTH 241	Medication Administration	4
HLTH 242	Principles of Phlebotomy	4
HLTH 243	Clinical Skills - Ambulatory	5
HLTH 251	Clinical Practicum	6

General Electives Required to Earn the Medical Assistant ATA

General Electives can be taken at any time.

Electives - Choose 14 or 15 units of 100-level or higher courses.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Students will provide holistic care to patients; analyze data for clinical reasoning, provide culturally competent, therapeutic health care; to meet healthcare industry standards. Students will be assessed through simulated clinical experiences, homework assignments, projects, role-play scenarios and testing situations.
- Students will demonstrate professionalism in the role of medical assisting; abide by ethical, legal, and professional standards within the scope of practice, demonstrate self-awareness, critical thinking, communication, and collaborate effectively with the health care team. Students will be assessed through simulated clinical experiences, homework assignments, projects, role play scenarios and testing situations.

Non-Discrimination Statement

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Medical Assistant AAS-T

Overview

Medical Assistant AAS-T (MLAMAAAS) Active: Su 2024

The EvCC Associate in Applied Science - Transfer (AAS-T) enables graduates to transfer to a designated college or university. Students complete several general education courses and a large number of technical courses. Upon transfer, students will complete the remainder of the university’s general education requirements as well as more advanced courses related to their professional technical career preparation.

This information is a guide for students who wish to transfer to Center Washington University's Information Technology and

Administrative Management (ITAM) program, leading to a Bachelor of Applied Science, or City University of Seattle's Bachelor of Health Administration (BSHA). Students should meet with an advisor and maintain this checklist while at Everett Community College. Instructor permission and/or prerequisites are required for many courses.

Note: Successful completion of Everett Community College's accredited program, along with passage of one of the five national certification exams, meets Washington State requirements to legally work as a medical assistant.

Requirements

Phase One: Breaking Ground on Your Pathway

- Explore the EvCC Medical Assistant Homepage.
- Meet with a faculty advisor.
- Complete EvCC Self-Directed English Placement
- Grade minimum of a C (2.0 or better grade) in each course used to fulfil graduation requirements.
- All courses must be taken prior to Clinical Practicum (HLTH 251).
- Immunizations - start as soon as possible. They take 8-9 months to complete.
- BLS pre-req - take HLTH 109: First Aid and Basic Life Support (AHA CPR) or obtain certificate from community resources (information available at HPSC).
- Submit Medical Assisting “Demographic, Criminal History Technical Standards” e-form.
- Criminal history issues - Discuss with faculty advisor.
- Advising topics may include number of courses to be taken per quarter, if student will not be taking courses during certain quarters, plans to work towards the University Transfer degree, official Transfer Credit Evaluation process (student initiated) or if a Course Waiver and Substitution process is needed (advisor initiated), and a Diploma Application should be submitted during the pre-Clinicals quarter (student initiated).

Phase Two: Foundations for Your Pathway - 21 units

Required Courses

BUS 130 or MATH/TS 76 or higher (See the Quantitative Skills list
)

HP 101	Coll Success for Health Prof	2
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
HLTH 100	Medical Terminology	5
	And	
HLTH 102	Applied A & P	5
	Or	
BIOL& 231	Human Anatomy	5

	And	
BIOL& 232	Human Physiology	5
HLTH 109	First Aid & Basic Life Support	1

Note: HLTH 109 or certification through community resources is required.

Phase Three: Framing Your Pathway - 33 or 34 units

Prerequisite and Concurrency Information

- HTLH 130 requires completion of HLTH 102.
- HLTH 135, HLTH 136, and HLTH 150 require completion of ENGL 101.
- HLTH 135, HLTH 136, HLTH 150, and HLTH 205 can all be taken concurrently with either HLTH 100 or HLTH 102.
- HLTH 231 and HLTH 232 require immunizations before Instructor Permission will be granted.

Required Courses

HLTH 130	Disease & Pathology	4
	Or	
BIOL 105	Disease In Modern Society	5
	Or	
ANTH& 206	Cultural Anthropology	5
	And	
BIOL& 231	Human Anatomy	5
	And	
BIOL& 232	Human Physiology	5
HLTH 135	Admin Skills: OfficeManagemnt	4
HLTH 136	Admin Skills: Practice Finance	4
HLTH 150	Intercultural Comm in Hlthcare	5
HLTH 205	Medical Law and Ethics	4
HLTH 210	Principles of Pharmacology	4
HLTH 231	Clinical Skills - Surgical	4
HLTH 232	Clinical Laboratory Skills	4

Phase Four: Finishing Your Pathway - 19 units

After completion of Phase Four, you will have earned the Medical Assistant Certificate.

- *All vaccines are needed prior to Phase Four classes.*

Required Courses

HLTH 241	Medication Administration	4
HLTH 242	Principles of Phlebotomy	4
HLTH 243	Clinical Skills - Ambulatory	5
HLTH 251	Clinical Practicum	6

Additional Requirements to Earn the Medical Assistant AAS-T - 23 units

- Additional requirements may be taken at any time.
- For ITAM or BSHA transfer.
- Be sure to consult with your program advisor to verify unit and course requirements.

Required Courses

ENGL& 102	Composition II	5
	Or	
ENGL 103	The Critical Paper	5
MATH& 107	Math In Society	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 151	Calculus I	5
CS& 131	Computer Science I C++	5
	Or	
PHIL& 120	Symbolic Logic	5
BIOL& 100	Survey of Biology	5
	Or	
CHEM& 121	Introduction to Chemistry	5
	Or	
CHEM& 161	General Chemistry I with Lab	5.5
	Or	
GEOL 102	Intro to Geological Science I	5
	Or	
PHYS& 114	General Physics I	5
	Or	
PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5

Additional Elective Requirement - 3 units from

BUS 101, DRMA 101, FILM 100, HUM 101, MUSC 105, MUSC 110, MUSC 115, MUSC 116, or any course that meets CWU General Education requirements and is approved by an advisor.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 99

Outcomes

Program Learning Outcomes

- Students will provide holistic care to patients; analyze data for clinical reasoning, provide culturally competent, therapeutic health care; to meet healthcare industry standards. Students will be assessed through simulated clinical experiences, homework assignments, projects, role-play scenarios and testing situations.
- Students will demonstrate professionalism in the role of medical assisting; abide by ethical, legal, and professional standards within the scope of practice, demonstrate self-awareness, critical thinking, communication, and collaborate effectively with the health care team. Students will be assessed through simulated clinical experiences, homework assignments, projects, role play scenarios and testing situations.

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Medical Assistant Certificate

Overview

Medical Assistant Certificate (MLAMAC45) Active: F 2023

The Medical Assistant Certificate requires completion of 73 or 74 units.

The Medical Assistant Associate in Technical Arts (ATA) requires additional electives to total 90 units.

The Medical Assistant Associate of Applied Science - Transfer (AAS-T) requires additional courses to total 99 units.

Note: Successful completion of Everett Community College's accredited program, along with passage of one of the five national certification exams, meets Washington State requirements to legally work as a medical assistant

Requirements

Phase One: Breaking Ground on Your Pathway

- Explore the EvCC Medical Assistant Homepage.
- Meet with a faculty advisor.
- Complete EvCC Self-Directed English Placement
- Grade minimum of a C (2.0 or better grade) in each course used to fulfil graduation requirements.
- All courses must be taken prior to Clinical Practicum (HLTH 251).
- Immunizations - start as soon as possible. They take 8-9 months to complete.
- BLS pre-req - take HLTH 109: First Aid and Basic Life Support (AHA CPR) or obtain certificate from community resources (information available at HPSC).
- Submit Medical Assisting “Demographic, Criminal History Technical Standards” e-form.
- Criminal history issues - Discuss with faculty advisor.
- Advising topics may include number of courses to be taken per quarter, if student will not be taking courses during certain quarters, plans to work towards the University Transfer degree, official Transfer Credit Evaluation process (student initiated) or if a Course Waiver and Substitution process is needed (advisor initiated), and a Diploma Application should be submitted during the pre-Clinicals quarter (student initiated).
- **All courses must be completed with a grade of C (2.0) or higher.**

Phase Two: Foundations for Your Pathway - 21 units

Required Courses

BUS 130 or MATH/TS 76 or higher (See the Quantitative Skills list
)

ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
HLTH 100	Medical Terminology	5
	And	
HLTH 102	Applied A & P	5
	Or	
BIOL& 231	Human Anatomy	5
	And	
BIOL& 232	Human Physiology	5
HLTH 109	First Aid & Basic Life Support	1

Note: HLTH 109 or certification through community resources is required.

Phase Three: Framing Your Pathway - 33 or 34 units

Prerequisite and Concurrency Information

- HTLH 130 requires completion of HLTH 102.
- HLTH 135, HLTH 136, and HLTH 150 require completion of ENGL 101.
- HLTH 135, HLTH 136, HLTH 150, and HLTH 205 can all be taken concurrently with either HLTH 100 or HLTH 102.
- HLTH 231 and HLTH 232 require immunizations before Instructor Permission will be granted.

Required Courses

HLTH 130	Disease & Pathology	4
	Or	
BIOL 105	Disease In Modern Society	5
	Or	
ANTH& 206	Cultural Anthropology	5
	And	
BIOL& 231	Human Anatomy	5
	And	
BIOL& 232	Human Physiology	5
HLTH 135	Admin Skills: OfficeManagemnt	4
HLTH 136	Admin Skills: Practice Finance	4
HLTH 150	Intercultural Comm in Hlthcare	5
HLTH 205	Medical Law and Ethics	4
HLTH 210	Principles of Pharmacology	4
HLTH 231	Clinical Skills - Surgical	4
HLTH 232	Clinical Laboratory Skills	4

Phase Four: Finishing Your Pathway - 19 units

After completion of Phase Four, you will have earned the Medical Assistant Certificate.

- *All vaccines are needed prior to Phase Four classes.*

Required Courses

HLTH 241	Medication Administration	4
HLTH 242	Principles of Phlebotomy	4
HLTH 243	Clinical Skills - Ambulatory	5
HLTH 251	Clinical Practicum	6

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 24 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be

found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 73-74

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Medical Spanish Interpreter

Medical Interpreter - Spanish - Certificate

Overview

Medical Spanish Interpreter Certificate (FLLMSC01)

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
HLTH 100	Medical Terminology	5
HLTH 160	Medical Interpreting-Spanish	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 3 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 10

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints

regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Multi-Occupational Trades

Multi-Occupational Trades ATA - Fire Fighter

Overview

ATA in Multi-Occupational Trades (MSOMTAPT 1499A_APT), Active: Sp 2023

Using the Fire Fighter Apprenticeship Certification (FSAFOAPR)

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Multi-Occupational Trades ATA is a degree pathway for individuals who have completed an approved apprenticeship program through one of Everett CC's apprenticeship partners. To earn the degree, the apprentice combines an earned journey status of a minimum of 5200 documented apprenticeship On-the-Job Training hours and 450 hours of related apprenticeship training with an additional 23-25 units in specific college coursework.

The program uses the Apprenticeship Hours as the technical body of the degree (equivalent to 60 units). Related instruction includes 30 units earned in communications, human relations, quantitative skills, a designated diversity course not duplicating the previous courses, and WSCC approved electives.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

Apprenticeship Requirements

Proof of apprenticeship may be provided by the presentation of the original Journeyman's card. College staff in the Aerospace and Advanced Manufacturing Careers division will provide the approval. Students should attach a copy of the journeyman's card to the degree application.

- Completion of 5,200 hours of OJT certified by the Apprenticeship program.

Approval Signature:

Date:

- Completion of 450 hours of related training certified by the Apprenticeship program

Approval Signature:

Date:

Notes on ATA Requirements or Optional Courses

You may complete elective units to satisfy the ATA degree requirements in this program. These should be technical in nature

but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for the details necessary to complete the ATA.

This also applies if you are interested in pursuing another credential here at EvCC.

Related Instruction

You may not count any course in more than one category. Example: CMST 210 cannot satisfy both the Communication and the Human Relations requirements

Communication Skills - 5 units

Required Course		
ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Diversity - 5 units

Select any additional course with the Diversity Attribute. (This cannot duplicate other courses.)

5 units from the Diversity course list

Human Relations - 3 to 5 units

If H DEV 155 is selected, 2 additional units will be required.

Required Course		
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Quantitative Skills - 5 units

Required Course		
ENGR 240	Applied Numerical Methods	5
	Or	
MATH& 107	Math In Society	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	

MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5
	Or	
MATH& 152	Calculus II	5
	Or	
MATH& 163	Calculus 3	5
	Or	
MATH& 264	Calculus 4	5
	Or	
MATH 138	Applied College Algebra	5
	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5

WSCC Approved Electives - 10 to 12 units to bring total units to 30

- Courses may be in any discipline but may not duplicate the courses selected above.
- The courses chosen should enhance job effectiveness.
- Courses can be substituted based on the apprenticeship program.

Required Courses

BUS& 101	Intro to Business	5
	Or	
BUS 200	Principles of Management	5
	Or	
CL 101	Intro to Computer Applications	5
	Or	
SPAN& 121	Spanish I	5
	Or	
SPAN& 122	Spanish II	5
	Or	
SPAN& 123	Spanish III	5
	Or	
SPAN& 221	Spanish IV	5
	Or	
SPAN& 222	Spanish V	5
	Or	
SPAN& 223	Spanish VI	5

Total Units from the Apprenticeship: 60
Total Units from Related Instruction: 30
Total Units Required: 90

Optional Courses

You may take additional optional courses if you are interested in pursuing another credential here at EvCC. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course,

for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for additional information.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Multi-Occupational Trades ATA - Industrial Maintenance/Automation Technician

Overview

ATA in Multi-Occupational Trades (MSOMTAPT 2255A_APT), Active: Sp 2023

Using the Industrial Maintenance/Automation Technician Apprenticeship Certification (IMMIAAPR)

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Multi-Occupational Trades ATA is a degree pathway for individuals who have completed an approved apprenticeship program through one of Everett CC's apprenticeship partners. To earn the degree, the apprentice combines an earned journey status of a minimum of 5200 documented apprenticeship On-the-Job Training hours and 450 hours of related apprenticeship training with an additional 23-25 units in specific college coursework.

The program uses the Apprenticeship Hours as the technical body of the degree (equivalent to 60 units). Related instruction includes 30 units earned in communications, human relations, quantitative skills, a designated diversity course not duplicating the previous courses, and JATC approved electives.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

Apprenticeship Requirements

Proof of apprenticeship may be provided by the presentation of the original Journeyman's card. College staff in the Aerospace and Advanced Manufacturing Careers division will provide the approval. Students should attach a copy of the journeyman's card to the degree application.

- Completion of 5,200 hours of OJT certified by the Apprenticeship program.

Approval Signature:

Date:

- Completion of 450 hours of related training certified by the Apprenticeship program

Approval Signature:

Date:

Notes on ATA Requirements or Optional Courses

You may complete elective units to satisfy the ATA degree requirements in this program. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for the details necessary to complete the ATA.

This also applies if you are interested in pursuing another credential here at EvCC.

Related Instruction

You may not count any course in more than one category. Example: CMST 210 cannot satisfy both the Communication and the Human Relations requirements

Communication Skills - 5 units

Required Course

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Diversity - 5 units

Select any additional course with the Diversity Attribute. (This cannot duplicate other courses.)

5 units from the Diversity course list

Human Relations - 3 to 5 units

If H DEV 155 is selected, 2 additional units will be required.

Required Course		
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Quantitative Skills - 5 units

Required Course		
ENGR 240	Applied Numerical Methods	5
	Or	
MATH& 107	Math In Society	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5
	Or	
MATH& 152	Calculus II	5
	Or	
MATH& 163	Calculus 3	5
	Or	
MATH& 264	Calculus 4	5
	Or	
MATH 138	Applied College Algebra	5
	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5

JATC Approved Electives - 10 to 12 units to bring total units to 30

- Courses may be in any discipline but may not duplicate the courses selected above. The courses chosen should enhance

job effectiveness.

- Courses can be substituted based on the apprenticeship program.
- Written approval from the JATC must accompany any course selection not listed below. Provide a copy of JATC letter or e-mail with application for graduation.

Required Courses

BUS& 101	Intro to Business	5
	Or	
BUS 200	Principles of Management	5
	Or	
CL 101	Intro to Computer Applications	5
	Or	
SPAN& 121	Spanish I	5
	Or	
SPAN& 122	Spanish II	5
	Or	
SPAN& 123	Spanish III	5
	Or	
SPAN& 221	Spanish IV	5
	Or	
SPAN& 222	Spanish V	5
	Or	
SPAN& 223	Spanish VI	5

Total Units from the Apprenticeship: 60
Total Units from Related Instruction: 30
Total Units Required: 90

Optional Courses

You may take additional optional courses if you are interested in pursuing another credential here at EvCC. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for additional information.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Multi-Occupational Trades ATA - Lineman

Overview

ATA in Multi-Occupational Trades (MSOMTAPT 0076_APT), Active: Sp 2023

Using the Lineman Apprenticeship Certification (LINLIAAPR)

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Multi-Occupational Trades ATA is a degree pathway for individuals who have completed an approved apprenticeship program through one of Everett CC's apprenticeship partners. To earn the degree, the apprentice combines an earned journey status of a minimum of 5200 documented apprenticeship On-the-Job Training hours and 450 hours of related apprenticeship training with an additional 23-25 units in specific college coursework.

The program uses the Apprenticeship Hours as the technical body of the degree (equivalent to 60 units). Related instruction includes 30 units earned in communications, human relations, quantitative skills, a designated diversity course not duplicating the previous courses, and SCPUD approved electives.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

Apprenticeship Requirements

Proof of apprenticeship may be provided by the presentation of the original Journeyman's card. College staff in the Aerospace and Advanced Manufacturing Careers division will provide the approval. Students should attach a copy of the journeyman's card to the degree application.

- Completion of 5,200 hours of OJT certified by the Apprenticeship program.

Approval Signature:

Date:

- Completion of 450 hours of related training certified by the Apprenticeship program

Approval Signature:

Date:

Notes on ATA Requirements or Optional Courses

You may complete elective units to satisfy the ATA degree requirements in this program. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for the details necessary to complete the ATA.

This also applies if you are interested in pursuing another credential here at EvCC.

Related Instruction

You may not count any course in more than one category. Example: CMST 210 cannot satisfy both the Communication and the Human Relations requirements

Communication Skills - 5 units

Required Course

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Diversity - 5 units

Select any additional course with the Diversity Attribute. (This cannot duplicate other courses.)

5 units from the Diversity course list

Human Relations - 3 to 5 units

If H DEV 155 is selected, 2 additional units will be required.

Required Course

BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Quantitative Skills - 5 units

Required Course

ENGR 240	Applied Numerical Methods	5
	Or	
MATH& 107	Math In Society	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5
	Or	
MATH& 152	Calculus II	5
	Or	
MATH& 163	Calculus 3	5
	Or	
MATH& 264	Calculus 4	5
	Or	
MATH 138	Applied College Algebra	5
	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5

SCPUD Approved Electives - 10 to 12 units to bring total units to 30

- Courses may be in any discipline but may not duplicate the courses selected above.
- The courses chosen should enhance job effectiveness.
- Courses can be substituted based on the apprenticeship program.

Required Courses

BUS& 101	Intro to Business	5
	Or	
BUS 200	Principles of Management	5
	Or	
CL 101	Intro to Computer Applications	5
	Or	
SPAN& 121	Spanish I	5
	Or	
SPAN& 122	Spanish II	5
	Or	
SPAN& 123	Spanish III	5
	Or	
SPAN& 221	Spanish IV	5
	Or	

SPAN& 222	Spanish V	5
	Or	
SPAN& 223	Spanish VI	5

Total Units from the Apprenticeship: 60
Total Units from Related Instruction: 30
Total Units Required: 90

Optional Courses

You may take additional optional courses if you are interested in pursuing another credential here at EvCC. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for additional information.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Multi-Occupational Trades ATA - Machinist

Overview

ATA in Multi-Occupational Trades (MSOMTAPT 1828A_APT), Active: Sp 2023

Using the Machinist Apprenticeship Certification (MTCMAAPR)

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Multi-Occupational Trades ATA is a degree pathway for individuals who have completed an approved apprenticeship program through one of Everett CC's apprenticeship partners. To earn the degree, the apprentice combines an earned journey status of a minimum of 5200 documented apprenticeship On-the-Job Training hours and 450 hours of related apprenticeship training with an additional 23-25 units in specific college coursework.

The program uses the Apprenticeship Hours as the technical body of the degree (equivalent to 60 units). Related instruction includes 30 units earned in communications, human relations, quantitative skills, a designated diversity course not duplicating the previous courses, and JATC approved electives.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

Apprenticeship Requirements

Proof of apprenticeship may be provided by the presentation of the original Journeyman's card. College staff in the Aerospace and Advanced Manufacturing Careers division will provide the approval. Students should attach a copy of the journeyman's card to the degree application.

- Completion of 5,200 hours of OJT certified by the Apprenticeship program.

Approval Signature:

Date:

- Completion of 450 hours of related training certified by the Apprenticeship program

Approval Signature:

Date:

Notes on ATA Requirements or Optional Courses

You may complete elective units to satisfy the ATA degree requirements in this program. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for the details necessary to complete the ATA.

This also applies if you are interested in pursuing another credential here at EvCC.

Related Instruction

You may not count any course in more than one category. Example: CMST 210 cannot satisfy both the Communication and the Human Relations requirements

Communication Skills - 5 units

Required Course		
ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Diversity - 5 units

Select any additional course with the Diversity Attribute. (This cannot duplicate other courses.)

5 units from the Diversity course list

Human Relations - 3 to 5 units

If H DEV 155 is selected, 2 additional units will be required.

Required Course		
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Quantitative Skills - 5 units

Required Course		
ENGR 240	Applied Numerical Methods	5
	Or	
MATH& 107	Math In Society	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5

	Or	
MATH& 152	Calculus II	5
	Or	
MATH& 163	Calculus 3	5
	Or	
MATH& 264	Calculus 4	5
	Or	
MATH 138	Applied College Algebra	5
	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5

JATC Approved Electives - 10 to 12 units to bring total units to 30

- Courses may be in any discipline but may not duplicate the courses selected above. The courses chosen should enhance job effectiveness.
- Courses can be substituted based on the apprenticeship program.
- Written approval from the JATC must accompany any course selection not listed below. Provide a copy of JATC letter or e-mail with application for graduation.

Required Courses

BUS& 101	Intro to Business	5
	Or	
BUS 200	Principles of Management	5
	Or	
CL 101	Intro to Computer Applications	5
	Or	
SPAN& 121	Spanish I	5
	Or	
SPAN& 122	Spanish II	5
	Or	
SPAN& 123	Spanish III	5
	Or	
SPAN& 221	Spanish IV	5
	Or	
SPAN& 222	Spanish V	5
	Or	
SPAN& 223	Spanish VI	5

Total Units from the Apprenticeship: 60
Total Units from Related Instruction: 30
Total Units Required: 90

Optional Courses

You may take additional optional courses if you are interested in pursuing another credential here at EvCC. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for additional information.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Multi-Occupational Trades ATA - Meterman

Overview

ATA in Multi-Occupational Trades (MSOMTAPT 0076C_APT), Active: Sp 2023

Using the Meterman Apprenticeship Certification (LINMEAPR)

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Multi-Occupational Trades ATA is a degree pathway for individuals who have completed an approved apprenticeship program through one of Everett CC's apprenticeship partners. To earn the degree, the apprentice combines an earned journey status of a minimum of 5200 documented apprenticeship On-the-Job Training hours and 450 hours of related apprenticeship training with an additional 23-25 units in specific college coursework.

The program uses the Apprenticeship Hours as the technical body of the degree (equivalent to 60 units). Related instruction includes 30 units earned in communications, human relations, quantitative skills, a designated diversity course not duplicating the previous courses, and SCPUD approved electives.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

Apprenticeship Requirements

Proof of apprenticeship may be provided by the presentation of the original Journeyman's card. College staff in the Aerospace and Advanced Manufacturing Careers division will provide the approval. Students should attach a copy of the journeyman's card to the degree application.

- Completion of 5,200 hours of OJT certified by the Apprenticeship program.

Approval Signature:

Date:

- Completion of 450 hours of related training certified by the Apprenticeship program

Approval Signature:

Date:

Notes on ATA Requirements or Optional Courses

You may complete elective units to satisfy the ATA degree requirements in this program. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for the details necessary to complete the ATA.

This also applies if you are interested in pursuing another credential here at EvCC.

Related Instruction

You may not count any course in more than one category. Example: CMST 210 cannot satisfy both the Communication and the Human Relations requirements

Communication Skills - 5 units

Required Course

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Diversity - 5 units

Select any additional course with the Diversity Attribute. (This cannot duplicate other courses.)

5 units from the Diversity course list

Human Relations - 3 to 5 units

If H DEV 155 is selected, 2 additional units will be required.

Required Course		
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Quantitative Skills - 5 units

Required Course		
ENGR 240	Applied Numerical Methods	5
	Or	
MATH& 107	Math In Society	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5
	Or	
MATH& 152	Calculus II	5
	Or	
MATH& 163	Calculus 3	5
	Or	
MATH& 264	Calculus 4	5
	Or	
MATH 138	Applied College Algebra	5
	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5

SCPUD Approved Electives - 10 to 12 units to bring total units to 30

- Courses may be in any discipline but may not duplicate the courses selected above.
- The courses chosen should enhance job effectiveness.
- Courses can be substituted based on the apprenticeship program.

Required Courses

BUS& 101	Intro to Business	5
	Or	
BUS 200	Principles of Management	5
	Or	
CL 101	Intro to Computer Applications	5
	Or	
SPAN& 121	Spanish I	5
	Or	
SPAN& 122	Spanish II	5
	Or	
SPAN& 123	Spanish III	5
	Or	
SPAN& 221	Spanish IV	5
	Or	
SPAN& 222	Spanish V	5
	Or	
SPAN& 223	Spanish VI	5

Total Units from the Apprenticeship: 60
Total Units from Related Instruction: 30
Total Units Required: 90

Optional Courses

You may take additional optional courses if you are interested in pursuing another credential here at EvCC. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for additional information.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Multi-Occupational Trades ATA - Plastic Process Technician

Overview

ATA in Multi-Occupational Trades (MSOMTAPT 1828B_APT), Active: Sp 2023

Using the Plastic Process Technician Apprenticeship Certification (PETPPAPR)

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Multi-Occupational Trades ATA is a degree pathway for individuals who have completed an approved apprenticeship program through one of Everett CC's apprenticeship partners. To earn the degree, the apprentice combines an earned journey status of a minimum of 5200 documented apprenticeship On-the-Job Training hours and 450 hours of related apprenticeship training with an additional 23-25 units in specific college coursework.

The program uses the Apprenticeship Hours as the technical body of the degree (equivalent to 60 units). Related instruction includes 30 units earned in communications, human relations, quantitative skills, a designated diversity course not duplicating the previous courses, and JATC approved electives.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

Apprenticeship Requirements

Proof of apprenticeship may be provided by the presentation of the original Journeyman's card. College staff in the Aerospace and Advanced Manufacturing Careers division will provide the approval. Students should attach a copy of the journeyman's card to the degree application.

- Completion of 5,200 hours of OJT certified by the Apprenticeship program.

Approval Signature:

Date:

- Completion of 450 hours of related training certified by the Apprenticeship program

Approval Signature:

Date:

Notes on ATA Requirements or Optional Courses

You may complete elective units to satisfy the ATA degree requirements in this program. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for the details necessary to complete the ATA.

This also applies if you are interested in pursuing another credential here at EvCC.

Related Instruction

You may not count any course in more than one category. Example: CMST 210 cannot satisfy both the Communication and the Human Relations requirements

Communication Skills - 5 units

Required Course		
ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Diversity - 5 units

Select any additional course with the Diversity Attribute. (This cannot duplicate other courses.)

5 units from the Diversity course list

Human Relations - 3 to 5 units

If H DEV 155 is selected, 2 additional units will be required.

Required Course		
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Quantitative Skills - 5 units

Required Course		
ENGR 240	Applied Numerical Methods	5
	Or	
MATH& 107	Math In Society	5

	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5
	Or	
MATH& 152	Calculus II	5
	Or	
MATH& 163	Calculus 3	5
	Or	
MATH& 264	Calculus 4	5
	Or	
MATH 138	Applied College Algebra	5
	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5

JATC Approved Electives - 10 to 12 units to bring total units to 30

- Courses may be in any discipline but may not duplicate the courses selected above. The courses chosen should enhance job effectiveness.
- Courses can be substituted based on the apprenticeship program.
- Written approval from the JATC must accompany any course selection not listed below. Provide a copy of JATC letter or e-mail with application for graduation.

Required Courses

BUS& 101	Intro to Business	5
	Or	
BUS 200	Principles of Management	5
	Or	
CL 101	Intro to Computer Applications	5
	Or	
SPAN& 121	Spanish I	5
	Or	
SPAN& 122	Spanish II	5
	Or	
SPAN& 123	Spanish III	5
	Or	
SPAN& 221	Spanish IV	5
	Or	
SPAN& 222	Spanish V	5
	Or	
SPAN& 223	Spanish VI	5

Total Units from the Apprenticeship: 60
Total Units from Related Instruction: 30
Total Units Required: 90

Optional Courses

You may take additional optional courses if you are interested in pursuing another credential here at EvCC. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for additional information.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Non-Discrimination Statement

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Multi-Occupational Trades ATA - Utility Wireman

Overview

ATA in Multi-Occupational Trades (MSOMTAPT 0076B_APT), Active: Sp 2023

Using the Meterman Apprenticeship Certification (LINUEAPR)

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The Multi-Occupational Trades ATA is a degree pathway for individuals who have completed an approved apprenticeship program through one of Everett CC's apprenticeship partners. To earn the degree, the apprentice combines an earned journey status of a minimum of 5200 documented apprenticeship On-the-Job Training hours and 450 hours of related apprenticeship training with an additional 23-25 units in specific college coursework.

The program uses the Apprenticeship Hours as the technical body of the degree (equivalent to 60 units). Related instruction includes 30 units earned in communications, human relations, quantitative skills, a designated diversity course not duplicating the previous courses, and SCPUD approved electives.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

Apprenticeship Requirements

Proof of apprenticeship may be provided by the presentation of the original Journeyman's card. College staff in the Aerospace and Advanced Manufacturing Careers division will provide the approval. Students should attach a copy of the journeyman's card to the degree application.

- Completion of 5,200 hours of OJT certified by the Apprenticeship program.

Approval Signature:

Date:

- Completion of 450 hours of related training certified by the Apprenticeship program

Approval Signature:

Date:

Notes on ATA Requirements or Optional Courses

You may complete elective units to satisfy the ATA degree requirements in this program. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for the details necessary to complete the ATA.

This also applies if you are interested in pursuing another credential here at EvCC.

Related Instruction

You may not count any course in more than one category. Example: CMST 210 cannot satisfy both the Communication and the Human Relations requirements

Communication Skills - 5 units

Required Course

ENGL& 101	English Composition I	5
	Or	

ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 220	Public Speaking	5

Diversity - 5 units

Select any additional course with the Diversity Attribute. (This cannot duplicate other courses.)

5 units from the Diversity course list

Human Relations - 3 to 5 units

If H DEV 155 is selected, 2 additional units will be required.

Required Course

BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Quantitative Skills - 5 units

Required Course

ENGR 240	Applied Numerical Methods	5
	Or	
MATH& 107	Math In Society	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 142	Precalculus II: Trig	5
	Or	
MATH& 144	Pre-Calc I & II: Review	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5
	Or	
MATH& 152	Calculus II	5
	Or	
MATH& 163	Calculus 3	5
	Or	
MATH& 264	Calculus 4	5
	Or	
MATH 138	Applied College Algebra	5

	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5

SCPUD Approved Electives - 10 to 12 units to bring total units to 30

- Courses may be in any discipline but may not duplicate the courses selected above.
- The courses chosen should enhance job effectiveness.
- Courses can be substituted based on the apprenticeship program.

Required Courses

BUS& 101	Intro to Business	5
	Or	
BUS 200	Principles of Management	5
	Or	
CL 101	Intro to Computer Applications	5
	Or	
SPAN& 121	Spanish I	5
	Or	
SPAN& 122	Spanish II	5
	Or	
SPAN& 123	Spanish III	5
	Or	
SPAN& 221	Spanish IV	5
	Or	
SPAN& 222	Spanish V	5
	Or	
SPAN& 223	Spanish VI	5

Total Units from the Apprenticeship: 60
Total Units from Related Instruction: 30
Total Units Required: 90

Optional Courses

You may take additional optional courses if you are interested in pursuing another credential here at EvCC. These should be technical in nature but need not be if your selection enhances your ultimate employability. Any college-level English course, for example, would enhance your communication skills and be considered acceptable. Please browse through the college catalog and examine the wide variety of courses offered at EvCC. Consult your program advisor for additional information.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Outcomes

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Medical Billing and Coding

Medical Billing and Coding ATA

Overview

Medical Billing Coding ATA (MICMCAPT) Active: Su 2025

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Students may take the Medical Billing Specialist Certificate as a stand-alone program, or they may take it as part of their ATA in Medical Billing and Coding. Several classes overlap between the two programs, so it is important to note that some classes are offered as self-support and some as state support. For out-of-state students, the state support classes are subject to out-of-state tuition, so you may want to discuss this with Financial Aid or other funding source.

EvCC's Medical Coding program is approved by AHIMA (American Health Information Management Association). Upon completion, students are eligible to take the AHIMA's Certified Coding Associate (CCA) exam, providing them with a nationally-recognized standard of achievement in medical coding.

American Health Information Management Association
233 N. Michigan Avenue, 21st Floor
Chicago, IL 60601-5809

Requirements

Students must earn a C or higher in all required courses; a class earning a C- or lower would need to be repeated.

Program Entry Core - 13 units

Required Courses

COLL 101	College Success	2
HCM 101	Intro to Healthcare Careers	3
MC 103	Intro to Admin Med Office	3
	Or	
HCM 103	Intro to Admin Medical Office	3
MC 120	Healthcare Vocabulary	5
	Or	
HCM 120	Healthcare Vocabulary	5

Additional Required Core Courses - 58 units

Prerequisites:

- MC 120/HCM 120 or MC 137/HCM 137 must be taken before MC 143/HCM 143.
- MC 143/HCM 143 must be taken before or concurrently with MC 147.
- MC 137/HCM 137 must be taken before MC 151.
- MC 118 must be taken before MC 218.
- MC 147 must be taken before MC 247.
- MC 151 must be taken before MC 251.
- All other Core classes must be taken before MC 280.

Required Courses

MC 118	Health Info/Delivery Systems	5
MC 137	Structure/Function Human Body	5
	Or	
HCM 137	Structure/Function Human Body	5
MC 143	Pathophysiology & Pharmacology	5
	Or	
HCM 143	Pathophysiology & Pharmacology	5
HCM 180	Principles of Med Insurance	5
HCM 181	Law/Ethics Healthcare Occup	5
HCM 182	Medical Reception	5
MC 147	Intro to Diagnosis Coding	5
MC 151	Intro to Procedure Coding	5
MC 218	Hlthcare Reimbur/Legal Compli	5
MC 247	Advanced Diagnosis Coding	4
MC 251	Advanced Procedure Coding	4
MC 280	Prof Practice Experience	5

Required General Education Courses - 15 units

BUS 130 is recommended if no previous college level math courses have been taken.

Required Courses

BUS 130 or MATH 76 or TS 76 or higher (See the Quantitative Skills list (p. 473)
)

ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5
BUS 110	Business Communications	5

Electives - 4 units

Choose your electives based on your area of interest.

- **Healthcare Management:** HCM 206, HCM 207, HCM 208
- **Business Technology:** BT 105, BT 219, BT 243
- **Computer Literacy:** CL 101, CL 103, CL 104, CL 106, CL 110
- Other electives as approved by your program advisor.

Required Courses

Choose 4 units from BT 219, BT 242, CL 101, CL 103, CL 104, CL 105, HCM 107, or HCM 187, or other options discussed with your advisor.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all

certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Demonstrate proficiency in content area
- Explore and evaluate the individual's role as self, student, and employee in the healthcare industry including concepts of personal accountability, reliability, and self-sufficiency.
- Build a strong foundational knowledge of medical terminology and anatomy and physiology.
- Develop an understanding of coding classification systems (ICD-10-CM, ICD-10-PCS, CPT, and HCPCS).
- Analyze law, ethics, and compliance in the healthcare industry.
- Compare relationships in documentation and the revenue cycle.
- Demonstrate the ability to perform entry-level medical coding.
- Demonstrate critical thinking, analytical, and quantitative skills in making decisions and completing assignments independently and/or as a dependable team member.
- Apply appropriate technology to input, manage, and interpret business information.
- Demonstrate the ability to effectively plan and to communicate orally and in writing using multiple expressive modes.

Non-Discrimination Statement

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Medical Billing Specialist Certificate

Overview

Medical Billing Specialist Certificate (MICMSC20) Active: Su 2025

Students may take either the Medical Coding or the Medical Billing Specialist Certificate programs as stand-alone programs, or they may take them as part of their ATA in Medical Billing and Coding. Several classes overlap between the two programs, so it is important to note that some classes are offered as self-support and some as state support. For out-of-state students, the state support classes are subject to out-of-state tuition, so you may want to discuss this with Financial Aid or other funding source.

The Medical Billing and Coding department offers credit for industry certifications from the American Health Information Management Association (AHIMA). A complete list of accepted certificates is available on the Medical Billing and Coding homepage. For those students who have worked in medical billing or coding, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is

available on the EvCC ACPL website.

Requirements

- **All required courses must be completed with a grade of C (2.0) or higher.**

College Success		
COLL 101	College Success	2
Required Core Courses		
HCM 101	Intro to Healthcare Careers	3
MC 103	Intro to Admin Med Office	3
	Or	
HCM 103	Intro to Admin Medical Office	3
MC 120	Healthcare Vocabulary	5
	Or	
HCM 120	Healthcare Vocabulary	5
	Or	
MC 137	Structure/Function Human Body	5
	Or	
HCM 137	Structure/Function Human Body	5
MC 143	Pathophysiology & Pharmacology	5
	Or	
HCM 143	Pathophysiology & Pharmacology	5
HCM 128	Medical Coding for Non-Coders	5
HCM 180	Principles of Med Insurance	5
HCM 181	Law/Ethics Healthcare Occup	5
HCM 182	Medical Reception	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 14 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 43

Outcomes

Non-Discrimination Statement

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status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Medical Coding Certificate

Overview

Medical Coding Certificate (MICMCC45) Active: Su 2025

Students may take either the Medical Coding or the Medical Billing Specialist Certificate programs as stand-alone programs, or they may take them as part of their ATA in Medical Billing and Coding. Several classes overlap between the two programs, so it is important to note that some classes are offered as self-support and some as state support. For out-of-state students, the state support classes are subject to out-of-state tuition, so you may want to discuss this with Financial Aid or other funding sources.

EvCC's Medical Coding program is approved by AHIMA (American Health Information Management Association). Upon completion, students are eligible to take the AHIMA's Certified Coding Associate (CCA) exam, providing them with a nationally-recognized standard of achievement in medical coding.

American Health Information Management Association
233 N. Michigan Avenue, 21st Floor
Chicago, IL 60601-5809

The Medical Billing and Coding department offers credit for industry certifications from the American Health Information Management Association (AHIMA). A complete list of accepted certificates is available on the Medical Billing and Coding homepage. For those students who have worked in medical billing or coding, but do not have a certificate, they may be eligible to seek credit through a prior learning portfolio. Information about certificate crosswalks and the prior learning portfolio is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher. A course earning a C- or lower will need to be repeated.**

Prerequisites

- MC 120/HCM 120 or MC 137/HCM 137 must be taken before MC 143/HCM 143.
- MC 143/HCM 143 must be taken before or concurrently with MC 147.
- MC 137/HCM 137 must be taken before MC 151.
- MC 118 must be taken before MC 218.
- MC 147 must be taken before MC 247.
- MC 151 must be taken before MC 251.
- All other Core classes must be taken before MC 280.

Core Courses - 51 units

MC 103	Intro to Admin Med Office	3
	Or	
HCM 103	Intro to Admin Medical Office	3

MC 118	Health Info/Delivery Systems	5
MC 120	Healthcare Vocabulary	5
	Or	
HCM 120	Healthcare Vocabulary	5
MC 137	Structure/Function Human Body	5
	Or	
HCM 137	Structure/Function Human Body	5
MC 143	Pathophysiology & Pharmacology	5
	Or	
HCM 143	Pathophysiology & Pharmacology	5
MC 147	Intro to Diagnosis Coding	5
MC 151	Intro to Procedure Coding	5
MC 218	Hlthcare Reimbur/Legal Compli	5
MC 247	Advanced Diagnosis Coding	4
MC 251	Advanced Procedure Coding	4
MC 280	Prof Practice Experience	5

General Education Courses - 15 units

Required Courses

BUS 130 or MATH 76/TS 76 or higher (See the Quantitative Skills list
)

BUS 130 is recommended if no previous college-level Math has been taken.

BUS 110	Business Communications	5
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
	Or	
ENGL& 101	English Composition I	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 22 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 66

Outcomes

Non-Discrimination Statement

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Nursing

Nursing - Associate in Nursing DTA (MRP)

Overview

Nursing AAS-DTA/MRP (RENDTAA) Active: Sp 2022

The Associate in Nursing DTA (MRP) prepares students interested in attending one of Washington's universities to complete an RN to Bachelor of Science in Nursing. This degree includes general education requirements and prepares a student for licensure as a registered nurse through Washington state.

Students completing this degree should note that certain universities and colleges may have additional requirements for admission to the institution that are not prerequisites specifically identified in the DTA requirements. Some schools may also have higher minimum GPA requirements or require a specific minimum GPA in specific courses or sets of courses. Students should contact their intended transfer institution early to learn about any unique requirements.

These courses are required for the Nursing AAS-DTA/MRP. There are other courses that can be completed at EvCC that will earn a non-specific AAS-DTA degree. To know where all of your completed courses align to the basic AAS-DTA degree, you should also keep an updated Associate in Arts and Sciences - Direct Transfer Agreement Degree plan, as well as work closely with your Academic Advisor.

Note: To work as a Registered Nurse, students must possess a Washington State Nursing license. This license is granted to students who complete the nursing program and pass the NCLEX exam.

Requirements

To complete this degree, students must:

- Successfully complete a minimum of 135 applicable units as listed below.
- Take courses consistent with the statewide agreement posted on the SBCTC website.
- Earn a minimum cumulative GPA of 2.0.
- Complete the prerequisites for the major with a grade of at least C.

Communication Skills - 10 units

Required Courses (minimum grade 2.0)

ENGL& 101	English Composition I	5
ANTH& 206	Cultural Anthropology	5

Note: ANTH 206 must be taken at Everett Community College to apply to this degree.

Quantitative Skills - 5 units

Required Course (minimum grade 2.0)

MATH& 146	Intro to Statistics	5

Humanities Distribution - 10 units

Required Courses (minimum grade 2.0)

CMST& 210	Interpersonal Communication	5
PHIL& 101	Introduction to Philosophy	5
	Or	
PHIL& 115	Critical Thinking	5
	Or	
PHIL 110	Social Ethics	5
	Or	
PHIL 215	Ethics	5
	Or	
PHIL 267	Philosophy of Religion	5

Social Sciences Distribution - 10 units

Required Courses (minimum grade 2.0)

PSYC& 100	General Psychology	5
PSYC& 200	Lifespan Psychology	5

Natural Sciences Distribution - 25 units with an overall distribution 3.0 GPA required

5 additional Natural Science units are embedded in the CORE curriculum below.

Required Courses (minimum grade 2.0)

BIOL& 211	Majors Cellular	5
BIOL& 231	Human Anatomy	5
BIOL& 232	Human Physiology	5
BIOL& 260	Microbiology	5
CHEM& 121	Introduction to Chemistry	5

Nursing Program Application Must Be Completed

Required Course

This required non-credit class is part of the nursing application process and must be completed before submitting application for Nursing Program. Permission required.

Nursing Core Curriculum Grade Requirements

A minimum grade of 2.7 is required for NURS 110, NURS 120, NURS 130, NURS 210, NURS 220, and NURS 230.

A minimum grade of 2.0 is required for NUTR 126, NUTR 136, NUTR 216, and NUTR 226; PHIL 114, PHIL 214, and PHIL 234; and PSYC 125, PSYC 215, PSYC 225, and PSYC 235.

Nursing Core Curriculum - Quarter 1

Required Courses

NURS 110	Nursing Therapeutics I	10
PHIL 114	Ethics & Policy Healthcare I	2

Nursing Core Curriculum - Quarter 2

Required Courses

NURS 120	Nursing Therapeutics II	10
NUTR 126	Nutrition in Healthcare I	1
PSYC 125	Psychosocial Issues I	2

Nursing Core Curriculum - Quarter 3

Required Courses

NURS 130	Nursing Therapeutics III	10
NUTR 136	Nutrition in Healthcare II	2

Nursing Core Curriculum - Quarter 4

Required Courses

NURS 210	Nursing Therapeutics IV	10
NUTR 216	Nutrition in Healthcare III	1
PHIL 214	Ethics/Policy Healthcare II	1
PSYC 215	Psychosocial Issues II	1

Nursing Core Curriculum - Quarter 5

Required Courses

NURS 220	Nursing Therapeutics V	10
NUTR 226	Nutrition in Healthcare IV	1
PSYC 225	Psychosocial Issues III	1

Nursing Core Curriculum - Quarter 6

Required Courses

NURS 230	Nurs/Thera VI-Transition	10
PHIL 234	Ethics/Policy Healthcare III	2
PSYC 235	Psychosocial Issues IV	1

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 45 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all

certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 135

Outcomes

Program Learning Outcomes

- Participate with the patient, family, significant others, and members of the healthcare team to utilize the nursing process in the provision of patient-centered care.
- Demonstrate critical thinking skills in the delivery of patient-centered care to well and ill patients.
- Employ effective communication with patients, families, significant others, and other professionals within the context of the healthcare environment.
- Demonstrate behaviors consistent with the legal and ethical framework of nursing.
- Create an environment that promotes caring and professionalism with consideration for the patient's cultural/societal beliefs and practices.
- Utilize scientific and evidence-based knowledge, regarding alterations in health, to guide actions which promote and maintain patient-centered care.
- Demonstrate commitment, accountability, integrity, and discretionary judgment in their nursing practice.
- Recognize their role in shaping healthcare delivery.

Non-Discrimination Statement

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Nursing - Associate in Pre-Nursing DTA (MRP)

Overview

Pre-Nursing AAS-DTA/MRP (RENPNAS) Active: Sp 2022

The Associate in Pre-Nursing DTA (MRP) prepares students who wish to pursue a bachelor's degree in nursing at a university following completion of an associate degree program that satisfies lower division general education requirements.

This degree is accepted under agreement with designated Washington universities and satisfies the lower-division general education requirements in most cases. Advisor guidance at both EvCC and the transfer institution is strongly recommended.

Requirements

- A 2.0 GPA is required.
- If a course is a prerequisite for another course in this plan, it will need to be completed with a minimum grade of 2.0 or

higher.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
HP 101	Coll Success for Health Prof	2
	Or	
STEM 101	College Success In STEM	2

Communication Skills - 10 units

Required Courses

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5

Quantitative Skills - 5 units

Required Course

MATH& 146	Intro to Statistics	5

Humanities Distribution - 15 units

Select courses from the DTA Approved Humanities course list. Courses must be from 2 different disciplines. Note: All World Languages count as 1 discipline. No more than 5 Humanities Performance (HP) units or 5 100-level World Language (WL) units may be used to fulfill this requirement. Any additional Humanities units beyond 15 will be counted towards your Electives.

- No more than 10 units in any one discipline may be applied across the Humanities, Social Science, and Natural Science distribution areas.

Required Courses

10 units from the DTA Approved Humanities course list

CMST 210 is recommended. If CMST 210 is taken, the 3rd course may not be another CMST course.

CMST& 220	Public Speaking	5

Social Sciences Distribution - 15 units

Required Courses

PSYC& 100	General Psychology	5
PSYC& 200	Lifespan Psychology	5
ANTH& 206	Cultural Anthropology	5
	Or	
SOC& 101	Introduction to Sociology	5

Consult with an advisor about which one to choose.

Science and Math - 35 units

Required Courses

CHEM& 121	Introduction to Chemistry	5
CHEM& 131	Intro to Organic/Biochem	5
BIOL& 211	Majors Cellular	5
BIOL& 231	Human Anatomy	5
BIOL& 232	Human Physiology	5
BIOL& 260	Microbiology	5
NUTR& 101	Nutrition	5

Electives - 8 units

Required Courses

5 units from either of the DTA Humanities or Social Sciences Distribution course lists (See the Natural Sciences list)

3 units from any 100-level or higher course

If College Success is waived, this will increase to 5 units.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 90 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

Communication Skills

- Use diverse rhetorical strategies to optimize communication effectiveness.

- Critically analyze messages across diverse contexts.
- Apply ethical principles to the analysis and creation of messages.

Quantitative Skills

- Construct a logical argument to support a conclusion.
- Manipulate and communicate symbolic language.

Humanities

- Demonstrate an understanding of the diversity of human experience and expression.
- Engage in sustained qualitative, creative, and critical explorations.

Social Sciences

- Use evidence-based research to study individual and collective human behavior.
- Understand how diverse experiences, perspectives, cultures, and social systems shape human interactions.

Natural Sciences

- Apply mathematical or scientific reasoning to STEM topics.
- Learn about and/or apply the scientific method in a laboratory setting.

Other

- Demonstrate knowledge, skills, and abilities in preparation to apply for a nursing program.

Non-Discrimination Statement

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Nursing DTA Prerequisites

Overview

Nursing AAS-DTA (MRP) Prerequisites (RENDTPRQ)

Everett Community College offers the Associate in Nursing DTA (MRP) and the Associate in Pre-Nursing DTA (MRP), which are degrees and eligible for financial aid.

It is also possible to take pre-requisites in preparation for a Nursing Program without applying here to earn either of these degrees. Advisor guidance at both EvCC and any potential transfer institution is strongly recommended. **Taking Nursing Pre-Requisites outside of a degree program will not be eligible for financial aid.**

Requirements

- A minimum grade of a C (2.0) or higher is required for all pre-requisite courses.
- Be sure to review additional grade and course requirements with program advisors.

Nursing Pre-Requisite Courses

Required Courses (minimum grade 2.0)

ENGL& 101	English Composition I	5
CHEM& 121	Introduction to Chemistry	5
PSYC& 100	General Psychology	5
BIOL& 211	Majors Cellular	5
MATH& 146	Intro to Statistics	5
BIOL& 231	Human Anatomy	5
CMST& 220	Public Speaking	5
BIOL& 232	Human Physiology	5
PSYC& 200	Lifespan Psychology	5
BIOL& 260	Microbiology	5
ANTH& 206	Cultural Anthropology	5

Subtotal: 55

Outcomes

Non-Discrimination Statement

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Nursing Assistant

Nursing Assistant Certificate

Overview

Nursing Assistant Certificate (NAANAC01) Active: F 2019

Checklist Items

- Student information available at the Health Professions Service Center
- National Background Check completed
- Complio immunization account created and compliant in all categories

Requirements

- **The following course must be completed with a grade of C (2.0) or higher.**

Required Course		
NURS 100	Nursing Assistant	10

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 3 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 10

Outcomes

Non-Discrimination Statement

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Phlebotomy

Phlebotomy Certificate

Overview

Phlebotomy Certificate (PHLPHC01) Active: W 2022

Upon successful completion of classroom and clinical externship training, the student must obtain the Medical Assistant-Phlebotomist license through the Washington State Department of Health, which is required to work in Washington. Students are also eligible to complete optional certification through National Healthcareer Association and National Center for Competency Testing.

Checklist Items

- Transcript Evaluation (if applicable)
- Declared Program Code of PHLPHC01
- National Background Check completed
- Complio immunization account created and compliant in all categories
- Eligibility for English 101

- AHA/BLS CPR Card

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
HLTH 100	Medical Terminology	5
HLTH 102	Applied A & P	5
HLTH 220	Phlebotomy Tech Training	5
HLTH 221	Phlebotomy Tech Pract	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 19

Outcomes

Non-Discrimination Statement

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Photography

Photography AFA

Overview

Photography AFA (LASPHAA) Active: Su 2025

Designed for students aiming towards their professional career in the photographic arts, the concentrated AFA program of study dives deep into photography while also rounding out the experience with courses in the related disciplines of Graphics and Web Design and Studio Arts. Students graduate with a strong portfolio as well as gallery exhibition experience. Graduates and their portfolios are ready for the consideration of employers, clients, and or transfer universities.

This degree is designed for students pursuing the fine arts but does not transfer to other colleges and universities the way the Associate of Arts Sciences - DTA does. The Evergreen State College, the Pacific Northwest College of Art, and Willamette

University accept the AFA degree as a block of 90 transfer units.

Requirements

A GPA of 2.0 is required for graduation.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

STEM 101	College Success In STEM	2
	Or	
COLL 101	College Success	2

General Education Requirements - 30 units

Required Courses

5 units from the DTA Communication Skills course list

ENGL 105, ENGL 106, BUS 110, or CMST 240 are recommended.

5 units from the DTA Quantitative Skills course list

MATH 107, PHIL 120, or BUS 130 are suggested. Note that BUS 130 is an option but is not intended for transfer.

5 units from the DTA Social Sciences Distribution course list

CMST 102, PHIL 115, PHIL 110, POLS 210, or SOC 248 are recommended.

5 units from the DTA Natural Sciences Distribution course list

Any Astronomy, Atmospheric Science, Environmental Studies, or Physics as appropriate to individual interests are recommended.

ENGL& 101	English Composition I	5
PHOTO 230	History of Photography	5

Note: The diversity section of ENGL 101 is recommended.

Emphasis Skills - 48 units

Required Courses

PHOTO 110	Intro to Digital Photography	5
PHOTO 111	B&W Digital Photography	5
PHOTO 112	Creative Explorations	5
PHOTO 210	Color Theory: Concept/Practice	5
PHOTO 211	Adv Process Digital Photo	5
PHOTO 195	Foundation Portfolio Rev	3
PHOTO 243	Studio Lighting Photo & Video	5
PHOTO 244	Studio Light Portraiture	5
PHOTO 212	Visual Thesis Project	5
ART 295	Professional Practices	5

Interdisciplinary Skills - 10 units

Required Courses

ART 110	Visual Foundations and Design	5
GRAPH 110	Digital Design Tools/Vis Comm	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Critique verbally and in writing, visual and media arts using the language of the chosen discipline.
- Create and analyze a body of work that demonstrates personal development and proficiency in the use of tools, techniques, and processes relevant to the chosen discipline of study.
- Integrate knowledge of the chosen discipline of study with an understanding of the social, cultural, historical, and aesthetic context of artistic work.
- Articulate the educational and vocational opportunities available in the chosen discipline of study.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints

regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Physics and Astronomy

Physics and Astronomy AS-T

Overview

Physics and Astronomy AS-T (PHST2AS AST2-PHYS) Active: W 2023

The Associate in Science - Transfer (AS-T) degree is designed for students majoring in sciences, computer science and engineering who wish to transfer to a Washington college or university.

- This is the AS-T in Engineering, Computer Science, Physics, and Atmospheric Sciences Track 2, **Physics and Astronomy Concentration.**

Students earning this degree will normally transfer with junior standing and about half of the lower division general education requirements of the baccalaureate colleges and universities. Remaining general education courses may be taken after transfer and prior to completion of a baccalaureate degree. This degree enables students to concentrate on fulfilling pre-major coursework in their intended field of study.

Requirements

- Though courses in a foreign language are not required in the Associate of Science degree, some universities may require two or three quarters of foreign language for admission or for graduation.
- Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher.
- Be sure to work closely with your program advisor to determine which elective options will be best for you and to review any necessary prerequisites.
- An overall GPA of 2.0 is required.

Potential Prerequisites

Prerequisites will require extra units, and all will require a minimum grade of 2.0 (C) or higher. Students must:

- Complete ENGL 98 or place into ENGL 101
- Complete MATH 144 or MATH 142 or place into MATH 151
- Complete PHYS 114 or place into PHYS 241
- Complete MFG T 103 before PHYS 233

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course, STEM 101 strongly recommended

COLL 101	College Success	2
	Or	

STEM 101	College Success In STEM	2

Communication Skills - 5 units

Required Course

ENGL& 101	English Composition I	5

Mathematics - 15 units

Required Courses (minimum grade 2.0)

MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5

Humanities and Social Sciences - 15 units total

You must take 15 units total in at least two different disciplines. One must be selected from Humanities and another from Social Sciences. The third course may be from Humanities or Social Science. No more than 5 units can be from Humanities Performance or 100-level World Languages, and a total of 2 different disciplines are required.

At least one course from the three should be a diversity course designated by the Diversity attribute (note ENGL 101 - Diversity may also be used to fulfill the diversity requirement). Students interested in transferring to WSU should choose a diversity course that also meets WSU UCORE requirements.

Required Courses

5 units from the DTA Humanities Distribution course list

5 units from the DTA Social Sciences Distribution course list

5 units from either of the DTA Humanities or Social Sciences Distribution course lists

Physics Courses - 16.5 units

Required Courses

PHYS& 241	Engineering Physics I	4
	And	
PHYS& 231	Engineering Physics I Lab	1.5
PHYS& 242	Engineering Physics II	4
	And	
PHYS& 232	Engineering Physics II Lab	1.5
PHYS& 243	Engineering Physics III	4
	And	
PHYS& 233	Engineering Physics III Lab	1.5

Note: PHYS 241 and 231 must be taken together. PHYS 242 and 232 must be taken together. PHYS 243 and 233 must be taken together.

Elective Courses - 31.5 units total

Required Courses

PHYS& 114	General Physics I	5
MFG T 103	Machining Lab for Engineers	2

Electives - Complete 24.5 units

If PHYS 114 is not required, this will increase to 29.5 units.

Be sure to meet with your advisor to select the right electives for your goals. 24.5 Elective units at a minimum are required, and at least one of these courses must be a Natural Science Lab.

Required Courses

ASTR& 115	Stars, Galaxies and Cosmos	5
	Or	
PHYS& 115	General Physics II	5
	Or	
PHYS& 116	General Physics III	5
	Or	
CHEM& 140	General Chem Prep W/Lab	5
	Or	
CHEM& 161	General Chemistry I with Lab	5.5
	Or	
CHEM& 162	General Chemistry II with Lab	5.5
	Or	
CHEM& 163	General Chemistry III with Lab	5.5
	Or	
ENGR& 204	Electrical Circuits	5
	Or	
ENGR& 224	Thermodynamics	5
	Or	
MATH 260	Linear Algebra	5
	Or	
MATH 261	Differential Equations	5
	Or	
CS& 131	Computer Science I C++	5
	Or	
CS& 141	Computer Science I Java	5
	Or	
CS 132	Computer Science II C++	5
	Or	
CS 143	Computer Science II Java	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and must be completed to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 90 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Apply quantitative analysis to solve problems: students will utilize quantitative and graphical analyses to describe biological processes and solve problems posed in assignments.
- Apply the Scientific Method: in reports and presentations, students will demonstrate the application of the scientific method to explain biological processes encountered in classroom, laboratory, and field projects.
- Critically evaluate the science-related content in reports, popular media, and public policy: students will read assigned articles, books, and online resources, and evaluate these sources in the context of the life sciences topics presented in class.
- Effectively communicate scientific processes: students will use the results obtained from experiments, demonstrations, discussions, and field work to produce written reports and oral presentations.

Non-Discrimination Statement

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Precision Machining

AMT in Precision Machining ATA

Overview

Advanced Manufacturing Technology in Precision Machining ATA (MTCAPAPT) Active: Sp 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management

(ITAM) program at Central Washington University or to the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to https://www.cwu.edu/academics/it-management/ or www.cptc.edu/programs/basmo for more information.

Requirements

The courses required for an Associate in Technical Arts Degree in Advanced Manufacturing Tech - Precision Machining are listed below. This degree requires 93 units and a cumulative GPA of 2.0 or higher must be maintained.

Related Instruction - 15 units

Required Courses

5 units from ENG T 101 or MATH 86/TS 86 or higher (See Quantitative Skills list (p. 473)
)

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5

Note: BUS 110 is recommended.

Common Technical Requirements - 33 units

Required Courses

MFG T 100	Success & Safety	5
CT 101	Intro to Composites	5
MFG T 117	Blueprint Reading & Schematics	3
ENG T 111	Intro Engineering Tech Design	5
MFG T 101	Introduction to Machining	5
	Or	
MFG T 107	Machining with Mastercam	4
	Or	
MFG T 113	CNC Cutting Solutions	5
MECH 119	Introduction to Robotics	5
	Or	
MECH 120	Electrical Components	5
	Or	
MECH 121	Mechanical Components	5
	Or	
MECH 122	Elec-Pneumatic Ctrl Circuits	5
	Or	
MECH 124	Controls and Instrumentation	5

WELD 101	Introduction to Welding	5
	Or	
WELD 150	Blueprint Reading for Industry	5
	Or	
WELD 160	Intro Weld Nondestructive Test	5
	Or	
WELD 161		
	Or	
WELD 162		
	Or	
WELD 163		
	Or	
WELD 164	Ultrasonic Testing Level I	5
	Or	
WELD 190	Oxy-acetylene Welding/Cutting	5
	Or	
WELD 191	Basic Arc Welding	5
	Or	
WELD 192	Advanced Arc Welding	5
	Or	
WELD 193	Basic Pipe Welding	5
	Or	
WELD 194	Gas Tungsten Arc Welding	5
	Or	
WELD 195	Gas Metal Arc Welding	5
	Or	
WELD 196	Flux Core Arc Welding	5
	Or	
WELD 205	Fab Workshop Improvement	5
	Or	
WELD 210	Heavy Plate Fabrication	5
	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	
WELD 213	Practical Fab and Adv Welding	5
	Or	
WELD 217	Aerospace Sheet Metal Fab	5
	Or	
WELD 231	Welding Capstone	5
	Or	
WELD 285	CNC Plasma/Waterjet Cutting	5
	Or	
WELD 291	Basic Arc Welding 2	5
	Or	
WELD 292	Advanced Arc Welding 2	5
	Or	
WELD 294	Gas Tungsten Arc Welding 2	5
	Or	
WELD 296	Flux Core Arc Welding 2	5

Precision Machining Technical Core Requirements - 40 units

Required Courses

MFG T 104	Machine Operator 1	20
MFG T 105	Machine Operator 2	20

Capstone Project Requirement - 5 units

Required Course

MFG T 229	Manufacturing Team Project	5
	Or	
MFG T 230	Mfg Team Project Aerospace	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 93

Outcomes

Program Learning Outcomes

- Solve technical mathematical problems.
- Read and understand basic engineering drawings.
- Understand and utilize machine technology.
- Write programs and set up CNC machines.
- Operate and perform maintenance on CNC machines.

- Document technical activities in written and verbal reports.
- Be prepared for successful employment.

Non-Discrimination Statement

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AMT in Precision Machining Certificate

Overview

Advanced Manufacturing Technology in Precision Machining Certificate (MTCAPC20) Active: Su 2016

AMTEC Certificates are stackable

This certificate may be considered a stand-alone credential for people seeking to enter the manufacturing field, or as part of a stackable set of certificates in the EvCC Advanced Manufacturing degree pathway.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
MFG T 104	Machine Operator 1	20
MFG T 105	Machine Operator 2	20

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 13 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 40

Outcomes

Non-Discrimination Statement

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or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Mastercam Machining Certificate

Overview

Mastercam Machining Certificate (DDTMMC01) Active: Sp 2023

This certificate may be considered a stand-alone credential for people seeking to gain entry within precision machining industries which use Mastercam software as a programming tool or as part of a stackable set of certificates leading to a degree in the EvCC Advanced Manufacturing program.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ENG T 111	Intro Engineering Tech Design	5
ENG T 185	Intro to Catia 3DE	4
MFG T 101	Introduction to Machining	5
	Or	
MFG T 113	CNC Cutting Solutions	5
MFG T 107	Machining with Mastercam	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 18

Outcomes

Non-Discrimination Statement

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Studio Arts

Studio Arts AFA

Overview

Studio Arts AFA (LASSAAA) Active: Sp 2024

The Associate in Fine Arts (AFA) is awarded for completion of coursework in the interdisciplinary arts. Areas of emphasis are Photography, Studio Arts, and Written Arts.

This degree is designed for students pursuing the fine arts but does not transfer to other colleges and universities the way the Associate of Arts & Sciences - DTA does. The AFA is accepted by The Evergreen State College and some other colleges.

Students pursuing a Bachelor of Arts or a Bachelor of Fine Arts should consult their faculty advisor and the university in which they intend to enroll about transferability.

Requirements

A GPA of 2.0 is required for graduation.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

General Education Requirements - 30 units

Required Courses

ENGL& 101	English Composition I	5

5 units from the DTA Communication Skills course list
, ENGL& 102 or CMST& 220 recommended

5 units from the DTA Humanities Distribution course list
, ART H 124 recommended

5 units from the DTA Social Sciences Distribution course list
, CMST& 102 recommended

5 units from the DTA Natural Sciences Distribution course list, STEM 102
(5 units) recommended

5 units of Quantitative Skills from:

BUS 130	Business Computations	5
	Or	

MATH& 107	Math In Society	5
	Or	
MATH 138	Applied College Algebra	5
	Or	
MATH& 141	Precalc I: College Algebra	5
	Or	
MATH& 146	Intro to Statistics	5
	Or	
MATH& 148	Business Calculus	5
	Or	
MATH& 151	Calculus I	5
	Or	
MATH& 152	Calculus II	5
	Or	
PHIL& 120	Symbolic Logic	5

***WARNING*: Item Studio-Arts-AFA could not be inserted**

Technical Design

AMT in Technical Design, CAD, ATA

Overview

Advanced Manufacturing Technology in Technical Design, CAD, ATA (DDTATAPT) Active: Sp 2023

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or to the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree.

Go to https://www.cwu.edu/academics/it-management/ or www.cptc.edu/programs/basmo for more information.

Requirements

The courses required for an Associate in Technical Arts Degree in Advanced Manufacturing Technology in Technical Design, CAD, are listed below. Note that program prerequisites should be met. This degree requires 90 units with a cumulative GPA of 2.0 or higher

Related Instruction - 15 units

Required Courses

5 units from ENG T 101 or MATH 86/TS 86 or higher (See Quantitative Skills list (p. 473)
)

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5

BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5

Note: BUS 110 is recommended.

Common Technical Requirements - 30 units

Required Courses

ENG T 111	Intro Engineering Tech Design	5
MFG T 100	Success & Safety	5
CT 101	Intro to Composites	5
	Or	
CT 145	Composite Special Projects	5
MFG T 101	Introduction to Machining	5
	Or	
MFG T 107	Machining with Mastercam	4
	Or	
MFG T 113	CNC Cutting Solutions	5
MECH 119	Introduction to Robotics	5
	Or	
MECH 120	Electrical Components	5
	Or	
MECH 121	Mechanical Components	5
	Or	
MECH 122	Elec-Pneumatic Ctrl Circuits	5
	Or	
MECH 124	Controls and Instrumentation	5
WELD 101	Introduction to Welding	5
	Or	
WELD 150	Blueprint Reading for Industry	5
	Or	
WELD 160	Intro Weld Nondestructive Test	5
	Or	
WELD 161		
	Or	
WELD 162		
	Or	
WELD 163		
	Or	
WELD 164	Ultrasonic Testing Level I	5
	Or	
WELD 190	Oxy-acetylene Welding/Cutting	5
	Or	
WELD 191	Basic Arc Welding	5
	Or	

WELD 192	Advanced Arc Welding	5
	Or	
WELD 193	Basic Pipe Welding	5
	Or	
WELD 194	Gas Tungsten Arc Welding	5
	Or	
WELD 195	Gas Metal Arc Welding	5
	Or	
WELD 196	Flux Core Arc Welding	5
	Or	
WELD 205	Fab Workshop Improvement	5
	Or	
WELD 210	Heavy Plate Fabrication	5
	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	
WELD 213	Practical Fab and Adv Welding	5
	Or	
WELD 217	Aerospace Sheet Metal Fab	5
	Or	
WELD 231	Welding Capstone	5
	Or	
WELD 285	CNC Plasma/Waterjet Cutting	5
	Or	
WELD 291	Basic Arc Welding 2	5
	Or	
WELD 292	Advanced Arc Welding 2	5
	Or	
WELD 294	Gas Tungsten Arc Welding 2	5
	Or	
WELD 296	Flux Core Arc Welding 2	5

Computer Aided Design Technical Core Requirements - 24 units

Required Courses

ENG T 100	Engineering Graphics	4
ENG T 108	Engineering Graphics: 3D CAD	4
	Or	
ENGR& 114	Engineering Graphics	4
ENG T 185	Intro to Catia 3DE	4
ENG T 204	Drafting Using CAD	4
ENG T 205	Precision, Fits, w/ GD&T	5
ENG T 230	Mfg Materials and Processes	3
	Or	
WELD 151	Carbon Steel Metallurgy	3

Technical Electives - 16 units

Required Courses

MATH 141 or higher (See Quantitative Skills list)

Or		
MATH 96	Int Algebra for Precalculus	5
	Or	
ENG T 103	Introduction to Revit	4
	Or	
ENG T 193	Intermediate CAD W/ Catia 3DE	4
	Or	
ENG T 194	Tool Design and Product	4
	Or	
ENG T 195	Adv Surfacing with Catia 3DE	4
	Or	
ENG T 196	Adv Workbenches with Catia 3DE	4
	Or	
ENG T 203	AutoCAD II - Intermediate	4
	Or	
ENG T 217	CAD Design Project	4
	Or	
ENG T 225	Eng Tech Skills Building	2
	Or	
ENG T 226	Eng Tech Skills Building 2	2
	Or	
ENG T 259	Engr Graphics: 3D CAD-CAM	4

Capstone Project Requirement

Required Course

MFG T 229	Manufacturing Team Project	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all

certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Solve technical mathematical problems.
- Utilize basic engineering graphics with 2D CAD.
- Create multi-view drawings using 2D and 3D CAD.
- Create assembly drawings from 3D models.
- Create complex surfaced part models using 3D CAD.
- Design for producibility and manufacturing ease.
- Document technical activities in written and verbal reports.
- Be prepared for successful employment.

Non-Discrimination Statement

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AMT in Technical Design, CAD, Certificate

Overview

Advanced Manufacturing Technology in Technical Design, CAD, Certificate (DDTATC20) Active: Sp 2023

Technical Design (CAD) Certificates are stackable.

Four certificates are offered. This is the first certificate - Engineering Technology, CAD - and offers recognition for those students who have taken classes in all the EvCC CAD software.

The remaining three certificates address specific CAD software. These certificates may be considered as stand-alone credentials for people seeking to gain entry-level CAD employment, or as the first level of a stackable set of certificates in the Advanced Manufacturing Technology in Technical Design, CAD, Associate in Technical Arts degree pathway.

Candidates should be aware that many businesses require a 2-year associate degree for employment in this field, and that this certificate by itself may not be sufficient to meet this goal.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses - 21 units

Required Courses		
ENG T 111	Intro Engineering Tech Design	5
ENG T 100	Engineering Graphics	4
ENG T 108	Engineering Graphics: 3D CAD	4
	Or	
ENGR& 114	Engineering Graphics	4
ENG T 185	Intro to Catia 3DE	4
ENG T 204	Drafting Using CAD	4

Technical Electives - 18 units

18 units selected from the following courses

ENG T 194	Tool Design and Product	4
ENG T 196	Adv Workbenches with Catia 3DE	4
ENG T 225	Eng Tech Skills Building	2
ENG T 259	Engr Graphics: 3D CAD-CAM	4
ENG T 193	Intermediate CAD W/ Catia 3DE	4
ENG T 195	Adv Surfacing with Catia 3DE	4
ENG T 203	AutoCAD II - Intermediate	4
ENG T 217	CAD Design Project	4
ENG T 103	Introduction to Revit	4
ENG T 205	Precision, Fits, w/ GD&T	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 13 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 39

Outcomes

Non-Discrimination Statement

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AutoCAD Certificate

Overview

AutoCAD Certificate (DDTAUC01) Active: Sp 2023

Technical Design (CAD) Certificates are stackable.

Four certificates are offered, and this is one of three of which address specific CAD software. This certificate is targeted at students with an interest in AutoCAD and represents a subset of the classes required for an Associate in Technical Arts degree.

These certificates may be considered as stand-alone credentials for people seeking to gain entry-level CAD employment, or as the first level of a stackable set of certificates in the Advanced Manufacturing Technology in Technical Design (CAD) Associate in Technical Arts degree pathway.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ENG T 100	Engineering Graphics	4
ENG T 103	Introduction to Revit	4
ENG T 203	AutoCAD II - Intermediate	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 4 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 12

Outcomes

Non-Discrimination Statement

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CATIA 3D Experience Certificate

Overview

CATIA 3D Experience Certificate (DEOC3C20) Active: W 2019

Technical Design (CAD) Certificates are stackable.

This certificate is targeted at students with an interest in CATIA 3D Experience technical design certificate and represents a subset of the classes required for an Associate in Technical Arts degree. Four certificates are offered, and this is one of three of which address specific CAD software.

These certificates may be considered as stand-alone credentials for people seeking to gain entry-level CAD employment, or as the first level of a stackable set of certificates in the Advanced Manufacturing Technology in Technical Design (CAD) Associate in Technical Arts degree pathway.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ENG T 185	Intro to Catia 3DE	4
ENG T 193	Intermediate CAD W/ Catia 3DE	4
ENG T 194	Tool Design and Product	4
ENG T 195	Adv Surfacing with Catia 3DE	4
ENG T 196	Adv Workbenches with Catia 3DE	4
ENG T 204	Drafting Using CAD	4
ENG T 205	Precision, Fits, w/ GD&T	5
ENG T 217	CAD Design Project	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 11 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 33

Outcomes

Non-Discrimination Statement

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Numerical Control Programming CATIA 3D Experience Certificate

Overview

Numerical Control Programming CATIA Certificate (DDTNCC01) Active: Sp 2020

Technical Design Certificates are stackable.

This certificate is targeted at students with an interest in entry-level programming.

Students must have successfully completed the NC Programming Mastercam Vericut Certificate or have industry experience with instructor permission.

This certificate may be considered a stand-alone credential for people seeking to gain entry within precision machining industries, which uses multiple CAD systems as a programming tool or as part of a stackable set of certificates leading to a degree in the EvCC Advanced Manufacturing program.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ENG T 195	Adv Surfacing with Catia 3DE	4
ENG T 196	Adv Workbenches with Catia 3DE	4
MFG T 109	NC Programming with CATIA	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 4 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 12

Outcomes

Non-Discrimination Statement

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Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Numerical Control Programming Foundation Certificate

Overview

Numerical Control Programming Foundation Certificate (DDTNFC01) Active: Sp 2023

Technical Design Certificates are stackable.

This certificate is targeted at students with an interest in entry-level Numerical Control Programming.

Students must have successfully completed MFG T 101, Introduction to Machining, or have industry experience with instructor permission.

This certificate may be considered a stand-alone credential for people seeking to gain entry within precision machining industries, which uses multiple CAD systems as a programming tool or as part of a stackable set of certificates leading to a degree in the EvCC Advanced Manufacturing program.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ENG T 111	Intro Engineering Tech Design	5
ENG T 185	Intro to Catia 3DE	4
MECH 119	Introduction to Robotics	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 4 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 14

Outcomes

Non-Discrimination Statement

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Numerical Control Programming Mastercam and Vericut Certificate

Overview

Numerical Control Programming Mastercam and Vericut Certificate (DDTMVC01) Active: Sp 2020

Technical Design Certificates are stackable.

This certificate is targeted at students with an interest in entry-level Numerical Control programming.

Students must have successfully completed the **Numerical Control Programming Foundation Certificate** or have industry experience with instructor permission.

This certificate may be considered a stand-alone credential for people seeking to gain entry within precision machining industries, which uses multiple CAD systems as a programming tool or as part of a stackable set of certificates leading to a degree in the EvCC Advanced Manufacturing program.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**
- EvCC does not offer every course each quarter, so please consult a class schedule and an advisor to plan course selections.

Required Courses

MFG T 113	CNC Cutting Solutions	5
ENG T 193	Intermediate CAD W/ Catia 3DE	4
MFG T 107	Machining with Mastercam	4
MFG T 108	NC Programming with Vericut	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 17

Outcomes

Non-Discrimination Statement

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Solid Works Certificate

Overview

Solid Works Certificate (DDTSWC01) Active: W 2019

Technical Design (CAD) Certificates are stackable.

Four certificates are offered, and this is one of three of which address specific CAD software. This certificate is targeted at students with an interest in Solid Works and represents a subset of the classes required for an Associate in Technical Arts degree.

These certificates may be considered as stand-alone credentials for people seeking to gain entry-level CAD employment, or as the first level of a stackable set of certificates in the Advanced Manufacturing Technology in Technical Design, CAD, Associate in Technical Arts degree pathway.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
ENG T 204	Drafting Using CAD	4
ENG T 205	Precision, Fits, w/ GD&T	5
ENG T 259	Engr Graphics: 3D CAD-CAM	4
ENGR& 114	Engineering Graphics	4
	Or	
ENG T 108	Engineering Graphics: 3D CAD	4

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 17

Outcomes

Non-Discrimination Statement

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Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Welding

Welding ATA

Overview

Welding ATA (WETWEAPT) Active: Su 2025

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

The ATA is a technical degree that includes emphasis in developing professional welding and fabrication skills as well as providing a grounding in general studies.

- This program is approximately two years in length for full-time involvement.
- Upon completion of this ATA students qualify and may apply for a High School Diploma from EvCC.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

- A 2.0 GPA is required to earn the degree.
- It is a total of 90 units. Technical Electives can be adjusted to be sure you are at 90 units upon program completion.

Related Instruction - 13 to 15 units

Required Courses

5 units from WELD 105 or MATH 86/TS 86 or higher (See Quantitative Skills list
)

WELD 106	Intro Fabrication Document	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	

CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Note: WELD 105, WELD 106, and BUS 110 are recommended.

Technical Core Requirements - 31 units

Required Courses

WELD 101	Introduction to Welding	5
WELD 111	Basic Layout	2
MFG T 100	Success & Safety	5
WELD 150	Blueprint Reading for Industry	5
WELD 151	Carbon Steel Metallurgy	3
WELD 152	Weld Base Mtrls and Processes	3
WELD 153	Non-ferrous Metallurgy	3
WELD 160	Intro Weld Nondestructive Test	5

Welding Practical - 44 units or as many as needed to total 90

All courses except WELD 190 may be repeated for credit.

Welding Skills - 25 or more units

Required Courses

WELD 190	Oxy-acetylene Welding/Cutting	5
	Or	
WELD 191	Basic Arc Welding	5
	Or	
WELD 291	Basic Arc Welding 2	5
	Or	
WELD 192	Advanced Arc Welding	5
	Or	
WELD 292	Advanced Arc Welding 2	5
	Or	
WELD 193	Basic Pipe Welding	5
	Or	
WELD 194	Gas Tungsten Arc Welding	5
	Or	
WELD 294	Gas Tungsten Arc Welding 2	5
	Or	
WELD 195	Gas Metal Arc Welding	5
	Or	
WELD 196	Flux Core Arc Welding	5
	Or	
WELD 296	Flux Core Arc Welding 2	5

Fabrication - 10 or more units

Required Courses

WELD 205	Fab Workshop Improvement	5
	Or	
WELD 210	Heavy Plate Fabrication	5

	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	
WELD 213	Practical Fab and Adv Welding	5
	Or	
WELD 216	Advanced TIG Welding	3
	Or	
WELD 285	CNC Plasma/Waterjet Cutting	5
	Or	
WELD 231	Welding Capstone	5
	Or	
WELD 290	Adv Matl Cutting/Processing	5

Electives - 4 or more units

Discuss other course options with your program advisor.

Required Courses

WELD 161		
	Or	
WELD 162		
	Or	
WELD 163		
	Or	
WELD 164	Ultrasonic Testing Level I	5
	Or	
WELD 225	Welding Skills Building	3
	Or	
WELD 226	Welding Skills Building 2	3
	Or	
WELD 295	Work Experience Internship	2-5
	Or	
WELD 297	Work Experience Internship 2	2-5
	Or	
MECH 119	Introduction to Robotics	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Build skills toward industry standards.
- Build skills toward State and National welding certifications.
- Work as an effective and dependable team member as well as independently.
- Demonstrate safe work habits that reflect concern and care for self, others and the environment.
- Develop the skills necessary to secure employment.

Non-Discrimination Statement

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AMT in Welding and Fabrication ATA

Overview

Advanced Manufacturing Technology in Welding and Fabrication ATA (WETAFAPT) Active: Su 2025

The Associate in Technical Arts (ATA) degree is awarded for completion of a program of study in technical education, the purpose of which is to prepare students for related employment with skills that meet the needs of the business community.

Interested in Transferring to a University?

Students completing this ATA degree can transfer directly to the Information Technology and Administrative Management (ITAM) program at Central Washington University or the Manufacturing Operations program at Clover Park Technical College to pursue a Bachelor of Applied Science (BAS) degree. Go to CWU BAS-ITAM or Clover Park - BAS OM for more information.

Requirements

The courses required for an Associate in Technical Arts Degree in Advanced Manufacturing Tech: Welding and Fabrication are listed below.

- This degree requires a minimum of 90 units. Technical Electives can be increased if need be to be sure you are at 90 units upon program completion.
- Note that to earn this degree, a cumulative GPA of 2.0 or higher must be maintained.

Related Instruction - 13 to 15 units

Required Courses

5 units from ENG T 101 or WELD 105 or MATH/TS 86 or higher (See Quantitative Skills list (p. 473)
)

ENGL& 101	English Composition I	5
	Or	
ENGL 98	Intro to College Writing	5
	Or	
TS 98	Intro/College Essays	5
BUS 110	Business Communications	5
	Or	
BUS 165	Found of Leadership & Service	5
	Or	
CMST& 210	Interpersonal Communication	5
	Or	
CMST& 230	Small Group Communication	5
	Or	
H DEV 155	Hum Relations in the Workplace	3

Common Technical Requirements - 33 to 35 units

If you have already taken CT 102, do not take CT 101. Make a different selection.

If you have already taken MFGT 104, do not take MFGT 101 or MFGT 113. Make a different selection.

Required Courses

MFG T 100	Success & Safety	5
CT 101	Intro to Composites	5
	Or	
CT 145	Composite Special Projects	5
MFG T 117	Blueprint Reading & Schematics	3
	Or	
WELD 150	Blueprint Reading for Industry	5
ENG T 111	Intro Engineering Tech Design	5
MFG T 101	Introduction to Machining	5
	Or	
MFG T 107	Machining with Mastercam	4
	Or	

MFG T 113	CNC Cutting Solutions	5
MECH 119	Introduction to Robotics	5
	Or	
MECH 120	Electrical Components	5
	Or	
MECH 121	Mechanical Components	5
	Or	
MECH 122	Elec-Pneumatic Ctrl Circuits	5
	Or	
MECH 124	Controls and Instrumentation	5
WELD 101	Introduction to Welding	5
	Or	
WELD 150	Blueprint Reading for Industry	5
	Or	
WELD 160	Intro Weld Nondestructive Test	5
	Or	
WELD 161		
	Or	
WELD 162		
	Or	
WELD 163		
	Or	
WELD 164	Ultrasonic Testing Level I	5
	Or	
WELD 190	Oxy-acetylene Welding/Cutting	5
	Or	
WELD 191	Basic Arc Welding	5
	Or	
WELD 192	Advanced Arc Welding	5
	Or	
WELD 193	Basic Pipe Welding	5
	Or	
WELD 194	Gas Tungsten Arc Welding	5
	Or	
WELD 195	Gas Metal Arc Welding	5
	Or	
WELD 196	Flux Core Arc Welding	5
	Or	
WELD 205	Fab Workshop Improvement	5
	Or	
WELD 210	Heavy Plate Fabrication	5
	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	
WELD 213	Practical Fab and Adv Welding	5
	Or	
WELD 217	Aerospace Sheet Metal Fab	5
	Or	
WELD 231	Welding Capstone	5

	Or	
WELD 285	CNC Plasma/Waterjet Cutting	5
	Or	
WELD 291	Basic Arc Welding 2	5
	Or	
WELD 292	Advanced Arc Welding 2	5
	Or	
WELD 294	Gas Tungsten Arc Welding 2	5
	Or	
WELD 296	Flux Core Arc Welding 2	5

Welding and Fabrication Technical Core Requirements - 25 units

Required Courses

WELD 111	Basic Layout	2
WELD 152	Weld Base Mtrls and Processes	3
WELD 191	Basic Arc Welding	5
WELD 193	Basic Pipe Welding	5
WELD 194	Gas Tungsten Arc Welding	5
WELD 195	Gas Metal Arc Welding	5

Welding and Fabrication Electives to Reach 90 units

Remember that a minimum of 90 units are required for the degree. The number of elective units you need will vary based on other units earned. (Units vary in some of your selection options.)

Electives - 10 to 14 units

Required Courses

WELD 151	Carbon Steel Metallurgy	3
	Or	
WELD 153	Non-ferrous Metallurgy	3
	Or	
WELD 161		
	Or	
WELD 162		
	Or	
WELD 163		
	Or	
WELD 164	Ultrasonic Testing Level I	5
	Or	
WELD 190	Oxy-acetylene Welding/Cutting	5
	Or	
WELD 192	Advanced Arc Welding	5
	Or	
WELD 196	Flux Core Arc Welding	5
	Or	
WELD 210	Heavy Plate Fabrication	5
	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	
WELD 213	Practical Fab and Adv Welding	5

	Or	
WELD 225	Welding Skills Building	3
	Or	
WELD 295	Work Experience Internship	2-5

Capstone Project Requirement - 5 units

Required Courses

MFG T 229	Manufacturing Team Project	5
	Or	
WELD 231	Welding Capstone	5

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Build skills toward industry standards.
- Build skills toward State and National welding certifications.
- Work as an effective and dependable team member as well as independently.
- Demonstrate safe work habits that reflect concern and care for self, others and the environment.
- Develop the skills necessary to secure employment.

Non-Discrimination Statement

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Entry Level Welding Certificate

Overview

Entry Level Welding Certificate (WETELC01) Active: F 2020

Welding Certificates are stackable

This certificate is targeted at students with an interest in Sub-Arc welding. This certificate is stackable with the Certificate in Welding and the ATA in Welding. The program is designed for students with some previous Welding experience.

The Welding Department often offers credit for knowledge gained through work experience in welding-related fields. If students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Student Name:

Advisor Signature:

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
MFG T 100	Success & Safety	5
WELD 101	Introduction to Welding	5
WELD 111	Basic Layout	2
WELD 195	Gas Metal Arc Welding	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 17

Outcomes

Non-Discrimination Statement

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Welding Certificate

Overview

Welding Certificate (WETWEC20) Active: F 2020

Welding Certificates are stackable

This Welding Certificate is the culmination of working to obtain lower-level welding certifications. Those lower-level Welding certificates are designed to create a guided pathway from the student's first quarter through their final quarter with the EvCC Welding Program. These lower-level certificates stack to become the Certificate in Welding. The Welding Certificate then stacks into the Welding ATA degree and a High School diploma. Upon completion of this certificate, the student will have demonstrated the equivalent of 1 year's experience in the metal trades.

The Welding Department often offers credit for knowledge gained through work experience in welding-related fields. If students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Student Name:

Advisor Signature:

Requirements

- Students who place into ENGL 98 or higher, or equivalent, are not required to take an English course for this certificate and will instead take more Fabrication and Welding classes.
- Students who place into MATH 76 or higher, or equivalent, are not required to take a Math course for this certificate and will instead take more Fabrication and Welding classes.

English and Mathematics - 0 to 10 units

Potential Courses

ENGL 97	Beginning Grammar & Writing	5
	Or	
TS 97	Intro/College Paragraphs	5
MATH 76	Mathematical Literacy	5
	Or	
TS 76	Mathematical Literacy	5

- **The following courses must be completed with a grade of C (2.0) or higher.**

Core Requirements - 15 units

Required Courses

MFG T 100	Success & Safety	5
WELD 101	Introduction to Welding	5
WELD 150	Blueprint Reading for Industry	5

- **The following courses must be completed with a grade of C (2.0) or higher.**
- Remember, 43 total units are always required for this certificate.
- Students who are required to complete both an English and Math course - 18 units will be required.
- Students who are required to complete either an English or Math course - 23 units will be required.
- Students who are not required to complete either an English or Math course - 28 units will be required.

Fabrication and Welding Courses - 18 to 28 units

Required Courses

WELD 152	Weld Base Mtrls and Processes	3
	Or	
WELD 190	Oxy-acetylene Welding/Cutting	5
	Or	
WELD 191	Basic Arc Welding	5
	Or	
WELD 192	Advanced Arc Welding	5
	Or	
WELD 193	Basic Pipe Welding	5
	Or	
WELD 194	Gas Tungsten Arc Welding	5
	Or	
WELD 195	Gas Metal Arc Welding	5
	Or	
WELD 196	Flux Core Arc Welding	5
	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	
WELD 213	Practical Fab and Adv Welding	5
	Or	
WELD 216	Advanced TIG Welding	3
	Or	
WELD 217	Aerospace Sheet Metal Fab	5
	Or	
WELD 225	Welding Skills Building	3
	Or	
WELD 285	CNC Plasma/Waterjet Cutting	5
	Or	
WELD 286	Aero CNC Plasma Cutting 2	5
	Or	
WELD 291	Basic Arc Welding 2	5
	Or	
WELD 292	Advanced Arc Welding 2	5

	Or	
WELD 294	Gas Tungsten Arc Welding 2	5
	Or	
WELD 296	Flux Core Arc Welding 2	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 14 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 43

Outcomes

Non-Discrimination Statement

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AMT in Welding and Fabrication Certificate

Overview

Advanced Manufacturing Technology in Welding and Fabrication Certificate (WETAFC20) Active: F 2020

AMTEC Certificates are stackable, and the courses in this certificate can be used in the AMTEC: Welding and Fabrication ATA degree.

The Welding Department often offers credit for knowledge gained through work experience in welding-related fields. If students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Student Name:

Advisor Signature:

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses - 32 to 35 units

Required Courses		
MFG T 100	Success & Safety	5
WELD 101	Introduction to Welding	5
	Or	
WELD 152	Weld Base Mtrls and Processes	3
WELD 191	Basic Arc Welding	5
WELD 193	Basic Pipe Welding	5
WELD 194	Gas Tungsten Arc Welding	5
WELD 195	Gas Metal Arc Welding	5
ENG T 100	Engineering Graphics	4
	Or	
WELD 150	Blueprint Reading for Industry	5

Additional Courses - 5 to 8 units to total 40 for the certificate

Required Courses		
ENG T 100	Engineering Graphics	4
	Or	
MFG T 100	Success & Safety	5
	Or	
WELD 101	Introduction to Welding	5
	Or	
WELD 111	Basic Layout	2
	Or	
WELD 150	Blueprint Reading for Industry	5
	Or	
WELD 151	Carbon Steel Metallurgy	3
	Or	
WELD 152	Weld Base Mtrls and Processes	3
	Or	
WELD 153	Non-ferrous Metallurgy	3
	Or	
WELD 191	Basic Arc Welding	5
	Or	
WELD 192	Advanced Arc Welding	5
	Or	
WELD 193	Basic Pipe Welding	5
	Or	
WELD 194	Gas Tungsten Arc Welding	5
	Or	
WELD 195	Gas Metal Arc Welding	5
	Or	
WELD 210	Heavy Plate Fabrication	5
	Or	
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 212	Pipefitting and Pipe Fab	5
	Or	

WELD 213	Practical Fab and Adv Welding	5
	Or	
WELD 217	Aerospace Sheet Metal Fab	5
	Or	
WELD 225	Welding Skills Building	3
	Or	
WELD 295	Work Experience Internship	2-5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 13 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 40

Outcomes

Non-Discrimination Statement

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Advanced TIG Welding Certificate

Overview

Advanced TIG Welding Certificate (WETATC01) Active: F 2022

Welding Certificates are stackable

This certificate is targeted at students with an interest in TIG welding. This certificate is stackable with the Certification in Welding and the ATA in Welding. The program is designed for students with some previous Welding experience.

The Welding Department often offers credit for knowledge gained through work experience in welding-related fields. If students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Student Name:

Advisor Signature:

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
MFG T 100	Success & Safety	5
WELD 111	Basic Layout	2
WELD 150	Blueprint Reading for Industry	5
WELD 194	Gas Tungsten Arc Welding	5
WELD 216	Advanced TIG Welding	3

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 6 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 20

Outcomes

Non-Discrimination Statement

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Aerospace Welding and Fabrication Certificate

Overview

Aerospace Welding / Fabrication Certificate (MEFAWC20) Active: F 2022

The Aerospace Welding/Fabrication Certificate is a two-quarter program designed to prepare students to work at the entry level in a manufacturing facility and the aerospace industry. The courses serve as an introduction. The knowledge and skills acquired in these courses are required for entry level positions in diverse workplace scenarios with special emphasis on aerospace. Content includes sheet metal fabrication, press break operation, CNC plasma cutting, specialized TIG welding, blueprint reading and safety.

This 35-credit certificate may be considered a stand-alone credential for people seeking to enter the manufacturing field, or as part of a stackable set of certificates and degrees in the EvCC Advanced Manufacturing Program

The Welding Department often offers credit for knowledge gained through work experience in welding-related fields. If

students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
MFG T 100	Success & Safety	5
WELD 111	Basic Layout	2
WELD 150	Blueprint Reading for Industry	5
WELD 194	Gas Tungsten Arc Welding	5
WELD 211	Sheet Metal Fabrication	5
	Or	
WELD 217	Aerospace Sheet Metal Fab	5
WELD 214	Pressbrake/Sub Arc Weld	5
WELD 216	Advanced TIG Welding	3
WELD 285	CNC Plasma/Waterjet Cutting	5
	Or	
WELD 286	Aero CNC Plasma Cutting 2	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 11 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 35

Outcomes

Non-Discrimination Statement

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Welding - Sub Arc Certificate

Overview

Welding, Sub-Arc Certificate (WETSWC01) Active: F 2020

Welding Certificates are Stackable

This certificate is stackable with the Certificate in Welding and the ATA in Welding. The program is designed for students with some previous Welding experience.

The Welding Department often offers credit for knowledge gained through work experience in welding-related fields. If students have industry experience, they may be eligible for credit through a prior experiential learning portfolio. More information on AMTEC prior learning portfolios is available on the EvCC ACPL website.

Requirements

- **All courses must be completed with a grade of C (2.0) or higher.**

Required Courses		
MFG T 100	Success & Safety	5
WELD 111	Basic Layout	2
WELD 150	Blueprint Reading for Industry	5
WELD 214	Pressbrake/Sub Arc Weld	5

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the certificate being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 5 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 17

Outcomes

Non-Discrimination Statement

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Written Arts

Written Arts AFA

Overview

Written Arts AFA (LASWAAA) Active W 2010

The Associate in Fine Arts (AFA) is awarded for completion of coursework in the interdisciplinary arts. Areas of emphasis are Photography, Studio Arts, and Written Arts.

This degree is designed for students pursuing the fine arts but does not transfer to other colleges and universities the way the Associate of Arts Sciences - DTA does. The AFA is accepted by The Evergreen State College and some other colleges.

Students pursuing a Bachelor of Arts or a Bachelor of Fine Arts should consult their faculty advisor and the university in which they intend to enroll about transferability.

Requirements

A GPA of 2.0 is required for graduation.

College Success - 2 units

A College Success course is mandatory for all new degree-seeking students. The class may be waived due to previous college coursework or the specific course of study. Certain programs are exempt from this requirement; please see the College Success webpage for details.

Required Course

COLL 101	College Success	2
	Or	
STEM 101	College Success In STEM	2

General Education Requirements - 30 units

Required Courses

*Note that BUS 130 is an option but is not intended for transfer.

*Select any course other than English.

5 units from the DTA Social Sciences Distribution course list (p. 474)

5 units from the DTA Natural Sciences Distribution course list (p. 471)

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5
	Or	
ENGL& 235	Technical Writing and Research	5
	Or	
ENGL 103	The Critical Paper	5
	Or	
ENGL 105	Creative Non-Fiction	5

Core Emphasis Skills - 30 units

Required Courses

ENGL 210	Editing & Publication II	5
	Or	
ENGL 105	Creative Non-Fiction	5
	Or	
ENGL 168	Fiction II	5
	Or	
ENGL 206	Poetry III	5
	Or	
ENGL 106	Poetry I	5
	Or	
ENGL 108	Fiction I	5
	Or	
ENGL 110	Editing and Publication I	5
	Or	
ENGL 165	Non-Fiction II	5
	Or	
ENGL 166	Poetry II	5
	Or	
ENGL 205	Non-Fiction III	5
	Or	
ENGL 208	Fiction III	5

Emphasis Electives - 8 units

Required Courses

ENGL& 111	Introduction to Literature	5
	Or	
ENGL& 246	American Literature III	5
	Or	
ENGL 252	Medieval & Renaissance Lit	5
	Or	
ENGL 240	Intro. to American Literature	5
	Or	
ENGL 253	Modern European Literature	5
	Or	
ENGL 240	Intro. to American Literature	5
	Or	
ENGL 251	Myth and Lit of Greece & Rome	5

Interdisciplinary Skills - 15 units

Required Courses

ART 110	Visual Foundations and Design	5
	Or	
ART 115	Drawing I	5
	Or	
ART 200	Painting I	5
	Or	
ART 205	Watercolor I	3-5
	Or	
ART 270	Ceramics I	5

	Or	
ART H 124	Understanding World Art	5
	Or	
CMST& 102	Introduction to Mass Media	5
	Or	
CMST& 220	Public Speaking	5
	Or	
DRMA& 101	Introduction to the Theatre	5
	Or	
DRMA 102	Beginning Acting	5
	Or	
FILM 100	Introduction to Film	5
	Or	
GRAPH 120	History of Graphic Design	5
	Or	
GRAPH 201	Advertising Design	5
	Or	
GRAPH 202	Packaging Design	5
	Or	
JOURN 101	Introduction to Journalism	5
	Or	
JOURN 110	Media Writing	5
	Or	
JOURN 170	Student News Media	3
	Or	
MUSC& 105	Music Appreciation	5
	Or	
MUSC& 141	Music Theory I	5
	Or	
MUSC 110	World Music	5
	Or	
MUSC 115	Popular Music In America	5
	Or	
MUSC 116	Survey of Jazz	5
	Or	
PHOTO 110	Intro to Digital Photography	5
	Or	
PHOTO 210	Color Theory: Concept/Practice	5
	Or	
PHOTO 230	History of Photography	5
	Or	
PHOTO 243	Studio Lighting Photo & Video	5

Final Presentation - 5 units

Required Course

ENGL 299	Special Projects	1-5

Note:- This is a variable credit course. Review how many units you will need for ENGL 299: Special Projects with your advisor. The Written Arts AFA requires 90 units total.

Diversity Course Requirement

Diversity courses focus on perspectives related to cultural diversity in our society, which is defined as including human

differences in culture, race, ethnicity, age, sex, sexuality, gender, ability, class, socioeconomic status, language, and religion. Courses are listed in the Class Schedule with a Diversity Class Attribute. They are typically found in the areas of Communications, Humanities, Social Sciences and Transfer Electives. A Diversity course may count toward one of the Distributions listed above, as well as meeting the Diversity Course requirement. Please consult with your advisor.

Completing one diversity class with a grade of D or better is an EvCC institutional requirement and is necessary to receive any degree from Everett Community College.

Required Course

Any course from the Diversity course list

EvCC Residency Units Requirement

To be eligible to earn a diploma at EvCC for any certificate, at least one-third of the units must be earned at Everett Community College and apply towards the credential being earned. These units must be traditionally graded and calculated in the EvCC GPA.

Required Residency Units: 30 minimum

Additional Graduation Requirements

In addition to the applicable Diversity and Residency Units requirements, EvCC has other graduation requirements for all certificates and degrees, including which version of credential requirements should be met, a cumulative GPA of at least 2.0, fulfillment of all obligations to the college (financial or otherwise), and filing of an application for graduation. Details can be found in EvCC Graduation Requirements or in the Current Catalog on the EvCC website.

Subtotal: 90

Outcomes

Program Learning Outcomes

- Critique verbally and in writing, visual and media arts using the language of the chosen discipline.
- Create and analyze a body of work that demonstrates personal development and proficiency in the use of tools, techniques, and processes relevant to the chosen discipline of study.
- Integrate knowledge of the chosen discipline of study with an understanding of the social, cultural, historical, and aesthetic context of artistic work.
- Articulate the educational and vocational opportunities available in the chosen discipline of study.

Non-Discrimination Statement

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. Contact the following people with inquiries or complaints regarding discrimination, Title IX compliance, or Americans with Disabilities Act compliance: Equal Opportunity Director: EqualOpportunity@everettcc.edu, 425-388-9271; ADA Coordinator: ADAcoordinator@everettcc.edu, 425-388-9232; Title IX Coordinator: TitleIXCoordinator@everettcc.edu, 425-388-9271. All offices are located in Olympus Hall 111, 2000 Tower St. Everett, WA 98201. For more information, visit the Equal Opportunity and Title IX website: EverettCC.edu/EqualOpportunity.

Courses

ACCT - Accounting

ACCT 100 - Accounting for Non-Accountants (2)

Overview of accounting practices, concepts, and vocabulary designed for non-accounting staff who work with accounting and financial data. Emphasizes the interpretation of accounting concepts that underlie basic financial statements with limited focus on the detailed mechanics. Fundamentals of accounting, accounting for sales, cost of sales and inventory, internal controls (cash), depreciation methods, financial statements, and financial statement analysis, including how to read, use, calculate key financial metrics, and interpret financial information.

ACCT 110 - Small Business Accounting (5)

Theory and practice of double-entry bookkeeping for small, unincorporated businesses. Includes use of journals and ledgers, preparation of basic payroll records, worksheets, financial statements, bank statement reconciliations, and adjusting and closing entries. Emphasizes development of basic bookkeeping knowledge and skills. Not intended for transfer.

Prerequisite: Eligibility for MATH 76 or equivalent.

ACCT 112 - Federal Income Taxation I (5)

Fundamentals of federal income taxes for the sole proprietorship form of business. Presents the basic framework of federal income tax filing requirements, the determination of adjusted gross income, and adjustments from adjusted gross income. The effect of personal and business deductions and business income is included. Covers preparation of a basic federal income tax return. Not intended for transfer.

Prerequisite: ACCT 110 or ACCT& 201 with a grade of C or higher.

ACCT 113 - Personal and Consumer Finance (3)

Introduction to planning, analyzing, managing, investing, growing and protecting personal financial resources. Includes money management, credit management, insurance, and investing.

ACCT 199 - Special Projects in Accounting (1-5)

Independent study projects on selected topics in accounting. Credit to be arranged with instructor.

ACCT 210 - Payroll Accounting (5)

An examination of systems and operations of payroll accounting, including federal, state, and local payroll taxes related to business. Students will prepare payroll, record payroll, payroll tax forms; the basics of wage and hour laws, both federal and state. Coursework will be conducted utilizing manual methods, and computer-based software. Not intended for transfer students.

Prerequisite: ACCT 110 and BT 242 each with grade of C or higher.

ACCT 215 - Computer Accounting (5)

Introduction to computerized bookkeeping and accounting. The standard accounting cycle with supporting schedules and worksheets will be completed using various computer programs; Integrated General Ledger software, including Quickbooks, and spreadsheets. Not intended for transfer.

Prerequisite: ACCT 110 or ACCT& 201 with a grade of C or higher.

ACCT 230 - Intro to Fraud Examination (5)

Basic topics of fraud examination, including fraud schemes, laws related to fraud, the nature of fraud; understanding the implications of the fraud triangle; and risk assessment, prevention, detection, deterrence, and investigation of fraud. Gathering evidence through the examination of documents, interview theory and application, sources of information, accessing online information, tracing illicit transactions, ethics, report writing, and reporting standards.

Prerequisite: ACCT 110 or ACCT& 201 with a grade of C or higher.

ACCT 299 - Special Projects (1-5)
ACCT 300 - Finance (5)

Introduction to financial decision making. Financial statement analysis, time value of money, risk and return, financial assets, securities valuation, capital budgeting, cost of capital, and capital structure.

Prerequisite: ACCT 250 with a grade of C or higher.

ACCT 350 - Intermediate Accounting II (5)

Continuation of the theoretical foundations of accounting. Valuation of assets, accounting for debt and equity investments, current liabilities and contingencies, bonds and long-term notes and lease accounting.

Prerequisite: ACCT 250 with a grade of C or higher.

ACCT 351 - Intermediate Accounting III (5)

Continuation of theoretical foundations of accounting. Accounting for income taxes, pensions and other post-retirement benefits, shareholder's equity, and additional financial reporting issues.

Prerequisite: ACCT 350 with a grade of C or higher.

ACCT 360 - Cost Accounting (5)

Exploration of the purpose and methods of cost accounting for efficient and effective planning and control. Examination of cost behavior and alternate costing methods including job order, process, and standard cost accounting systems and cost variances. Additional topics include budgets and profitability analysis.

Prerequisite: ACCT& 203 with a grade of C or higher.

ACCT 370 - Forensic Accounting (5)

Application of advanced accounting topics, cutting-edge investigative expertise, and legal issues in professional business settings. Focus on auditing, financial data, and accounting activities.

Prerequisite: ACCT 351 and ACCT 360, each with a grade of C or higher.

ACCT 400 - Accounting Information Systems (5)

Introduction to systems analysis and the application of information system concepts to the accounting process. Manual and automated accounting cycles, system processes, controls, flowcharting data analytics, and internal controls pertinent to each of the major transaction processing cycles for a typical business enterprise.

Prerequisite: ACCT 351 with a grade of C or higher.

ACCT 420 - Auditing (5)

Introduction to auditing standards and the legal and ethical environment of the profession with emphasis on materiality, audit risk, and audit reports. The application of the audit process to multiple business cycles, internal controls, audit of financial statements utilizing work papers, sampling, and audit tests and procedures.

Prerequisite: ACCT 400 with a grade of C or higher.

ACCT 450 - Federal Income Taxation II (5)

Advanced approach to the principles of federal taxations. Concepts and provisions of federal income taxation in relation to property transactions for partnerships and corporations.

Prerequisite: ACCT 112.

ACCT 470 - Advanced Accounting (5)

Application of advanced accounting theory including business combinations, consolidated financial statements, and international transactions and investments. Mergers and acquisitions, subsidiary investments and transactions, international accounting issues and foreign currency transactions, derivatives, and hedging activities.

Prerequisite: ACCT 351 and ACCT 360, each with a grade of C or higher.

ACCT 490 - Accounting Capstone (5)

Apply advanced accounting theory to complete a practical project in accounting with mentorship of instructor/accounting professional. Enhances student professional experience and critical thinking skills in specific curriculum-related areas of accounting including auditing, taxation, fraud, finance, payroll, receivables, payables, governmental, and nonprofit accounting.

Prerequisite: ACCT 300, ACCT 351, ACCT 370, ACCT 400, ACCT 420, ACCT 450, ACCT 470; each with a grade of C or higher.

ACCT-Accounting-CCN

ACCT& 201 - Principles of Accounting I (5)

Introductory transfer-level accounting course. Required for all bookkeeping/accounting and business transfer students. Includes introduction to the financial accounting process, principles, concepts and issues that govern the preparation and interpretation of financial statements; theory of double-entry bookkeeping; accounting procedures for service and merchandising firms; and the accounting treatment for cash, receivables, and inventory.

Prerequisite: ACCT 110 with a grade of C or higher OR eligibility for MATH 138.

ACCT& 202 - Principles of Accounting II (5)

Continuation of ACCT 201. Focus on issues and choices involved in asset valuation, income determination, and financial statement preparation. Topics covered include treatment of long-term assets, current and long-term liabilities, short- and long-term investments, and transactions affecting stockholder equity. Also covers preparation of cash flow statements as well as calculation and interpretation of financial performance ratios and comparative and common-size financial statements.

Prerequisite: ACCT& 201 with a grade of C or higher.

ACCT& 203 - Principles of Accounting III (5)

Use of accounting as tool to assist management in planning, analyzing, control, and decision making. Includes budgeting, cost behavior, cost-volume-profit analysis, standard cost systems, cost variance analysis, and capital project analysis using cash flow diagrams and present value techniques. Emphasizes accounting methods helpful in commonly encountered business decision problems.

Prerequisite: ACCT& 202 with a grade of C or higher.

AEP - Academic English Program

AEP 67 - Academic List/Speak (3-6)

This course is designed for non-native speakers of English to practice advanced listening and speaking skills to specifically prepare for academic environments in an American classroom. *This course is only for students admitted through the International Programs office.

Prerequisite: IEP 65 with a grade of C or higher, or placement in AEP 67 by oral assessment. Enrollment approved for International Students only.

AEP 77 - Academic English Grammar (3)

Advanced English grammar for non-native speakers with an emphasis on sentence function and pattern, parts of speech, and punctuation. Various types of clauses, compound, complex, and compound-complex sentences will be mastered. This course is only for students admitted through the International Programs office.

Prerequisite: IEP 75 with a grade of C or higher, or placement in AEP 77 by grammar assessment. Enrollment approved for International Students only.

AEP 97 - Academic Read/Write (5)

Academic reading and writing for non-native speakers with an emphasis on paragraph development, writing process, summarizing reading materials, scanning for information, and vocabulary development. AEP 97 is equivalent to English 97 and may be substituted by English 97. This course is only for students admitted through the International Programs office.

Prerequisite: IEP 75, IEP 85, AND IEP 95 with a grade of C or higher, or placement into AEP 97 by writing assessment, OR concurrent enrollment in, exemption from, or completion of AEP 67 AND AEP 77. Enrollment approved for International Students only.

AEP 98 - Intro-College Read/Write (5)

Preparation for college writing for non-native speakers of English. Covers the writing process and different styles of essay writing. Develops reading skills (scanning for critical information, identifying main ideas, and supporting details). This course is only for students admitted through the International Programs office.

Prerequisite: AEP 67, AEP 77, AND AEP 97 with a grade of C or higher, or placement into AEP 98 by writing assessment. Enrollment approved for International Students only.

AMTA - Aviation Maint Tech Appr AJAC

AMTA 101 - Basic Electricity (5)

This apprenticeship course introduces the fundamentals of basic electricity, including electrical circuitry and aircraft electrical systems .

AMTA 102 - General Topics I (5)

This apprenticeship course addresses drawing interpretation, symbols, plan views, blow-up and wiring diagrams, and basic damage mapping techniques.

AMTA 103 - General Topics II (5)

This apprenticeship course covers identification and selection of fuels, proper treating of structural corrosion and proper maintenance record entries.

AMTA 104 - Aircraft Structures I (5)

This apprenticeship course covers physics, government regulations for aviation maintenance, mechanic privileges, wood

structures, aircraft covering and finishes.

AMTA 201 - Aircraft Structures II (5)

This apprenticeship course covers sheet-metal and nonmetallic composite structures, welding an aircraft; aerodynamics of flight, and routine inspection.

AMTA 202 - Aircraft Systems I (5)

This apprenticeship course covers shock struts, wheels and tires, brakes; steering, warning, and anti-skid, systems, safety practices; hydraulic fluid types and characteristics; hoses, fittings, attachments, and seals; inspection, servicing, and standard maintenance practices.

AMTA 203 - Aircraft Systems II (5)

This apprenticeship course covers cabin atmosphere control systems, aircraft instrument systems, communication and navigation systems, and aircraft fuel systems, tanks, valves, and pumps.

AMTA 204 - Aircraft Systems III (5)

This apprenticeship course teaches students to identify and install the correct types of connectors on aircraft electrical wiring, the size and type of wiring and approved components in an electrical system.

AMTA 205 - FAA Cert Test Prep (5)

This apprenticeship course prepares the student to sit for the Aviation Maintenance Technician General and Airframe Exams. Students review subjects covered in AMTA 101-204, learn test taking skills, complete written and oral practice problems, and solve practical problems through hands-on activities.

AMT - Aviation Maintenance Tech

AMT 102 - Basic Electricity (3)

Direct current circuits, series/parallel circuit arrangements, understand the relationship of voltage, current, resistance, and power, calculating/measuring these values, and learn the operation of the multimeter and troubleshooting.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT 105 - Human Factors (2)

Human Factors in Aviation; definition, brief history of Human Factor studies, and models to help identify and correct Human Factors issues within their work environment.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT 180 - Troubleshooting Fundamentals (2)

An analytical framework and process to effectively troubleshoot complex aircraft systems.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT 199 - Special Project in Aviation (1-10)

Independent study projects on selected topics in aviation maintenance. Credit to be arranged with instructor.

AMT 276 - Lubrication Syst: Turbine Eng (3)

Understand the components of and operation of engine lubrication systems, the requirements and characteristics of engine lubricants and lubrication systems.

AMT 295 - Aviation Master Class (16)

Intensive master class for those with an approved FAA 8610-2 AMT rating application. Reviews General, Airframe, and Powerplant curriculum of the written, oral and practical FAA exams. Special focus on civilian aviation not typically encountered during military service.

AMT 296 - Aviation MStr Portfolio (2)

Preparation to enter the aviation industry using multiple workforce strategies and workshops. Demonstrated knowledge of attaining the FAA AMT Certificate.

AMT-Aviation-Maintenance-Tech-CCN

AMT& 101 - Basic Electricity (5)

Theory and application of basic electricity including: direct current circuits, series and parallel circuit arrangements and their application; the relationship of voltage, current, resistance, and power, calculations and measurements of these values; and operation of the multimeter and its use in troubleshooting. Understand the operation, use of semiconductors and digital logic devices. Understand battery technology and perform maintenance.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 111 - Math and Physics (4)

Application of mathematical computations required in the Aviation Maintenance Technician curriculum. Theory and application of scientific principles that apply to the operation of aircraft and the equipment that the aviation maintenance technician uses.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 121 - Weight and Balance (2)

Theory and application of weight and balance to aircraft safety, required calculations for weight and balance checks, equipment changes, extreme loading checks and the addition of ballast.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 131 - Corrosion/Fluid Lines (5)

Theory and application of corrosion types and causes, proper materials and processes to remove corrosion byproducts, corroded areas and treatment with proper protection. Identification of fluid line components, fabrication of rigid and flexible fluid lines, and installation of fluid lines on aircraft.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 141 - Aircraft Drawings (2)

Theory and application of aircraft repairs and alterations, aircraft blueprints, graphs, and charts.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 151 - Operations and Servicing (4)

Theory and application of safe ground handling procedures, aircraft movement and storage and identification of aviation fuels.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 161 - Materials and Processes (7)

Theory and application in selecting non-destructive testing methods including dye-penetrant, eddy current, ultra-sound,

magnetic particle inspection. Application of basic heat-treating processes, aircraft hardware and materials, inspecting welds, and performing precision measurements.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 171 - Federal Aviation Regulations (4)

Theory and application of record maintenance and entries, maintenance forms, records, and inspection reports, application of information in FAA and manufacturers maintenance specifications, data sheets, manuals, publications and related Federal Aviation Regulations, Airworthiness directives, and advisory material, and mechanic privileges within the limitations prescribed in 14 CFR Part 65.

Prerequisite: Eligibility for MATH 86 and eligibility for ENGL& 101 AND instructor permission.

AMT& 201 - Composites (5)

Theory and application of inspection and repair of aircraft composite type structures including transparent plastic enclosures and interiors.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 205 - Wood, Covers, and Finish (9)

Theory and application of wood aircraft construction, including inspection and repair. Selection, application, inspection, testing and repair of aircraft fabric and fiberglass covering materials and types of aircraft protective coatings, trim applications, markings, finish problems and the inspection of finishes.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 207 - Welding (2)

Theory and application of fabrication, construction, and repair of welded aircraft structures.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 211 - Sheet Metal (10)

Theory and application of sheet metal aircraft structures fabrication, construction, inspection, and repair.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 215 - Assembly and Rigging (7)

Theory and application of fixed wing and rotorcraft assembly, components, rigging of all flight control surfaces, balancing and inspection of flight controls, alignment of aircraft structures, and jacking of aircraft.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 221 - Airframe Inspection (4)

Theory and application of methods and techniques of all phases of aircraft inspections, including the Federal Aviation Regulations, Maintenance record entries, and disposition of those records.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 223 - Landing Gear/Hydraulics (9)

Theory and application of inspection, checking, service, troubleshooting and repair of landing gear retraction systems, shock struts, brakes, wheels, tires, and steering systems, and hydraulic and pneumatic power systems and components. Includes speed and configuration warning, electrical brake controls, antiskid, position indicating and warning systems.

Prerequisite: Completion of all 100-levelAviation Maintenance Technician School courses AND instructor permission.

AMT& 231 - Ice and Rain/Fire Systems (3)

Theory and application of ice and rain on aircraft during operations, equipment and materials used to counter ice and rain and maintenance of the equipment. Theory and application of toxic gas and fire detection and extinguishing systems.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 235 - Navigation Communication (1)

Theory and application of operating common airborne avionics equipment, antennas, autopilots, servos approach coupling systems, interphones and static discharge devices, and ground proximity warning systems. Inspection and repair of antennas and electronic equipment.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 237 - Airframe Fuel Systems (3)

Theory and application of fuel dump operation and maintenance, fuel management transfer, aircraft refueling and pressure fueling systems, quantity indication, pressure, and temperature warning systems, and maintenance requirements for fuel systems.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 239 - Aircraft Electrical (2)

Theory and application of AC and DC electrical systems operation used on large and small aircraft, generating and starting systems, AC and DC electric motors, wiring, controls, switches, indicators, and protective devices, and constant speed and integrated drive generators.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 241 - Instrument Systems (2)

Theory and application of common aircraft instruments operation, air or vacuum driven gyros and pitot-static systems and static leak tests.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 245 - Cabin Environment (3)

Theory and application of the physiological aspects of flight and inspection and maintenance of oxygen, pressurization, heating, cooling, and air conditioning systems. Water and wastewater system maintenance and repair.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 251 - Reciprocating Engines I (5)

Theory and application of reciprocating engine theory consisting of the history of aircraft engines, principles of energy transformation, theory of operation, engine requirements and configuration, and overhaul of horizontally opposed engines including the installation, troubleshooting, repair and removal of engines. First in a two-course sequence.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 252 - Reciprocating Engines II (5)

Theory and application of reciprocating engine theory consisting of the history of aircraft engines, principles of energy transformation, theory of operation, engine requirements and configuration, and overhaul of horizontally opposed engines including the installation, troubleshooting, repair and removal of engines. Second in a two-course sequence.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 253 - Turbine Engines I (5)

Turbine engine theory and application including: history, types, and theory of operation, the Brayton cycle, Bernoulli's principle, turbine engine air flow characteristics, and maintenance of the turbine, including installation and removal, inspection, troubleshooting and repair procedures. First in a two-course sequence.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 254 - Turbine Engines II (5)

Turbine engine theory and application including: history, types, and theory of operation, the Brayton cycle, Bernoulli's principle, turbine engine air flow characteristics, and maintenance of the turbine, including installation and removal, inspection, troubleshooting and repair procedures. Second in a two-course sequence.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 257 - Engine Inspection (3)

Theory and application of engine inspection including detailed work with the Federal Aviation Regulations, types of inspections, conformance to type certificate data sheets and major alterations, airworthiness directives, and maintenance record entries.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 261 - Engine Instruments (1)

Theory and application of electrical and mechanical fluid rate of flow indicating systems, and electrical and mechanical temperature, pressure, and RPM indicating systems.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 265 - Engine Fire Protection (1)

Theory and application of fire detection and fire extinguishing systems, and components of equipment and the maintenance, troubleshooting, and repair of the systems.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 267 - Engine Electrical (5)

Theory and application of generators, alternators, DC motors, and AC motors, and their repair and overhaul, special requirements of electrical components operating in high temperature areas and installation and protection of wiring, controls, switches, and indicators.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 271 - Ignition and Start Systems (6)

Theory and application of magneto and ignition harnesses, including operation, maintenance, and overhaul, inspection, servicing, troubleshooting, and repair of reciprocating and turbine engine ignition systems, components and turbine engine electrical and pneumatic starting systems.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 275 - Lubrication Syst: Recip Eng (4)

Theory and application of engine lubrication systems and the requirements and characteristics of engine lubricants and lubrication systems.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 279 - Engine Fuel Systems (7)

Theory and application of the chemistry and combustion characteristics of fuel, the system components in both reciprocating and turbine engines and maintenance and repair of the systems, including metering of fuel for float carburetors, fuel Injection, pressure carburetors, anti detonate injection, and turbine electronic and hydromechanical fuel controls.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 281 - Engine Induction/Cooling (4)

Theory and application of carburetor, fuel injected, naturally aspirated, turbo-charged, and supercharged induction system maintenance. Theory and application of ice and rain control systems. Theory and application of air cooled engines, exhaust systems, turbine engine reversing systems, and power recovery turbines.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

AMT& 285 - Propellers and Fans (6)

Theory and application of propellers and fans including operation, controls, and instrumentation on fixed pitch, controllable pitch, constant speed, and feathering propellers. System study includes anti-icing and sychrophasing systems, and propeller inspection, maintenance and repair. Familiarization with unducted fan engines.

Prerequisite: Completion of all 100-level Aviation Maintenance Technician School courses AND instructor permission.

ANTH - Anthropology

ANTH 116 - Cultures In Context (5)

General study of the field of cultural anthropology, which studies humanity from a cross-cultural perspective and the field of linguistic anthropology which examines human verbal and non-verbal communication. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

ANTH 122 - Human Diversity (5)

Explores the historical context in which racial categories were invented and acknowledges that this racialization of America resulted in disparities in lived experiences. Also discusses that human variation is real, but is not the same as race. Addresses the connections of racial categories to gender and class. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

ANTH 182 - Service Learning (1-2)

Service Learning combines the opportunity of volunteerism with academic applications of social, economic, and political issues important to the local community. Provides for real-life application of skills and knowledge that extends learning beyond the classroom and into the community. May be repeated up to six credits.

Prerequisite: Eligibility for ENGL& 101.

ANTH 199 - Special Projects Anthropology (1-5)

Special projects in Anthropology course for the Consortium's Study Abroad Program.

ANTH 201 - Human Ecology I (5)

Apply traditional ecological knowledge and modern science to contemporary problems. Partner with tribes, governments, non-profits and businesses to make our community more sustainable through wildlife tracking, habitat restoration and

environmental stewardship.

Prerequisite: Eligibility for ENGL& 101.

ANTH 230 - African American Experience (5)

Anthropological analysis of how African Americans contribute to American society, understanding of the varied African American ethnicities using fieldwork and ethnographic studies. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

ANTH 255 - Medicine across Cultures (5)

Cross-cultural analysis of the environmental, historical, biological and cultural contributions to illness and health. Writing assignments represent a significant component of coursework. Also offered as SOC 255. Credit may not be earned in both SOC 255 and ANTH 255.

Prerequisite: Eligibility for ENGL& 101.

ANTH 299 - Special Projects (1-5)

ANTH-Anthropology-CCN

ANTH& 115 - Our Place In Nature (5)

General study of the discipline of anthropology looking at several sub-disciplines, including linguistics, biological anthropology, primatology and archaeology. Examining fieldwork in anthropology, and exploring human biological variation, major evolutionary trends, and modern taxonomic relationships of the nonhuman primates as well as the human fossil record in the geological context of the last six million years of earth history.

Prerequisite: Eligibility for ENGL& 101.

ANTH& 204 - Archaeology (5)

The study of human history through material remains. Exploration of how archaeologists discover and interpret ancient sites, analyze the cultural impact of environmental change, trace global transformations in human social organization, and examine ethical considerations in the preservation and interpretation of cultural heritage.

Prerequisite: Eligibility for ENGL& 101.

ANTH& 206 - Cultural Anthropology (5)

Introduction to the study of culture and society using a cross-cultural perspective to gain a better understanding of family life, kinship, economic, political, and religious systems in the U.S. and around the world. Introduces anthropological methods including participant-observation, interviews, analysis of qualitative data, and ethnographic writing. Writing assignments, which represent more than 50% of the coursework, are designed in compliance with the expectations for a W-designated course.

Prerequisite: ENGL& 101 with a grade of C or higher.

ANTH& 215 - Bioanthropology W/Lab (5)

Survey of the biocultural evolution of humans and our primate relatives. Topics include primate evolution and behavior, fossil evidence of human ancestors, the genetics of human variation, and the interaction of biology and culture in shaping our species.

Prerequisite: Eligibility for ENGL& 101, AND eligibility for MATH 96.

ANTH& 216 - Indigenous Peoples of NW Coast (5)

Overview of traditional native societies of the Northwest Coast from southern Alaska to northern California; significant features such as art, totemic crests, rank, religious beliefs, the potlatch, fishing and foraging are illustrated by comparisons and by selected ethnographic sketches; the contemporary situation in context of continuity with the past. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

ANTH& 234 - Religion and Culture (5)

Comparative social anthropological study of religious systems. Inquiry into various aspects of comparative tribal and world religions such as symbolism, rituals, doctrines, myths, religious specialists, personal, ecological, and social meaning of belief systems as these create religious worlds that are the context in which people live their lives. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

APM - Precision Machining Appr AJAC

APM 101 - Precision Machining I (5)

Course covers fundamental safety, drawings, tools and manual machining skills and knowledge required for a job in aerospace and advanced manufacturing and introduces the four basic methods for subtractive manufacturing: drilling, milling, turning and grinding and the requisite measuring skills to make a product from a drawing.

APM 102 - Precision Machining II (5)

This course builds on the four basic methods for subtractive manufacturing practiced in Precision Machining I, adding skills include: single point threading, knurling on lathe, alignment of head to cut a specific angle. Apprentices will complete a course project: constructing a C-clamp.

APM 103 - Engineering/Technical Drawings (5)

Interpretation and application of skills required for interpreting technical drawings and transforming drawings into manufactured products.

APM 121 - Shop Algebra (5)

Application and manipulation of algebraic formulas, simplifying expressions, solving linear equations, adding, subtracting, multiplying, dividing monomial fractions, ratios, proportions and percentages, as well as working with number lines and absolute and incremental Cartesian coordinates and the applications of formulas to shop problems.

APM 122 - Applied Geometry & Trig (5)

Builds on the knowledge of mathematics skills learned in applied shop algebra to develop a working knowledge of geometry and trigonometry as it relates to aerospace and advanced manufacturing.

APM 123 - CNC Operation and Setup (5)

This course introduces basic CNC machine operation and setup, and is designed to provide students with CNC operator certification. Students will learn fundamental components to safe CNC operation and accurate CNC machine setup. Apprentices will complete a course project which will demonstrate their competency in the operation and setup of a CNC lathe and mill.

APM 201 - GD&T and Precision Fits (5)

Theory and application of the use of standard tolerances and GDT concentrating on geometric dimensioning and its relation to engineering drawings.

APM 202 - CNC Programming Mill (5)

Skills and techniques for writing simple commands and basic programs for Computer Numerical Control (CNC) mills.

APM 203 - CNC Programming Lathe (5)

Writing simple commands and basic programs for Computer Numerical Control (CNC) lathes, including verification of programs and identification of various syntax and logical problems in programming codes.

APM 221 - Mtrl, Process, and Reference (5)

Utilization of the Machinery's Handbook to identify the composition and characteristics of materials, including metals, plastics, ceramics and other composites. How composition influences each material's behavior, and how to manipulate that behavior through manufacturing processes.

APM 222 - Inspection (5)

The science and skill of measuring and inspection as it relates to aerospace and advanced manufacturing, including the methods and instruments used to effectively inspect parts in the shop.

APM 223 - Advanced Machining Technology (5)

Introduction to advanced machining technologies, including laser cutting, Electrical Discharge Machining (EDM), and water jet cutting. Identification of, and the characteristics of, parts manufactured by advanced machining technologies.

APM 250 - Jigs and Fixtures (5)

Apprentices will learn to design jigs, fixtures, and gauges for a variety of manufacturing applications.

APM 251 - Die Design (5)

Apprentices will learn to design dies for power presses that pierce, blank, punch, and form materials.

APM 252 - Mold Making and Design (5)

This course will explore the materials, processes, and mold design principles for injection molding, compression molding, transfer molding, and die casting.

APPR - Apprenticeship

APPR 18 - PUD Lineman Apprenticeship (5)

PUD Lineman Apprenticeship.

APPR 19 - PUD System Operator Apprentice (5)

PUD System Operator Apprenticeship.

APPR 20 - PUD Meterman Apprenticeship (5)

PUD Meterman Apprenticeship.

APPR 21 - PUD Utility Wireman Apprentice (5)

PUD Utility Wireman Apprenticeship.

ARAB - Arabic

ARAB 121 - Arabic I (5)

First course in a sequence of three courses to practice fundamental elements of Arabic pronunciation, grammar and culture in

the context of practical conversational Arabic. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

ARAB 122 - Arabic II (5)

Second course in a sequence of three to practice fundamental elements of Arabic pronunciation, grammar and culture in the context of practical conversational Arabic. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: ARAB 121 with a grade of C or higher.

ARAB 123 - Arabic III (5)

Last course in a sequence of three to practice fundamental elements of Arabic pronunciation, grammar and culture in the context of practical conversational Arabic. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: ARAB 122 with a grade of C or higher.

ART - Art

ART 110 - Visual Foundations and Design (5)

Foundational course in developing the recognition, understanding, and manipulation of the basic principles and elements of design as applied to two-dimensional art. Faculty structured assignments will focus on the use of the design elements and organizational principles as a point of departure for critical thinking and creative problem solving.

ART 111 - Design II: 3 Dimensional (5)

Continued exploration of the basic principles and elements of design as applied to three-dimensional art. Faculty structured assignments focus on the use of line, planes, surface, materiality, shape, volume and structure with emphasis on craft and presentation. Basic principles and elements used to solve 3-D visual problems in a variety of materials using hand tools.

ART 113 - Beginning Life Drawing (3)

Introduction to figure drawing from live models including study of anatomy, proportion, use of line, value, shape, space, foreshortening and perspective as related to the figure through instructor-guided exercises. May be repeated two times for credit.

Prerequisite: ART 115 with a grade of C or higher.

ART 114 - Intermediate Life Drawing (3)

Intermediate level of figure drawing from live models. Emphasizes investigation into the use of various media including color, use of the elements for expression, mastery of basic skills in proportion, and exploration of the styles and representation of the figure by artists throughout history and in contemporary art.

Prerequisite: ART 113 with a grade of C or higher.

ART 115 - Drawing I (5)

Introductory course emphasizing principles and elements of the visual arts as seen in drawing. Development of observational drawing skills in the use of linear perspective, line, shape, value, space, proportion and scale. Primary medium used is charcoal. Faculty guided exercises including the role of drawing as a tool in other visual disciplines, style, history, and vocabulary.

ART 116 - Drawing II (5)

Intermediate course emphasizing principles and elements of the visual arts applied to meaning and expression. Use of various media, including charcoal, conte, and pastel. Proficiency of skills in observational drawing including composition, subject

matter, content. Introduction of color; materials and techniques. Written analysis of creative process and use of drawing by major artists. Drawing from live models may be included.

Prerequisite: ART 115 with a grade of C or higher.

ART 123 - Introduction to Studio Art (5)

Introduction to studio work in a wide range of media for the student with little experience in the visual arts. Traditional and contemporary approaches to creating artwork combined with the study of visual language and culture. Course includes all forms of 2D visual expression, the process of artistic creation and thought, and the role of visual culture in society and history. Gallery, studio, and museum visits may be included. Course is divided between lecture/discussion sessions and studio practice. May be repeated two times for credit.

ART 182 - Service Learning (1)

Course combines volunteerism opportunities with academic applications of social, economic,and political issues important to the local community. Offers real-life application of skills and knowledge beyond the classroom.

ART 195 - Foundation Portfolio Review (2)

Portfolio review of student's work upon successful completion of program core curricula courses. Student works individually with an assigned program instructor in evaluating their submitted portfolio to determine their readiness for advanced level courses leading to an AFA degree.

Prerequisite: ART 110, ART 115, GRAPH 110 and PHOTO 110, each with a grade of C or higher.

ART 199 - Studio Workshop (1)

Art studio workshop offered in a variety of medium.

ART 200 - Painting I (5)

Studio practice of fundamental painting skills through traditional imagery using the media of oil or acrylic paint. Technical information about the physical properties of paint, mediums, support and tools. Language and understanding of the principles and elements of art as they apply to painting. Manipulation of the media for representation including color theory, form, value, texture, shape and composition. Faculty structured exercises to develop skills, style and expression. ART 110 recommended.

Prerequisite: ART 115 or ART 123 with a grade of C or higher.

ART 201 - Painting II (5)

Studio practice of fundamental painting skills through traditional imagery using the media of oil or acrylic paint. Technical information about the physical properties of paint, mediums, support and tools. Language and understanding of the principles and elements of art as they apply to painting. Manipulation of the media for representation including color theory, form, value, texture, shape and composition. Faculty structured exercises to develop skills, style and expression. Advanced courses include contemporary modes of painting, mixed media techniques, professional development and presentation.

Prerequisite: ART 200 with a grade of C or higher.

ART 202 - Painting III (5)

Studio practice of fundamental painting skills through traditional or contemporary imagery using the media of oil or acrylic paint. Technical information about the physical properties of paint, mediums, support and tools. Language and understanding of the principles and elements of art as they apply to painting. Manipulation of the media for representation including color theory, form,value, texture, shape and composition. Faculty structured exercises to develop skills, style and expression. Advanced courses include contemporary modes of painting, mixed media techniques, professional development and presentation.

Prerequisite: ART 201 with a grade of C or higher.

ART 203 - Painting IV (5)

Studio practice of fundamental painting skills through traditional or contemporary imagery using the media of oil or acrylic paint. Technical information about the physical properties of paint, mediums, support and tools. Language and understanding of the principles and elements of art as they apply to painting. Manipulation of the media for representation including color theory, form,value, texture, shape and composition. Faculty structured exercises to develop skills, style and expression. Advanced courses include contemporary modes of painting, mixed media techniques, professional development and presentation.

Prerequisite: ART 201 with a grade of C or higher.

ART 205 - Watercolor I (3-5)

Studio training in basic transparent watercolor skills necessary for artistic expression. Color theory and its application to pictorial composition. Investigation of materials, tools, techniques.

Prerequisite: ART 115 with a grade of C or higher.

ART 206 - Watercolor II (3-5)

Studio training in basic transparent watercolor skills necessary for artistic expression. Color theory and its application to pictorial composition. Investigation of materials, tools, techniques. Advanced course explore personal experimentation and style development through both traditional and contemporary approaches. Professional presentation techniques.

Prerequisite: ART 205 with a grade of C or higher.

ART 215 - Life Drawing I (5)

Course sequence in the representation of the human figure through drawing from live models. Study of human anatomy as it applies to art, involving the proportions of the figure, use of line and value, negative space, foreshortening and perspectivethrough instructor-guided exercises. Investigation of the role of the figure in art and culture throughout history. ART 110 recommended.

Prerequisite: ART 115 with a grade of C or higher.

ART 216 - Life Drawing II (5)

Investigation into various media including color, uses of the elements for expression, mastery of basic skills, and exploration of the styles and representation of the figure by artists in historical and contemporary art. Investigation of the role of the figure in art and culture throughout history. May be repeated two times for credit.

Prerequisite: ART 215 with a grade of C or higher.

ART 224 - Contemporary Movements (5)

Development and spread of Modernism since the early 20th century and subsequent movements in the art to the present day. Includes a survey of modernist theory and criticism, issues of gender and multiculturalism, and their effect on art. Includes such movements as Cubism, Abstract Expressionism, and Postmodernism. Previous enrollment in Art 124D recommended. Sequential order preferred.

ART 230 - Glassblowing I (2)

Sequence of courses for the non-major designed to develop fundamental skills to manipulate the hot glass medium. Introduction to the language of the visual arts as it pertains to blown glass. Advanced courses include color application and the use of torches, bits and molds.

ART 231 - Glassblowing II (2)

Sequence of courses for the non-major designed to develop fundamental skills to manipulate the hot glass medium. Introduction to the language of the visual arts as it pertains to blown glass. Advanced courses include color application and the

use of torches, bits and molds.

Prerequisite: ART 230 with a grade of C or higher.

ART 232 - Glassblowing III (2)

Sequence of courses for the non-major designed to develop fundamental skills to manipulate the hot glass medium. Introduction to the language of the visual arts as it pertains to blown glass. Advanced courses include color application and the use of torches, bits and molds. May be repeated two times for credit.

Prerequisite: ART 231 with a grade of C or higher.

ART 240 - Printmaking I (3-5)

Introductory course focused on the development of skills, principles, techniques, methods and language of printmaking. Emphasizes use of the press, inks and basic skills in the entire print process using ecologically safe materials. Develops the techniques of monotype, intaglio, relief, collagraph.

ART 241 - Printmaking II (3-5)

Intermediate course focused on the continued development of skills, principles, techniques and methods of printmaking. Applying the vocabulary of printmaking to the press, inks, paper treatment, and basic skills in the entire print process using ecologically safe materials. Students incorporate color into the monotype, intaglio, relief, and collagraph processes. Continued focus on the development of printmaking skills with emphasis on principles and elements of art as they apply to printmaking.

Prerequisite: ART 240 with a grade of C or higher.

ART 242 - Printmaking III (3-5)

Intermediate course focused on advanced skills, principles, techniques and methods of printmaking. Relating the vocabulary of printmaking to the press, inks, paper treatment, and basic skills in the entire print process using ecologically safe materials. Students create a body of work that incorporates advanced techniques including multiple plate printing and chine colle/collage. Projects develop aesthetic style and attend to the studentsÂ¿ understanding of art making as applicable to printmaking.

Prerequisite: ART 241 with a grade of C or higher.

ART 243 - Printmaking IV (3-5)

Advanced course focused on advanced skills, principles, techniques and methods of printmaking. Relating the vocabulary of printmaking to the press, inks, paper treatment, and basic skills in the entire print process using ecologically safe materials. Final course in the printmaking sequence. Students design projects and create a body of work through research on contemporary and historical print techniques. Emphasis on content development.

Prerequisite: ART 242 with a grade of C or higher.

ART 250 - Art Internship (2-5)

Supervised work experience as an intern. May be with a qualified employer or in a project with a private or public agency. Students must have completed most of the required art coursework and must obtain a recommendation for internship from their instructor. Performance will be evaluated by the college instructor and the internship supervisor. Internship can apply once to AFA degree electives. May be repeated two times for credit.

ART 270 - Ceramics I (5)

First in a sequence of courses in the development of the knowledge and skills needed to create ceramic pieces using the medium as a point of departure for critical thinking and creative problem solving. Techniques of handbuilding and introduction to principles and elements of art as applied to ceramics. Faculty structured projects will develop physical skills and an understanding of technical information, as well as functional and sculptural aesthetics. Ceramic history, science, and design are covered at length.

ART 271 - Ceramics II (5)

Second in a sequence of courses in the development of the knowledge and skills needed to create ceramic forms using the medium as a point of departure for critical thinking and creative problem solving. Focus is on developing skills in the use of the potter's wheel. Principles and elements of design will be stressed, including unity, along with the concepts of accuracy, precision, utility, and functional aesthetics.

Prerequisite: ART 270 with a grade of C or higher.

ART 272 - Ceramics III (5)

Continuation of courses in the development of the knowledge and skills needed to create ceramic forms using the medium as a point of departure for critical thinking and creative problem solving. Explores advanced wheel throwing techniques, integrates wheel throwing and handbuilding techniques in the creation of complex ceramic forms.

Prerequisite: ART 110 or ART 111, AND ART 271, each with a grade of C or higher.

ART 273 - Ceramics IV (5)

Capstone course in the development of knowledge and skills in the creation of ceramic forms using the medium as a point of departure for critical thinking and creative problem solving. Focus on the creation of a series of ceramic forms to be viewed in public display.

Prerequisite: ART 272 with a grade of C or higher.

ART 274 - Ceramics Workshop (3)

Ceramics workshop based on a variety of topical techniques and processes. Examples include alternative firing methods and systems, Majolica, low-fired ceramic processes and sculpture. See current schedule for course topic. May be repeated two times for credit.

Prerequisite: ART 270 with a grade of C or higher.

ART 275 - Glaze Studio Ceramics I (3)

Introduction to the materials and methods used in glaze making for studio ceramics. Students will use the principles of experimental design to become familiar with the materials typically used in studio ceramics and learn to make original utilitarian glazes suitable for mid-range firing in an electric kiln. Glaze application and kiln operation will be discussed.

Prerequisite: ART 270 and ART 271, each with a grade of C or higher.

ART 276 - Ceramic Glaze Chmstry II (3)

Continuing exploration of the materials and methods used in glaze making for studio ceramics. Students will build on the experience from ART 275 and learn to manipulate existing glazes to alter their properties. Students will also learn to formulate glazes for high fire gas kilns and learn to consider the role of kiln atmosphere in studio ceramics. The course will also introduce the properties of standard historical stoneware glazes.

Prerequisite: ART 270, ART 271 and ART 275, each with a grade of C or higher.

ART 277 - Glaze Foundation III: Ceramics (3)

Final course in exploring the materials and methods used in glaze making for studio ceramics. Students will use their accumulated knowledge of glaze materials to extend their palette to include non-traditional and non-utilitarian ceramic surfaces. The class will introduce sculptural glazes, textural surfaces and crystalline glazes for mid-range electric and high fire gas kilns. Students will also explore studio economics and design an hypothetical studio to suit their working process and proposed body of work.

Prerequisite: ART 276 with a grade of C or higher.

ART 294 - Portfolio Development (5)

Advanced course focused on developing a portfolio of work with faculty guidance emphasizing personal exploration, studio research of contemporary and traditional themes, issues, media, skills and techniques, and presentation in 2D studio art. Media may be combined. StudentÂ¿s choice of media. Previous experience in the primary medium of choice required.

ART 295 - Professional Practices (5)

Advanced course required for students nearing the completion of their Associate of Fine Arts degree in art, graphic design or photography or nearing completion of an Associate of Technical Arts in Interactive Web Design. Professional practices include portfolio design, development and editing. Focuses on self-assessment, development of personal style (or 'personal presentation') and resume preparation.

ART 297 - Gallery and Exhibit Technique (2)

Instruction and practical experience in all aspects of the design and installation of exhibitions. Content includes curating, installation and de-installation of artwork, graphic design for posters and publications. Graphic design experience is preferred (GRAPH 110). Weekly time commitment includes two hours of classroom instruction and three hours of hands-on gallery supervision each week. May be repeated three times for credit. Limit 5 students.

ART 299 - Special Projects In Art (1-3)

ART-Art-CCN

ART& 100 - Art Appreciation (5)

Introductory course in exploration of the language, processes and role of art in many media. Study of critical methods for understanding, analyzing and interpreting imagery. Art history and cultural art. Gallery and museum visit.

ART H - Art History

ART H 124 - Understanding World Art (5)

Introduction to artwork from various under-represented world cultures in a wide range of media for the student with little experience in the visual arts. Traditional and contemporary approaches to creating artwork as practiced globally and historically combined with the study of visual language and culture in the medium, theme, subject or culture represented. Course includes all forms of visual expression, the process of artistic creation and thought, and the role of visual culture in society and history. Discussion and studies in forms of representation as examples of culturally based perceptions of time, space, self, identity, community and otherness.

ART H 220 - Western Art History: Anct/Medv (5)

Survey of art from ancient foundations to the 14 th century in Europe. Topics and issues of art history as relevant to the formation of styles, methods of construction, and the role of the artist in early civilization. Includes study of the cultures of Egypt, Ancient Greece, Rome, and Early Christian. Introduction to the analysis of imagery and the methods and practice of art history. Recommend previous enrollment in Art 124D. Sequential order preferred.

ART H 221 - Westrn Art Hist: 15th-18th Cty (5)

Survey of dominant styles and movements of art in Europe and America from the 15th to the 18th centuries. Social, religious, political and philosophical changes and their connection with the role and creations of the artist. Includes Renaissance and Baroque periods. Analysis of imagery and practice of historical research. Recommend previous enrollment in ART 124. Sequential order preferred.

ART H 224 - Modern and Contemporary Art (5)

Development and spread of Modernism since the early 20th century and subsequent movements in the art to the present day. Includes a survey of modernist theory and criticism, issues of gender and multiculturalism, and their effect on art. Includes such

movements as Cubism, Abstract Expressionism, and Postmodernism. Previous enrollment in ART H 124 recommended.

ART H 226 - Art and Social Justice (5)

Survey of the intersection of art, civic engagement, and social justice in post-1960's America. Examination of and reflection on how artists have responded to and engaged with pressing societal issues. Themes may include Identity and Representation, Activism through Art, Community Engagement, Art as Resistance, Technology and New Media, and Ethics in the Artist Practice. May include art making, as well as written reflection. No prior art making experience needed.

ART H 228 - World of Anime & Manga (5)

Introduction to the history, culture, and creators who developed anime manga: Japanese animation and comics. Examines the reciprocal influences between Japanese and Western artists to understand how anime and manga have become transnational mediums. Introduces key creators of the 20th century and examines influences on their work, as well as how these works influence contemporary visual art. Engages with critical themes, including an analysis of ethnocentric reactions, stereotyping, prejudice, discrimination, and gender bias, as seen in works of anime manga, and experienced by creators working the industry.

ASL-American-Sign-Language-CCN

ASL& 121 - American Sign Language I (5)

Beginning sequence of three courses in American Sign Language (ASL), a visual and gestural language used by Deaf people. These courses are intended to introduce students to the grammar and vocabulary of ASL while focusing on beginning conversational skills. Introduction to the history and culture of those who identify themselves as Deaf. The focus of each of these courses is ASL, its constructions, use and value to the Deaf community. These courses will encourage small and large group activities with exposure to Deaf culture.

ASL& 122 - American Sign Language II (5)

Second course of beginning sequence in American Sign Language (ASL), a visual and gestural language used by Deaf people. These courses are intended to introduce students to the grammar and vocabulary of ASL while focusing on beginning conversational skills. Introduction to the history and culture of those who identify themselves as Deaf. The focus of each of these courses is ASL, and its construction, use and value to the Deaf community. These courses will encourage small and large group activities with exposure to Deaf culture.

Prerequisite: ASL& 121 with a grade of C or higher.

ASL& 123 - American Sign Language III (5)

Third course of beginning sequence in American Sign Language (ASL), a visual and gestural language used by Deaf people. These courses are intended to introduce students to the grammar and vocabulary of ASL which focusing on beginning conversational skills. Introduction to the history and culture of those who identify themselves as Deaf. The focus of each of these courses is ASL, and its construction, use and value to the Deaf community. These courses will encourage small and large group activities with exposure to Deaf culture.

Prerequisite: ASL& 122 with a grade of C or higher.

ASL& 221 - American Sign Language IV (5)

Continuation of ASL 121, 122, 123. Sequence of three courses at the intermediate level focusing on developing ASL fluency. Focus on the ability to narrate events that occurred in the past, make suggestions and requests, talk about life events, describe weekend activities, ask about nationality and family names and narrate family immigration history.

Prerequisite: ASL& 123 with a grade of C or higher.

ASL& 222 - American Sign Language V (5)

Continuation of ASL 121, 122, 123. Second course in sequence at the intermediate level focusing on developing ASL fluency. Focus on the ability to narrate events that occurred in the past, make suggestions and requests, talk about life events, describe weekend activities, ask about nationality and family names and narrate family immigration history.

Prerequisite: ASL& 221 with a grade of C or higher.

ASL& 223 - American Sign Language VI (5)

Continuation of ASL 121, 122, 123. Third course in sequence at the intermediate level focusing on developing ASL fluency. Focus on the ability to narrate events that occurred in the past, make suggestions and requests, talk about life events, describe weekend activities, ask about nationality and family names and narrate family immigration history.

Prerequisite: ASL& 222 with a grade of C or higher.

ASTR - Astronomy

ASTR 122 - Life in the Universe (5)

Investigates the astronomical and biological conditions necessary for the evolution of life in the universe. Topics covered will be basic concepts in astronomy and cosmology, evolution of life on Earth, the conditions necessary for the evolution of life, other locations where life may have evolved in the solar system and the search for intelligent life in the universe.

Prerequisite: Eligibility for ENGL& 101 and eligibility for MATH 96.

ASTR-Astronomy-CCN

ASTR& 100 - Survey of Astronomy (5)

General survey of astronomy including the nature of planets, stars and galaxies. The origin and evolution of the solar system and universe.

Prerequisite: Eligibility for MATH 86.

ASTR& 101 - Introduction to Astronomy (5)

Integrated laboratory/lecture course emphasizing observational techniques, the history and evolution of astronomical concepts, and the origin and composition of the solar system. Lecture, video, and slide demonstrations, plus hands-on laboratory sessions and evening field observing sessions.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

ASTR& 115 - Stars, Galaxies and Cosmos (5)

Introduction to the current state of research into the structure, origin, and evolution of the universe. Topics include stellar evolution, galactic structure and formation, cosmic distances, black holes, quasars, and cosmological theories. Laboratory projects emphasize photographic and spectrographic analysis of stars and galaxies.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH& 141.

ATM S - Atmospheric Science

ATM S 101 - Weather (5)

Earth's atmosphere, with emphasis on weather observations and forecasting. Use of meteorological instruments and weather maps. Highs, lows, fronts, clouds, storms, jet streams, air pollution, and other features of the atmosphere. The physical processes that govern weather-related phenomena. Regional climate of the world and global climatic prediction and change.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

AVIO - Avionics

AVIO 101 - Electrical Fundamentals (8)

Fundamentals, troubleshooting, and experiments of aircraft electrical circuits; safety practices; electrostatic devices; metric notation; voltage, current, resistors and measurements, switches, fuses, and circuit breakers; tools for troubleshooting, including multimeters and oscilloscopes; magnetism and electromagnetic principles and calculations; relays and meters; Ohm's and Kirchhoff's Laws; circuits; electrical generators, inductors, filters, and capacitors; resistance and reactance; transformers; motors.

Prerequisite: Eligibility for MATH 96 and eligibility for ENGL&101 OR holds the FAA Airframe or FAA Powerplant OR eligibility for AMT& 200 level courses.

AVIO 102 - Electronic Fundamentals (8)

Fundamentals, troubleshooting, and experiments with fundamental aircraft electronics; diodes; power supplies; rectifiers; voltage regulators; transistors; amplifiers; oscillators and multivibrator circuits; latches.

AVIO 103 - Aircraft Wiring Systems (2)

Fundamentals and repair of aircraft wiring and fiber optics, including acceptable standards for visual, electrical, and mechanical quality.

AVIO 106 - Basic Troubleshooting (2)

Basic troubleshooting of aircraft wiring including using continuity and voltage readings. Introduction to TDR and Meggar as basic troubleshooting tools.

AVIO 201 - Aircraft Basic/Electronic Inst (8)

Troubleshooting and repairing aircraft instrument systems. Course includes aircraft flight instrument systems; pitot/static instruments; aircraft master warning and annunciator system, computer math, digital logic functions and flip-flops; introduction to register memory and arithmetic counting circuits; analog and digital conversions circuits; introduction to microprocessors; introduction to signal processing-multiplexing; synchro systems, differential transformers; and databus communications.

Prerequisite: AVIO 102 with a grade of C or higher.

AVIO 202 - Avionics Systems for A&P (8)

Fundamentals of aircraft avionics systems for airframe and powerplant, including power distribution systems, air/ground and proximity sensors, communication systems, navigation systems, avoidance and detection systems including ADSB, radar and powerplant systems. Aircraft wiring and routing inspections, and installations.

AVIO 203 - Avionics Communications (2)

Introduction to the industry recognized avionics licenses; FCC General Radiotelephone Operator License (GROL) and NCATT Aircraft Electronics Technician (AET). Preparation for the FCC GROL License and/or the NCATT AET License. This includes possible endorsements for the licenses.

Prerequisite: AVIO 102 with a grade of C or higher.

AVIO 204 - Adv Avionics Troubleshooting (2)

Fundamentals, troubleshooting, and repair of aircraft avionics systems, including logical approach using a four step troubleshooting method. Understanding the different aircraft maintenance manuals used in aviation and proper documentation.

Prerequisite: AVIO 103 and AVIO 106, each with a grade of C or higher.

BIOL - Biology

BIOL 105 - Disease In Modern Society (5)

General concepts of infectious disease, the process of science, and application of biology to human beings and society. For non-science majors.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

BIOL 107 - Life Sci for Everybody (5)

Hands-on exploration of how living things interact with each other and their environment to obtain energy and building blocks for growth. For non-science majors. Highly recommended for elementary education majors.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

BIOL 111 - Majors Cellular Prob Session (1)

Problem session to accompany BIOL 211. In-depth analysis of concepts and course content, lab report preparation. Non-transferable.

BIOL 121 - Majors Ecology/Evolution PS (1)

Problem session to accompany BIOL 221. In-depth analysis of concepts and course content, lab report preparation. Non-transferable.

BIOL 122 - Majors Cell/Molecular PS (1)

Problem session to accompany BIOL 221. In-depth analysis of concepts and course content, lab report preparation. Non-transferable

BIOL 123 - Majors Organismal Phys PS (1)

Problem session to accompany BIOL 223. In-depth analysis of concepts and course content. Non-transferable.

BIOL 130 - Marine Biology Pacific NW (5)

Life processes of marine organisms and their ecological interactions. Introduction to the scientific method, oceanographic drivers, marine ecology, the identification, interactions, behavior and life histories of marine organisms with field trip(s) and an emphasis on intertidal marine organisms found in the varied shore communities of the Salish Sea. Using the Salish Sea as a focus, coursework may include an overview of the world's oceans with human impact, uses, and conservation efforts examined.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

BIOL 142 - Topics In Ecology (2)

Readings and discussion of selected current topics in ecology. Suitable for students with no biology background as well as for science majors.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

BIOL 183 - New History of Life (5)

Presents a new view of how life began and diversified on Planet Earth informed by recent discoveries that, when integrated, provide a surprising and seemingly novel view of what has long been treated as a reasonably well-known saga Â¿ the origin of life on Earth and its subsequent evolution. Explores the fields of Geology, Biology, Chemistry, and Astrobiology. Intended for majors and non-majors.

BIOL 190 - Natural History Field Studies (1-5)

Various field studies. Hours to be arranged. May be repeated two times for credit.

BIOL 199 - Special Projects (1-5)

Independent study projects on selected topics in the biological sciences. Credit to be arranged with supervising instructor. May be repeated two times for credit.

BIOL 201 - Intro to Public Health (5)

An overview of the field of public health and the various strategies that are used to assure health at a population level. Frameworks and tools for developing effective health interventions. Specific topic areas relevant to population health will be explored, such as social determinants of health, social and behavioral risk factors, non-communicable and communicable disease, and environmental health. Discussion of methods for translating health needs into policies and systems that benefit the public. Addresses contemporary controversies and ethical considerations in public health practice.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

BIOL 299 - Special Projects (1-5)

BIOL-Biology-CCN

BIOL& 100 - Survey of Biology (5)

General concepts of living organisms, the process of science, and application of biology to human beings and society. For non-science majors.

Prerequisite: Eligibility for ENGL& 101 and eligibility for MATH 96.

BIOL& 211 - Majors Cellular (5)

Principles of cellular biology as they apply to organisms. Prerequisite to BIOL 231, BIOL 232 and BIOL 260.

Prerequisite: Eligibility for ENGL& 101, AND CHEM& 121, OR CHEM& 161 and CHEM& 162, each with a grade of C or higher.

BIOL& 212 - Majors Animal (5)

Structure, function, evolution and classification of animals. Laboratory emphasizes representative dissections.

BIOL& 221 - Majors Ecology/Evolution (6)

Mendelian genetics, evolution, biodiversity of life forms, and ecology. First course of three-quarter series. For students intending to major in the sciences.

Prerequisite: CHEM& 161 (or concurrent enrollment) or equivalent, with a grade of C (2.0) or higher. All prerequisites must be taken within the last five years, OR instructor permission.

BIOL& 222 - Majors Cell/Molecular (6)

For students intending to major in the sciences. Metabolism and energetics, structure and function of biomolecules, cell structure and function, current applications of biotechnology and molecular biology. Second course of three-quarter series.

Prerequisite: BIOL& 221 with a grade of C (2.0) or higher and CHEM& 162 (or concurrent enrollment) with a grade of C (2.0) or higher. All prerequisites must be taken within the last five years, or instructor permission.

BIOL& 223 - Majors Organismal Physiology (6)

For students intending to major in the sciences. Animal development and physiology, plant development and physiology, including photosynthesis. Final course of three-quarter series.

Prerequisite: BIOL& 222 with a grade of C (2.0) or higher and CHEM& 163 (or concurrent enrollment) with a grade of C or higher.

BIOL& 231 - Human Anatomy (5)

Detailed examination of the structure of the human body using human models, human skeletons, microscopic slides, digital photographs and animations, fresh animal specimen dissection, and dissection of the preserved cat. For allied health professional majors.

Prerequisite: Completion of BIOL& 211, or BIOL& 221 AND BIOL& 222, each with a grade of C or higher; AND CHEM& 121 or CHEM&161 AND 162, each with a grade of C or higher.

BIOL& 232 - Human Physiology (5)

Detailed study of the functioning, integration and interrelationships of the following organ systems of the human body using lecture and lab exercises: neurologic (including autonomic and special senses), muscular, endocrine, cardiac, circulatory, renal, reproductive (including pregnancy, development, growth and senescence), immune, hematologic, respiratory.

Prerequisite: BIOL& 211 and 231, or BIOL& 221 and 222 and 223; and CHEM& 121, or CHEM& 161 and CHEM&162, all with a grade of C or higher. All prerequisites must be taken within the last five years, or instructor permission.

BIOL& 241 - Transferred-In Course (5)
BIOL& 242 - Transferred-In Course (5)
BIOL& 260 - Microbiology (5)

Survey of microorganisms and their biological activities, with special emphasis on bacteria.

Prerequisite: BIOL& 211 and BIOL& 232; or BIOL& 222 and BIOL& 223; all with a grade of C or higher. All prerequisites must be taken within the last five years, or instructor permission.

BOT - Botany

BOT 113 - Plants of the Pacific NW (5)

Introduction to classification and identification of ferns, conifers and flowering plants, with an emphasis on flora of the Pacific Northwest. Includes principles of naming and classification, plant reproduction, ecological interaction, and human use of plants.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

BOT 115 - Global Ethnobotany (5)

Botanical and cultural aspects of interactions between plants and people from around the world.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

BT - Business Technology

BT 100 - Beginning Keyboarding (5)

Introduces key-by-touch system emphasizing correct ergonomics. Development of speed and accuracy. Includes techniques for editing, saving, opening and closing documents and application of skills to personal letters and reports.

BT 103 - Grammar and Punctuation (2)

Self-paced review of grammar and punctuation in a computer-mediated lab setting. Focuses on recognizing the parts of speech in the context of sentences. Emphasis is on improving basic writing skills with practice writing both sentences and paragraphs.

BT 105 - Basic Keyboarding Skills (3)

Develop keyboard touch control, promote proper typing techniques, improve speed and accuracy, and offer focused practice. To demonstrate proficiency, students must achieve a typing speed of 30 words per minute for 3 minutes with no more than 3

errors. May be repeated one time for credit.

BT 107 - Dragon Dictation (3)

Use speech recognition technology to recognize the human voice. Increase dictation speed and accuracy and apply to email, web browsers and word processing. With advisor permission, may be a substitute class for BT 105.

BT 128 - Medical Coding for Non-Coders (5)

Introduction to the common coding classification systems used in healthcare. Examines the impact and relationship between medical coding and reimbursement. This course is not intended for students in the Medical Coding Certificate or Medical Billing and Coding ATA programs.

BT 180 - Principles of Med Insurance (5)

Introduction of the medical billing cycle. Explanation of private and government health insurance policies, analysis of insurance forms, and recognition of legal issues and medical confidentiality (HIPAA). Introduction to patient authorization, consent, patient ledger, and claim forms. Use a practice management system to register patients, bill insurance, and monitor payments through the patient ledger.

BT 181 - Law/Ethics Health Occupa (5)

Introduction to law and ethics as it relates to the medical office setting and patient-provider relationships. Emphasizes being inclusive instead of exclusive while exploring components of social justice and cultural diversity in the ambulatory health care setting. Topics include bioethics, professional liability, public duties, informed consent, employment practices, allocation of scarce medical resources, genetic engineering, and choices in life and death.

BT 182 - Medical Reception (5)

Preparation to perform medical front office duties including being HIPAA compliant, scheduling appointments, communicating with patients with various abilities and with healthcare professionals, monitoring release of patient information, recognizing safety hazards, and creating welcoming office environments.

Prerequisite: Completion of CL 101.

BT 187 - Electronic Health Records (5)

Exploration of how health information is captured, used, and stored in different formats. Analysis of workflow, record types, and regulatory standards.

Prerequisite: MC120 and BT 182.

BT 199 - Special Project In Bt (1-5)
BT 219 - Intro to MS Word (5)

Introduces word processing functions and applications using Microsoft Word. Covers creating, revising, formatting, saving and retrieving documents; file management; merge; selecting typefaces; creating and centering tables; using pagination; selecting text; formatting footnotes; finding and replacing text and formats; and using multiple windows. Includes required on-site certification exam. CL 101 recommended as a prerequisite.

BT 242 - Excel (5)

Presents intermediate/advanced techniques in Microsoft Excel. Emphasis on creating professional-looking workbooks, using templates, creating multiple worksheets and using functions. Includes required on-site certification exam.

Prerequisite: Completion of CL 101.

BT 243 - Advanced Excel (5)

Continuation of BT 242 Excel. Project-based approach with emphasis on data analytics, dashboards, and the production of

more informative reports; maintain and enhance existing spreadsheets; create new workbooks using best business practices and advanced Excel techniques; and develop and refine business analysis skills using advanced Excel features. Includes required on-site certification exam.

Prerequisite: Completion of BT 242 with a C or higher.

BT 261 - Adv Office Procedures (5)

Build and refine skills in office management, travel arrangements, human relations, telephone techniques, electronic scheduling, and keyboarding. Students use integrated software to create databases, spreadsheets, word processing documents, presentation graphics projects, and calendar scheduling with emphasis on analytical thinking.

Prerequisite: CL 110, BT 115, BT 219, BT 240, BT 242, BUS 104, BUS 110, BUS 130, all with a C or higher, AND instructor permission.

BT 299 - Special Project In Bt (1-5)

Special Project in BT

BUS - Business

BUS 104 - Business English (5)

Focuses on standards and conventions of written English. Review of abbreviations, capitalization, grammar, numbers, compounds and hyphenations, possessives, punctuation, spelling, and word confusions. Includes proofreading and editing.

Prerequisite: Eligibility for ENGL 097 or equivalent.

BUS 105 - Small Business Essentials (5)

Study of small business with an emphasis on using systems thinking to identify and successfully pursue business opportunities. Topics include identifying a viable business opportunity, using business planning tools, preparing a marketing plan, and understanding the functions of management, operations and financial planning. Major business functions and the business lifecycle will be explored.

BUS 110 - Business Communications (5)

Study of business communication principles within the global workplace. Includes effectively presenting good, neutral, and bad news, direct and persuasive requests, short reports, and spoken presentations to diverse audiences. Also includes listening skills and interpreting nonverbal communication within varying cultures.

Prerequisite: Eligibility for ENGL 98.

BUS 121 - Banquet & Conference Ops (3)

Banquet and conference operations featuring how to turn banquet event orders into serviceable events with proper room set-up, inter-departmental communication, service etiquette, and post-event breakdown.

Prerequisite: Eligibility for ENGL 97 and eligibility for MATH 76.

BUS 122 - Event Planning Ops (5)

Foundation concepts of the event planning industry: creating experiential moments, out-sourcing and teamwork, selecting venues, utilizing technology, exploring career pathways, and using basic budgeting skills specific to account receivables and payables.

Prerequisite: Eligibility for ENGL 97 and eligibility for MATH 76.

BUS 123 - Menu Design (3)

Overview of menu design and creation including food and beverage choices, recipes, cost and budget analysis, profit, up-selling, marketing, and purchasing.

Prerequisite: Eligibility for ENGL 97 and eligibility for MATH 76.

BUS 124 - Food & Beverage Ops (5)

Introduction to food and beverage operations in service outlets. Prepares students to earn appropriate state-mandated certifications for working in fodd and beverage establishments while learning best practices for industry employment and future success.

Prerequisite: Eligibility for ENGL 97 and eligibility for MATH 76.

BUS 130 - Business Computations (5)

Apply mathematical concepts using numerical data to complete business applications. Concepts covered include basic math operations, decimals, fractions, percent, percent increase/decrease, bank reconciliation, payroll, taxes and insurance, discounts, markup/markdown, interest, mortgages, and financial statements.

Prerequisite: Eligibility for MATH 76 or equivalent.

BUS 131 - Intro to Mobile App Dev (5)

Covers the fundamentals of mobile app development for the iOS platform. Provides hands-on experience for beginning programmers to learn the basics of mobile app programming using the Swift language for iOS. Includes standard development tools and resources, an introduction to the Swift language, and the Xcode integrated development environment.

BUS 135 - Introduction to Data Analytics (3)

Introduction to data analytics for a business environment. Quantitative and statistical techniques that can be applied to a wide range of business situations.

BUS 150 - Principles of Marketing (5)

Introductory study of marketing concepts viewed from a managerial approach related to the American Marketing Association (AMA). Focuses on marketing as an organizational function and set of processes for creating, capturing, communicating, delivering, and exchanging offerings that have value for customers, clients, partners, and society at large. Students engage in planning activities related to developing a marketing plan, which demonstrates understanding of the marketplace and establishes consumer needs and wants with an emphasis on ethical business practices.

BUS 154 - Human Resources/Supervision (5)

Explores the critical elements of human engagement to meet the mission of a business and the critical role of the supervisor in business and employee success. Areas of emphasis include workforce planning, motivation, leadership, empowerment, authority, employee discipline, communication, and training. Key aspects of human resources management relating to compensation, benefits, occupational safety, health, and security in the context of business success.

Prerequisite: Completion of CL 101.

BUS 156 - Sales Fundamentals (3)

Sales Fundamentals provides students with a foundation of principles in selling for business to business (B2B) and business to consumer (B2C). Students discover the art of and dynamic activity required for establishing customer lifetime value through an emphasis on relationship cultivation. This course introduces key components to the selling process as related to marketing principles. The ingredients of AIDA (Attention, Interest, Desire, Action) and marketing mix, including emphasis on sales promotion, are contextualized through role play exercises. Technology and CRM platforms (Customer Relationship Management) will be introduced as critical tools for greater efficiency in sales outcomes. The course also introduces students to

personal selling and communication skills that help to engage any audience whether a prospective customer or a prospective employer.

BUS 165 - Found of Leadership & Service (5)

Developing employment documents, understanding the functions of customer service, and developing leadership and managerial skills. Topics centered around the challenges of building a strong customer service culture while developing a loyal workforce. Service culture, service recovery, cultural values, leadership styles, motivation strategies, human resource management, and labor issues are examined.

BUS 190 - Business Seminar (1-5)

Seminar covers various subjects in the areas of management, marketing, and operations. Seminar topics will be current issues/events in these fields that are in the published curriculum. Small group discussion and hands-on application are emphasized in this learner-centered course. May be repeated three times for credit.

BUS 199 - Special Projects (1-3)
BUS 200 - Principles of Management (5)

Introduction to basic principles of good business management and the role that managers play within the American business system. The basic management functions of planning, organizing, leading, and controlling are discussed with a focus on ethical behavior by managers and their organizations. Contemporary and classical approaches to management will be contrasted along with an emphasis on effective communication, goal setting, hiring practices, and motivating employees.

BUS 230 - Introduction to Hospitality (5)

Introduce the structure and operations of the three key sectors in the hospitality industry (food and beverage, event planning, and airline operations), the economic impact of the industry, and career options in hospitality.

BUS 261 - Integrated Business Projects (5)

Build and refine skills in office management, human relations, and marketing. Students use software to create spreadsheets, word processing documents, and presentation graphics for business projects with emphasis on analytical thinking.

Prerequisite: Completion of ACCT 110 or ACCT& 201, and BT 242, BUS 110, BUS 130, and BUS 150, all with a C or higher.

BUS 295 - Business Internship (1-5)

Provides students with a supervised work environment to apply their management, marketing and operations knowledge in either a for-profit or non-profit organization to foster professional growth and to gain self-confidence directly associated with certification and/or the degree focus of individual students.

BUS 299 - Special Project In Bt (1-5)
BUS 350 - Business Research (5)

Exploration of research and usage of information, abilities, and capacities of business research, theory, and practice. Hypothetical and applied systems to clarify the advancement of the examination of thought, writing, and creating theories with exploration of ethics in business. Focus on accounting and business research that will prepare students for advanced courses.

Prerequisite: Completion of ENGL& 235 with a C or higher.

BUS-Business-CCN

BUS& 101 - Intro to Business (5)

An introduction to the American business system. Explores the world of business today within the context of our global and Internet-influenced economy. Topics covered include ethical and social responsibility, management, business finance, managing human resources, entrepreneurship, marketing, and other areas of general business.

BUS& 201 - Business Law (5)

Origin, evolution, concepts, structure, and functions of law and judicial system. Includes contracts, agency, torts, Uniform Commercial Code, employment law, property and landlord tenant law, trusts and estates, and constitutional law, forms of business organization, consumer legislation, and crime. Emphasis is on gaining a practical understanding of rights and obligations arising from entering into contracts. Required law course for business students intending to transfer to universities in the state of Washington.

Prerequisite: Eligibility for ENG& 101.

CHD - Cosmetology Hair Design

CHD 110 - Trichology (2)

Introduction to the study of hair's function, structure, and characteristics. Signs and symptoms of hair conditions, diseases, and disorders. Special emphasis on disinfection and sanitation procedures and determining whether the hair service can be provided.

Prerequisite: Eligibility for ENGL 98.

CHD 120 - Hair Design Compendium (3)

Designed for fifth quarter students preparing for the Washington State Hair Design Written Licensure Exam. Provides theoretical review of facts from previous Hair Design courses in preparation for in-house computerized exams before applying for WA State Board examination.

Prerequisite: COSMT 218 and 1200 clock hours.

CHD 201 - Hair Design Basic Skills (12-14)

Instruction/participation class in basic services performed by a cosmetologist. This lecture/lab class is closely supervised in the introduction and practice of shampooing/draping, hair analysis/scalp and hair treatment, haircutting, wet styling, thermal styling, permanent waving, chemical relaxing, hair coloring/lightening, resume writing, safety measures and decontamination control. Students practice on mannequins, models and each other. Emphasis is placed on quality of work and knowledge of procedures, safety and decontamination control.

CHD 202 - Hair Design Adv Color Lab (9-15)

Students will continue to practice salon services on the EvCC Salon floor under the supervision of a licensed cosmetology instructor. During this class students will learn about and practice the most current and advanced color techniques in the industry including foiling, bleach and tone, balayage and corrective color. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis placed on safety and quality of work while meeting industry target time.

CHD 203 - Men's Haircutting/Beard Lab (3)

Students will continue to practice salon services on the EvCC salon floor under the supervision of a licensed cosmetology instructor. During this class, students will learn about and practice the most current and advanced menÂ¿s haircuts, styles and beard designs. Students will learn how to use appropriate barbering tools to achieve the look. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis placed on safety and quality of work while meeting industry target time.

CHD 204 - Adv Haircutting/Design Lab (9-15)

Students will continue to practice salon services on the EvCC Salon floor under the supervision of a licensed cosmetology instructor. During this class students will learn about and practice advanced haircutting and styling techniques requested in the salon today. Shears, razors and texturizing shears will be used to accomplish the look. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis placed on safety and quality of work while meeting industry target time.

CHD 205 - Textured Hair Design Lab (9-15)

Students will continue to practice salon services on the EvCC Salon floor under the supervision of a licensed cosmetology instructor. During this class students will learn about and practice the most current and advanced textured hair services requested in the salon. The class will also review how to select the appropriate product used for natural hair styling and as a follow up to chemical textured services. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis is placed on safety and quality of work, while meeting industry target time.

CHD 211 - Hair Design Basic Skills (10-20)

Introduction to and practice of shampooing/draping, hair and scalp analysis, hair and scalp treatment, haircutting, protective styles, wet and thermal styling, permanent waving, chemical relaxing, hair coloring/lightening, building of a professional portfolio, and safety measures and decontamination control. Students practice on manikins, models, and each other. Emphasis is placed on quality of work and knowledge of procedures, safety and decontamination control.

Prerequisite: Eligibility for ENGL 98.

CHEM - Chemistry

CHEM 199 - Special Projects (1-5)
CHEM 299 - Special Projects (1-3)

CHEM-Chemistry-CCN

CHEM& 110 - Chemical Concepts W/Lab (5)

Introductory lab science course for non-science majors. Topics vary from quarter to quarter.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

CHEM& 121 - Introduction to Chemistry (5)

Atomic and molecular structure, chemical bonding, nomenclature, states of matter, solutions, acids and bases, stoichiometry, quantitative and qualitative behavior of gases, dimensional analysis, reaction rates and chemical equilibrium. For students majoring in liberal arts, nursing, radiation technology, pre-occupation therapy, and dental hygiene. Not recommended for students planning to continue beyond CHEM& 131; see Chemistry series.

Prerequisite: Eligibility for ENGL& 101 and eligibility for MATH 96.

CHEM& 131 - Intro to Organic/Biochem (5)

Structure, nomenclature, and reactions of organic compounds, introduction to biochemistry.

Prerequisite: CHEM& 121 or CHEM& 161 with a grade of C (2.0) or higher, AND eligibility for ENGL& 101.

CHEM& 140 - General Chem Prep W/Lab (5)

Includes measurements, properties and structure of matter, nomenclature, and weight relations. Intended for students who want to obtain the chemistry background needed for the CHEM 161 - 163 series. Not intended for students with a recent course in high school chemistry. This course does not meet the prerequisites for the nursing program.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

CHEM& 161 - General Chemistry I with Lab (5.5)

Properties of matter, atomic theory, atomic structure, periodicity, bonding models (Ionic, Covalent, VSEPR, Hybridization), nomenclature, molecular shapes, intermolecular forces, reactions and stoichiometry. For pre-medicine, pre-dentistry, pre-veterinary medicine, pre-pharmacy, and all engineering and science majors.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH& 141. One of the following: CHEM& 140 with a grade of C or higher, or one year of high school chemistry with a C or higher within the last one year, or MATH& 152 with a B+ or higher.

CHEM& 162 - General Chemistry II with Lab (5.5)

Aqueous reaction (precipitation, acid-base, redox), stoichiometry, thermochemistry, thermodynamics, ideal gases, properties of liquids, solids, and solutions. For pre-medicine, pre-dentistry, pre-veterinary medicine, pre-pharmacy, and all engineering and science majors.

Prerequisite: CHEM& 161 with a grade of C or higher.

CHEM& 163 - General Chemistry III with Lab (5.5)

Equilibrium, Acid/Base equilibrium, solubility equilibrium, buffers, electrochemistry, kinetics, nuclear chemistry, For pre-medicine, pre-dentistry, pre-veterinary medicine, pre-pharmacy, and all engineering and science majors.

Prerequisite: CHEM& 162 with a grade of C or higher.

CHEM& 261 - Organic Chem W/Lab I (6)

Chemistry of carbon compounds, with emphasis on structure, nomenclature, reactions, mechanisms, and synthesis of main types of organic compounds.

Prerequisite: Eligibility for ENGL& 101 and CHEM& 163 with grade of C or higher, or CHEM& 162 with instructor permission.

CHEM& 262 - Organic Chemistry II with Lab (6)

Chemistry of carbon compounds, with emphasis on structure, nomenclature, reactions, mechanisms, and synthesis of main types of organic compounds. Continuation of CHEM 261.

Prerequisite: CHEM& 261 with grade of C or higher.

CHEM& 263 - Organic Chemistry III with Lab (6)

Chemistry of carbon compounds, with emphasis on structure, nomenclature, reactions, mechanisms, and synthesis of main types of organic compounds. Continuation of CHEM 262.

Prerequisite: CHEM& 262 with grade of C or higher.

CHIN - Chinese

CHIN 299 - Independent Study (1-5)

CHIN-Chinese-CCN

CHIN& 121 - Chinese I (5)

Beginning sequence of courses to practice functional elements of Chinese pronunciation, grammar and culture in the context of practical conversational Chinese. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

CHIN& 122 - Chinese II (5)

Beginning sequence of courses to practice functional elements of Chinese pronunciation, grammar and culture in the context of practical conversational Chinese. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: CHIN& 121 with a grade of C or higher, or placement test.

CHIN& 123 - Chinese III (5)

Beginning sequence of courses to practice functional elements of Chinese pronunciation, grammar and culture in the context of practical conversational Chinese. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: CHIN& 122 with a grade of C or higher, or placement test.

CJ - Criminal Justice

CJ 102 - Police Patrol Operations (5)

Study of patrol procedures: preparation, communication, observation, field interviews, responses to crime in progress, identification and description of persons and property, vehicle stops, control of suspects, methods of patrol, duty to public services, and emergency tactics. Practical field exercises give students the opportunity to practice safety techniques as they are learned.

CJ 103 - Criminal Investigation (5)

Investigative techniques, criminal procedure, crime scene management and the laws that govern investigations.

CJ 107 - Criminal Evidence (3)

Identification of various kinds of evidence and the rules governing the admissibility of evidence in court. Case law, practical handling procedures, and other evidence related techniques are presented.

CJ 108 - Arrest/Search/Seizure (3)

Constitutional restrictions and statutory limitations on governmental powers of arrest, search and seizure, particularly as they relate to Washington State.

CJ 114 - Intro to Crisis Intervn (5)

Introduction to the psychology of victims, effective crisis intervention strategies, and the legal aspects of intervention. Introduction to de-escalation methods, defusing techniques, active listening, and the importance of negotiation. Students will apply these skills and receive appropriate instructor review and critique during role-playing scenarios.

CJ 115 - Inequities In Criminal Justice (5)

Examines crime and the criminal justice system through the lensof race, class, and gender as those who are marginalized move throughthe criminal justice system; the laws and law enforcement practicesthat question equality within the criminal justice system; and historicinjustices regarding the application of laws used to suppress andcontrol those underrepresented in society.

CJ 125 - Forensic Photo & Imaging (3)

Crime scene and evidence photography utilized by law enforcement personnel. Examines the current methods of obtaining accurate and reliable photo evidence necessary for prosecution of criminal cases. Explores state and federal legalities, 35 mm vs. digital photos, analog and digital video, crime scene photography and documentation, court room presentation of photo and video evidence, tracking devices, mini-cameras and surveillance techniques.

Prerequisite: CJ& 101 or concurrent enrollment.

CJ 150 - Intro to Natural Res Law Enf (3)

History and philosophy of natural resources law enforcement and management practices, and is a general overview of resource protection and conservation laws. Professional career opportunities are surveyed and entrance requirements for jobs in fish and wildlife, forestry, parks, environmental protection and land management are examined.

CJ 175 - Intro to Homeland Security (5)

Overview of the issues affecting Homeland Security risk, threat, and vulnerability assessments. The roles of emergency response agencies; identifying critical infrastructure. The role of government to prevent, prepare for, respond to, and recover from acts of terrorism in the United States and throughout the world.

Prerequisite: Eligibility for ENGL& 101.

CJ 176 - Homeland Security II (5)

Advanced study of homeland security to include critical infrastructure identification, prioritization, and assessment, advanced incident command systems, and weapons of mass destruction prevention through intelligence collection and analysis. Students successfully completing class will receive credit for ICS 300 and ICS 400 certification.

Prerequisite: Eligibility for ENGL& 101.

CJ 199 - Sp-Fieldwork/Comm Enhanc (1-5)
CJ 201 - Narcotics/Dangerous Drug (3)

Basic orientation to drug laws and the classification of drugs. Symptoms of drug abuse and commonly used paraphernalia are examined. Class explores trade routes, drug production, pharmacology, as well as the global and national impact of drugs.

CJ 202 - Child Abuse Investigatio (3)

Historical overview of societyÂ¿s view of children and the evolution of intervention into the family. Within this context the role of criminal justice and Child Protective Services are discussed. Practical techniques of investigating neglect, physical and sexual abuse of children are presented, along with the dynamics of the victim, family, and the offender.

CJ 203 - Info and Cyber Warfare (5)

Overview of the global cyber threats that target US infrastructure as a military strategy, stealing corporate intellectual property for financial gain, and manipulating information in the social media for political gain. Study of different City, State, and Federal agencies involved in preventing and responding to a cyber-attack. History of cyber war, cyber weapons, and the tactics used in a cyber-based battlefield. Analysis of sophisticated cyber-attack and the complex challenges it brings to law enforcement, emergency responders, and citizens.

Prerequisite: Eligibility for ENGL& 101.

CJ 204 - Intelligence Gathering (5)

Introduction to open-source intelligence (OSINT) and its use in law enforcement investigations. Explores significant areas of intelligence gathering collected from publicly available sources. Open-source intelligence gathering (OSINT) provides online investigative skills for the prediction, prevention, investigation, and prosecution of criminals.

Prerequisite: Eligibility for ENGL& 101.

CJ 205 - Cybercriminals (5)

Exploration of components involved in forensic cybercrime investigations: initial detection, evidence collection, and courtroom prosecution. Technical and legal difficulties involved in searching, extracting, maintaining, and storing electronic evidence. Legal implications of forensic cybercrime investigations and rules of legal procedure relevant to electronic evidence. Examination of significant and current computer forensic developments and the implications for a variety of fields including computer science, security, criminology, law, public policy, and administration.

Prerequisite: Eligibility for ENGL& 101.

CJ 220 - Police-Community Relatns (3)

Examination and historical review of the relationship between law enforcement officers and the public. The emphasis of the

class centers on that relationship as it exists today, and involves issues of police professionalism, prejudices, profiling and other issues.

CJ 222 - Professional Development (3)

Focuses on the extensive application, testing and hiring process in criminal justice. Addresses the minimum standards for being a law enforcement officer in Washington State, instruction on how to prepare and submit an application and rÃ©sumÃ©, how to prepare and present yourself in the Oral Board interview, what to expect during the pre-employment and background investigation as well as the polygraph and psychological exam. Students will participate in many of these phases to develop a stronger skill set and understanding of this process.

CJ 224 - Professional Comm Skills (5)

An overview of effective communication processes for criminal justice professionals including verbal and non-verbal communication, interviewing and interrogation methods, and courtroom demeanor.

Prerequisite: CJ& 101 with a grade of C or higher.

CJ 226 - Crim Justice Report Writing (5)

Study, analysis and practice in criminal justice report writing. Emphasis on structure, terminology, spelling, and report content. Examines use of reports in the criminal justice system, and offers familiarization with various agency report forms.

Prerequisite: Completion of both CJ& 101 and ENGL& 101 with a grade of C or higher.

CJ 232 - Profile Crimnal Behavior (5)

Provides students with a general understanding of the theory and purpose profiling criminal behavior. Not intended to teach students how to become Â¿profilers,Â¿ but an introduction to the theory and practice of profiling. Critical discussions of the use of profiles in the criminal justice system.

CJ 233 - Police Thru Mass Media (5)

Examines public perception of criminal justice through film, television, and other forms of mass media. Both historical and current interpretations are studied to gain an appreciation of the symbolic interaction that occurs between the professional career field and popular culture.

CJ 234 - Family/Domestic VIolence (5)

Examines the relationship between criminal justice and social service systems that deal with family and domestic violence, and how the criminal justice and social service communities work to provide a multi-agency approach to this devastating issue.

CJ 235 - Criminal/Trace Evidence Lab (5)

Laboratory-based curriculum applies scientific concepts unique to the specific forensic science requirements of the criminal justice system. Concepts include crime scene reconstruction, legal integrity of scientific evidence, and individualization of physical evidence.

Prerequisite: Completion of CJ& 101 with a C or better.

CJ 236 - Capstone Criminal Justic (5)

Encapsulates the student learning as reflected in the development and delivery of a culminating project related to a contemporary issue in the criminal justice field.

CJ 241 - Victimology (3)

Examination of relationship between victims and various components of the criminal justice system. Topics include history of victimÂ¿s rights movement, assistance programs, patterns and trends, interaction with law enforcement, rights and remedies in the court system and advocacy. Special focus given to victims of specific offenses such as stalking, domestic violence, hate

crimes and sex crimes involving adults and children.

Prerequisite: Eligibility for ENGL& 102.

CJ 242 - Organized Crime (3)

Focuses on theories and the evolution of traditional organized crime in America. Examines new and emerging organized crime groups and their relationship to domestic criminal enterprise.

Prerequisite: Eligibility for ENGL& 102.

CJ 243 - Ethical Dilemmas in CJ (5)

Exploration of legal, moral and social implications of ethical dilemmas in criminal justice, including police use of deadly force, police discretion, victimless crimes, surveillance, enforcement of unpopular laws, use of informants, plea bargaining, judicial discretion, capital punishment, cultural norms of sub-groups and dilemmas they present to criminal justice practitioners.

Prerequisite: Completion of CJ& 101 with a C or higher, AND Eligibility for ENGL& 101.

CJ 244 - Current Issues in Policing (5)

Issues related to the accountability of the police to the electorate through the political process. In addition to focusing on the governmental setting for police work, police policies and practices, and current political issues in municipal police agencies, this course considers contemporary issues of importance to line-level police officers and administrative personnel.

CJ 250 - Coop Work Experience (1-5)

A supervised field experience in local law enforcement, corrections and other criminal justice agencies. Each student works approximately 10 hours per week at a variety of assigned tasks directly associated with the criminal justice system.

CJ 251 - Coop Work Experience (1-5)

A supervised field experience in local law enforcement, corrections and other criminal justice agencies. Each student works approximately 10 hours per week at a variety of assigned tasks directly associated with the criminal justice system.

CJ 252 - Coop Work Experience (1-5)

A supervised field experience in local law enforcement, corrections and other criminal justice agencies. Each student works approximately 10 hours per week at a variety of assigned tasks directly associated with the criminal justice system.

CJ 256 - Coop Work Experience Sem (1)

Seminar to support supervised field work for Criminal Justice majors in local law enforcement agencies where students discuss their field experiences/observations and perceptions with their peers along with employment opportunities and job search skills relevant to their careers. (Formerly CRM J 256)

CJ-Criminal-Justice-CCN

CJ& 101 - Intro Criminal Justice (5)

Philosophical and historical review of the American criminal justice system; introduction to civil and criminal law; organization and jurisdiction of local, state and federal agencies; career opportunities. Class examines the U.S. criminal justice system from the initial incident to the final disposition at state and federal levels. This is a required course for criminal justice majors and is open to non-criminal justice majors as an elective.

CJ& 105 - Intro to Corrections (5)

A philosophical and historical examination of the American correctional system. Traditional approaches to corrections are compared with new trends at the local, state and federal levels. Career opportunities, requirements for job entrance and training for corrections are reviewed.

CJ& 110 - Criminal Law (5)

Survey course designed for those seeking a career in criminal justice. It provides an understanding of US legal history, the philosophy of law, legal definitions, constitutional issues, criminal analysis, case reviews, and an overview of federal and state criminal laws, including juvenile justice.

Prerequisite: Completion of CJ& 101 with a C or better.

CJ& 112 - Criminology (5)

Explores the nature and extent of crime and delinquency, examines criminological theories of causes and solutions, analyzes law and the criminal justice system. NOTE: Student should consider completing SOC 101 prior to enrolling in CJ 112.

Prerequisite: For everybody: Eligibility for ENGL& 101. For Criminal Justice majors only: Completion of CJ& 101 required.

CJ& 240 - Intro to Forensic Sciences (5)

History of forensic science, overview of the forensic sciences including pathology, dentistry, anthropology, entomology, psychology/psychiatry, fingerprints, DNA, blood stains, questioned documents, accounting, ballistics, toxicology, explosives, andcyber technology. The course will explore the use of forensic sciences in investigations, adjudications, convictions, and exonerations.

Prerequisite: Eligibility for ENGL& 101.

CL - Computer Literacy

CL 101 - Intro to Computer Applications (5)

Presents a general overview of computer concepts and applications. Topics include how computers work, different types of computers, input and data storage devices, operating systems, and search engines. Introduces the Windows environment and computer application programs. Emphasis on file management. BT 100 or keyboarding speed of 20 wpm recommended.

CL 102 - Computer Use & File Mgmt (2)

Overview of the basic functions of a personal computer and its operating system. Includes understanding of the computer environment, working with icons and basic windows tasks, managing files, identifying and understanding viruses, and dealing with printer setup and output.Class has continuous enrollment; some sections may be taught in a computer lab while others will be 100% online. Students may select the hours to attend while the lab is open. Student work is self-paced with assistance available at all times.

CL 103 - Word Processing (2)

Provides an overview of Word. Includes creating and formatting word processing documents and duplicating and moving text within and between documents. Other Word features introduced include creating standard tables, using pictures and images in a document, and using mail merge tools. Class has continuous enrollment; sections are taught in a computer lab. Students may select the hours to attend while the lab is open. Student work is self-paced with assistance available at all times.

CL 104 - Spreadsheets (2)

Overview of Excel. Includes developing, formatting, and modifying Excel spreadsheets. Other Excel concepts introduced include applying standard mathematical and logical formulas and creating and formatting graphs and charts. Class has continuous enrollment; sections are taught in a computer lab. Students may select the hours to attend while the lab is open. Student work is self-paced with assistance available at all times.

CL 105 - Databases (2)

Overview of Access. Includes creating and modifying Access tables, queries, forms, and reports. Other Access concepts introduced include creating relationships between tables and retrieving and manipulating information by using queries and sort tools. Class has continuous enrollment; sections are taught in a computer lab. Students may select the hours to attend while the

lab is open. Student work is self-paced with assistance available at all times.

CL 106 - Powerpoint (2)

Overview of PowerPoint. Includes creating, formatting, modifying, and preparing presentations using different slide layouts. Other PowerPoint concepts include duplicating and moving text, pictures, images, and charts within and between presentations and using a variety of slide show effects. Class has continuous enrollment; sections are taught in a computer lab. Students may select the hours to attend while the lab is open. Student work is self-paced with assistance available at all times.

CL 107 - Basic Computer Systems (2)

Overview of the physical make-up of a personal computer system and fundamental concepts. Basic concepts include how a computer functions, hardware, software, security, and legal issues associated with computers. Class has continuous enrollment; sections are taught in a computer lab. Students may select the hours to attend while the lab is open. Student work is self-paced with assistance available at all times.

CL 110 - Managng Internet Communication (5)

Comprehensive examination of strategies and techniques for effectively managing internet communications within various organizational contexts. Explore key concepts, principles, and best practices for leveraging the internet as a powerful tool for communication while mitigating risks and maximizing opportunities.

Prerequisite: Completion of CL 101 with a C grade or higher.

CMST - Communication Studies

CMST 104 - Oral Interpretation of Lit (5)

Study of literature through performance and theory. Literary understanding and appreciation are emphasized through the examination of prose, poetry, and drama. Performance skills are developed by learning to communicate literature through voice and body.

CMST 182 - Service Learning (1-2)

Service Learning combines the opportunity of volunteerism with academic applications and social, economic, and political issues important to the community. A maximum of six credits may be earned. (Formerly SPCH 182)

CMST 199 - Special Projects Communication (1-5)
CMST 223 - Public Speaking for Educators (5)

CMST 220 option for education majors. Methods of speech organization and composition for education students, speaking skills in educational settings, situational analysis and instructional communication assessment.

Prerequisite: Eligibility for ENGL& 101.

CMST 299 - Special Project Comm Studies (1-5)
CMST 340 - Adv Business/Org Communication (5)

Using current research, real-world examples, and personal reflection students will develop communication competence skills needed to navigate a contemporary and diverse workplace in a self-aware, creative, and ethical way. Topics include workplace identity, diversity, and intercultural competence; listening, problem-solving and collaborating in teams; managing self and others; leadership strategies, motivation, and change; strategic communication and conflict management; advanced public speaking and accessible training techniques; overload and burnout.

Prerequisite: Admission to the BAS in Accounting program.

CMST-Communication-Studies-CCN

CMST& 102 - Introduction to Mass Media (5)

Survey course exploring the role of mass media in society, with an emphasis on developing students' media-literacy skills. Topics include current and historical uses of mass media, media economics, and the impacts of the digital revolution.

CMST& 210 - Interpersonal Communication (5)

Introduces theories and skills related to understanding and improving communication in social, family and work situations. Examine how self-concept, perception, language and nonverbal communication impact relationship development and conflict resolution.

Prerequisite: Eligibility for ENGL& 101.

CMST& 220 - Public Speaking (5)

Develop skills and confidence in speech writing and delivery. Examine methods of audience analysis, speech organization, source credibility, delivery, and evaluation.

Prerequisite: Eligibility for ENGL& 101.

CMST& 230 - Small Group Communication (5)

Principles and methods of human interaction in social, family, learning, and problem solving groups. Through active learning, students become more comfortable and competent participants in the group process using problem solving methodologies, understanding power dynamics, developing individual and leadership roles and conflict management skills.

Prerequisite: Eligibility for ENGL& 101.

CMST& 240 - Intercultural Communication (5)

Introduction to communication between people from different cultures. Focuses on application of research and theory in intercultural communication. Explains the roles of verbal and nonverbal codes, cultural value patterns, identities, and belief systems. Describes obstacles to effective intercultural communication and develops skills to overcome them. Increase effective communication and appreciation for different cultures (including their own) and diversity in the human experience.

Prerequisite: Eligibility for ENGL& 101.

COLL - College Success

COLL 100 - Study Skills for Acad Recovery (2)

Textbook reading, memory techniques, test taking, note taking, and study strategies for students needing academic support and recovery. Emphasizes practical methods to work successfully through difficult material in lectures and textbooks as well as student reflection on past academic challenges.

COLL 101 - College Success (2)

Develop, understand and apply college success strategies to include college resources and student services, rights and responsibilities, financing college, organization, time management, appreciating diversity, learning strategies, choosing a college major, achieving college goals and preparation for the completion of an academic plan.

COLL 102 - Academic Reading Skills (2)

Critical reading and recall, using academic sources from one or more of a student's other courses, to increase comprehension and prepare for tests. Application and evaluation of a variety of strategic reading, note-taking, and vocabulary building practices. A companion course to other college-level classes; students should be concurrently enrolled in a 100-level class.

COLL 105 - Study Skills for Coll Success (5)

Focus on study skills required to excel in college courses. Emphasis on strategies to comprehend college textbooks, materials, and lectures. Identify study strategies and communication techniques, manage time effectively, improve memory, prepare for tests, improve note-taking, and use library and internet resources.

COLL 180 - Coll Skills for Neurodivergent (3)

Introduction and exploration in neurodivergent identity and individual learning. Learn how to improve in executive functioning, social interaction, self-advocacy, and self-regulation. Identify personal strengths to build strategies for success. Course is based on principles of social justice and the neurodiversity movement.Content is aimed at students who self-identify as autistic or neurodivergent (autism, ADHD, dyslexia, dyscalculia, etc.).

Prerequisite: COLL 101 or STEM 101 or concurrent enrollment, or instructor permission.

COLL 182 - Service Learning (1-2)

COSMT - Cosmetology

COSMT 102 - Salon Communications (3)

Standards and conventions of written and spoken English. Includes preparation, proofreading, editing business and personal correspondence. Including memos, advertisements, business cards, flyers, brochures, resumes, and other related projects. Review of abbreviations, capitalization, grammar, possessives, plurals, punctuation, and spelling.

Prerequisite: Eligibility for ENGL 98.

COSMT 110 - Trichology, Dermatology (5)

Introduction to the study of hair, skin and nails and their function, structure, and characteristics. Knowledge of the signs and symptoms of hair, skin, and nail conditions, diseases, and disorders. Special emphasis on disinfection and sanitation procedures and determining whether a hair, skin, and/or nail service can be provided.

Prerequisite: Eligibility for ENGL 98.

COSMT 111 - Salon Management (5)

Introduction to the main components of starting a salon business, salon operations, marketing strategies, factors affecting salon culture, business laws, and state laws. Implementation of branding and self-marketing. Special emphasis is placed on examining a variety of local salons and establishment of a mentor.

Prerequisite: Eligibility for ENGL 98.

COSMT 112 - Salon Safety/Chem/Elec (5)

Methods of decontamination, universal precautions and responsibilities of a salon professional. Types and classifications of bacteria, fungi, viruses, parasites, and safety measures used. Introduction to chemistry used in chemical services and product ingredients as they relate to the cosmetology industry. Basic anatomy, physiology and types of electricity will also be covered. Training in First Aid and CPR is included.

Prerequisite: Eligibility for ENGL 98.

COSMT 113 - Basic Skin and Nail Theory (3--4)

Introduction to the study of skin and nails and their function, structure, and characteristics. Care and treatment of skin, and nail diseases and disorders. Instruction/participation class is closely supervised in the introduction and practice of basic nail and skin care services performed by a cosmetologist. Gaining salon experience, students will practice on models, mannequins, and clients. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: Eligibility for ENGL 98.

COSMT 120 - Cosmetology Compendium (3)

Provides theoretical and practical review from previous Cosmetology courses in preparation for in-house computerized exam and practical exam before applying for Washington State Board examination. Preparation of portfolio for future job opportunities. Designed for fifth quarter students preparing for the Washington State Written and Practical Licensure Exam.

Prerequisite: COSMT 218 and 1400 clock hours, and concurrent enrollment in COSMT 219.

COSMT 124 - Inst Trn Theory I (3)

Preparation to teach in the cosmetology classroom and create effective lesson plans and other classroom tools. Practice in preparation, teaching, testing, grading, and review. Prepares the student for the Washington State Instructor Licensing exams.

COSMT 125 - Instructor Trainee Theory II (3)

Preparation to teach in the cosmetology classroom and create effective lesson plans and other classroom tools. Practice in preparation, teaching, testing, grading, and review. Prepares the student for the Washington State Instructor Licensing exams.

COSMT 199 - Special Projects (0)
COSMT 201 - Cosmetology Basic Skills (1-15)

Instruction/participation class in basic services performed by a cosmetologist. This lecture/lab class is closely supervised in the introduction and practice of shampooing/draping, hair analysis/scalp and hair treatment, haircutting, wet styling, thermal styling, permanent waving, chemical relaxing, hair coloring/lightening, manicuring/pedicuring, basic facials, temporary hair removal, resume writing, safety measures and decontamination control. Students practice on mannequins, models and each other. Emphasis is placed on quality of work and knowledge of procedures, safety and decontamination control.

COSMT 202 - Advanced Color Lab (9-19)

Students will continue to practice salon services on the EvCC Salon floor under the supervision of a licensed cosmetology instructor. During this class students will learn about and practice the most current and advanced color techniques in the industry including foiling, bleach and tone, balayage and corrective color. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis placed on safety and quality of work while meeting industry target time.

Prerequisite: Completion of COSMT 201, AND COSMT 110, 111, or 112, all with a C or higher, AND instructor permission.

COSMT 203 - Men's Haircutting/Beard (9-19)

Students will continue to practice salon services on the EvCC salon floor under the supervision of a licensed cosmetology instructor. During this class, students will learn about and practice the most current and advanced menÂ¿s haircuts, styles and beard designs. Students will learn how to use appropriate barbering tools to achieve the look. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis placed on safety and quality of work while meeting industry target time.

Prerequisite: Completion of COSMT 201, AND COSMT 110, 111, or 112, all with a C or higher, AND instructor permission.

COSMT 204 - Advanced Haircutting Lab (9-19)

Students will continue to practice salon services on the EvCC Salon floor under the supervision of a licensed cosmetology instructor. During this class students will learn about and practice advanced haircutting and styling techniques requested in the salon today. Shears, razors and texturizing shears will be used to accomplish the look. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis placed on safety and quality of work while meeting industry target time.

Prerequisite: Completion of COSMT 201, AND COSMT 110, 111, or 112, all with a C or higher, AND instructor permission.

COSMT 205 - Textured Hair Serv Lab (9-19)

Students will continue to practice salon services on the EvCC Salon floor under the supervision of a licensed cosmetology instructor. During this class students will learn about and practice the most current and advanced textured hair services requested in the salon. The class will also review how to select the appropriate product used for natural hair styling and as a follow up to chemical textured services. To gain salon experience, students practice on models, mannequins, clients and each other. Emphasis is placed on safety and quality of work, while meeting industry target time.

Prerequisite: Completion of COSMT 201, AND COSMT 110, 111, or 112, all with a C or higher, AND instructor permission.

COSMT 206 - Lab/Shop Practice VI (1-17.5)

May be used to complete curriculum, for special interest projects, and/or to complete required program clock hours. COSMT 206 is an additional quarter and is optional.

Prerequisite: Completion of CMST 205 with a C or higher, AND Instructor Permission, AND completion of a minimum 1,330 Cosmetology Clock hours.

COSMT 211 - Cosmetology Basic Skills (10-20)

Introduction to and practice of shampooing/draping, hair and scalp analysis, hair and scalp treatment, haircutting, protective styles, wet and thermal styling, permanent waving, chemical relaxing, hair coloring/lightening, manicuring/pedicuring, basic facials, temporary hair removal, building of a professional portfolio, and safety measures and decontamination control. Students practice on manikins, models, and each other. Emphasis is placed on quality of work and knowledge of procedures, safety and decontamination control.

Prerequisite: Eligibility for ENGL 98.

COSMT 212 - Advanced Color Lab (3)

Current industry techniques including foiling, bleach and tone, balayage, and corrective color. Advanced color theory to assist in formulating during color consultations. Gaining salon experience, students practice on models, mannequins, and each other. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: Completion of COSMT 211 with a C or higher.

COSMT 213 - Men's Haircutting Design (3)

The most current and advanced menÂ¿s haircuts, styles and beard designs. Use of appropriate barbering tools to achieve the look. Gaining salon experience, students will practice on models, mannequins, and clients. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: Completion of COSMT 211 with a C or higher.

COSMT 214 - Advanced Haircutting (3)

Advanced haircutting and styling techniques requested in the salon today. Shears, razors and texturizing shears will be used to accomplish the look. Gaining salon experience, students practice on models, mannequins, clients and each other. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: Completion of COSMT 211 with a C or higher.

COSMT 215 - Textured Hair Services Lab (3)

Current and advanced textured hair services and protective styles. Review of how to select product used for protective hair styling and chemical textured services, and application of different types of extension installation. Gaining salon experience, students practice on models, mannequins, clients and each other. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: Completion of COSMT 211 with a C or higher.

COSMT 216 - Cosmetology Practice VI (8-20)

Practice of the most current services requested in the salon. Tracking progress on retail sales, services sales, request clientele, rebooking, and add on services. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: COSMT 211 and 200 clock hours.

COSMT 217 - Cosmetology Practice VII (8-20)

Practice of the most current services requested in the salon. Tracking progress on retail sales, services sales, request clientele, rebooking, and add on services. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: COSMT 216 and 400 clock hours.

COSMT 218 - Cosmetology Pract VIII (8-20)

Practice of the most current services requested in the salon. Tracking progress on retail sales, services sales, request clientele, rebooking, and add on services. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time.

Prerequisite: COSMT 217 and 700 clock hours.

COSMT 219 - Cosmetology Practice IX (8-20)

Practice of the most current services requested in the salon. Tracking progress on retail sales, services sales, request clientele, rebooking, and add on services. Emphasis is placed on sanitation, safety, and quality of work, while meeting industry target time. May be repeated one time for credit.

Prerequisite: COSMT 218 and 1000 clock hours.

COSMT 240 - Instructor Trainee Lab (3--14)

Designed to prepare the student to teach in the cosmetology classroom. Assists students with practical applications of services to clients, problem solving, and answering questions. Designed to be taken concurrently with COSMT 124 and COSMT 125. Prepares the student for the Washington State Instructor Licensing exams.

COSMT 251 - Cosmetology Internship (1--5)

During their last quarter, a cosmetology student with advanced standing can complete a Cosmetology Internship to gain industry based work experience. The student, faculty member, and salon member will work under the guidance of a learning plan with a contracted salon or other business venture serving this licensed field to accomplish a planned set of learning objectives.

COSMT 299 - Special Projects (1--5)

May be used to complete curriculum, for special interest projects, and/or to acquire additional hours as set by Department of Licensing to meet state standards for out-of-state license, and those wanting to refresh and update their skills. Course is an additional quarter and is optional.

CS - Computer Science

CS 110 - Intro to Computer Science (5)

Introductory course for students with little programming knowledge and experience. Familiarizes students with basic software design and programming concepts and constructs such as data types, assignments, sequential-versus-selective execution,

nesting, loops, arrays, I/O streams and basic procedural programming.

Prerequisite: Eligibility for ENGL& 101 and Eligibility for MATH& 107 or higher.

CS 132 - Computer Science II C++ (5)

Advanced software development using the C++ programming language, emphasizing object-oriented concepts and fundamental data structures techniques. Introduces concepts of recursion, modularity, encapsulation, inheritance, templates, polymorphic class design, and self-referential data structures; focuses on fundamental abstract data types (stacks, queues, linked lists, binary trees) and their use.

Prerequisite: Completion of CS& 131 with a C or higher.

CS 143 - Computer Science II Java (5)

Advanced software development using the Java programming language, emphasizing object-oriented concepts and fundamental data structures techniques. Introduces concepts of recursion, modularity, encapsulation, inheritance, templates, polymorphic class design, and self-referential data structures; focuses on abstract data types (stacks, queues, linked lists, binary trees) and their use.

Prerequisite: CS& 141 with a C or high.

CS 199 - Special Projects (1-5)
CS 233 - Data Structure and Algorithms (5)

Advanced data structures and fundamental computer science algorithms using various techniques. Introduces algorithm complexity analysis and asymptotic notation. Emphasizes the design, analysis and comparison of various algorithmic solutions for a problem through the use of advanced data structures using the C++ programming language.

Prerequisite: Completion of CS 132 with a C or higher.

CS 244 - Adv Data Structures Java (5)

Advanced data structures and fundamental computer science algorithms using various techniques. Introduces algorithm complexity analysis and asymptotic notation. Emphasizes the design, analysis and comparison of various algorithmic solutions for a problem through the use of advanced data structures using the Java programming language.

Prerequisite: Completion of CS 143 with a C or higher.

CS 260 - Intro to Computer Architecture (5)

Introduction to the fundamental concepts and principles in computer architecture which establishes the link between an assembly program and a processor. Topics include: writing assembly programs to solve problems, understanding how programs run on a CP, the relationship between assembly language and high-level programs written in the C language, the basics of modern computer architecture (including the MIPS instruction set), CPU implementation (datapath and control, pipeline), Memory hierarchy, and I/O.

Prerequisite: CS 233 or concurrent enrollment, or CS 244 or concurrent enrollment.

CS-Computer-Science-CCN

CS& 131 - Computer Science I C++ (5)

Software development focusing on providing a deeper level of understanding of programming concepts such as data types, use of variables, assignment statements, control structures, modular design using procedures, pointers, dynamic memory, and array data structures. Familiarizes students with memory management notions and with Object Oriented Programming concepts.

Prerequisite: Completion of CS 110 or ENGR 121 with a C or higher.

CS& 141 - Computer Science I Java (5)

Basic programming concepts used for solutions of engineering & science problems using the Java language. Topics include classes, object, methods; variables & types; conditional & iteration control structures, arrays; strings; collections iterators.

Prerequisite: Completion of CS 110 or ENGR 121 with a C or higher.

CT - Composites Technology

CT 101 - Intro to Composites (5)

Introduction to composite materials and their uses in industry with focus on developing basic fabrication skills and the safe use of materials.

CT 102 - Composite Technology 1 (20)

Theory and application of composite manufacturing principles: knowledge of material types and resin systems; curing and cross linking of polymer resin systems; design considerations to construct laminates and sandwich core parts; knowledge and use of layup techniques. Use of both open and closed molding methods are reviewed, including: wet layup, filament winding, vacuum bagging, resin infusion process (VARTM), and light resin transfer modeling (LRTM). The use of core material properties; precision measurement tools to finish cured composites to print specifications; and understanding and demonstration of material handling and shop safety practices.

Prerequisite: Eligibility for MATH 76 or equivalent, OR instructor permission.

CT 122 - Weight and Balance (2)

The importance of weight and balance to aircraft safety, and the required calculations for weight balance checks, equipment changes, extreme loading checks and the addition of ballast. May be repeated one time for credit.

Prerequisite: Prerequisite: Instructor Permission. Corequisite: Corequisites: CT 111, CT 161, and CT 202.

CT 125 - Composite Assembly (4)

Identify and utilize appropriate materials and processes to assemble structures made of composite materials. Laboratory experience will cover safety of handling resins, reinforcements, and related materials.

Prerequisite: Completion of CT 111, CT 122, CT 161 and CT 202 with a grade of C or higher, OR AVA 101 and AVA 203 - all with a grade of C or higher; AND instructor permission. Corequisite: Corequisites: CT 125, CT 130, CT 145.

CT 145 - Composite Special Projects (5)

Develop composite material manufacturing skills through knowledge, development and implementation of the manufacturing process, such as Print reading, project planning layout, distortion control, fixturing and other fabrication techniques. Students will develop a unique design and work both individually and collaboratively to execute the manufacturing of this desired product.

Prerequisite: Completion of CT 101 or CT 102 with a C or higher.

CT 203 - Composite Technology 2 (20)

Theory and application of advanced composite manufacturing principles are covered, including manufacturing, damage inspection and repair.

Prerequisite: Completion of CT 102 with a C or higher.

DESJ-Diversity-Equity-Soc-Justice

DESJ 297 - From Inquiry to Civic Action (2)

Focuses on key concepts of civic engagement and frameworks for creating social change; introduces relevant research methodology such as surveys, case studies, or a literature review. Opportunities to reflect on personal values and beliefs and connect prior learning to create an individual plan for civic action, which may include further research and study, service learning, an internship, or a social campaign.

Prerequisite: Completion of ENGL& 101.

DESJ 298 - DESJ Capstone (3)

Implement plan for civic action, which may include research and study, service learning, an internship, or a social campaign. Reflect on connections between capstone and equity and social justice and present findings.

Prerequisite: Completion of DESJ 297.

DEVED - Developmental Education

DEVED 182 - Service Learning (1-2)

Service Learning combines the opportunity of volunteerism with academic applications of social, economic, and political issues important to the local community. Provides for real-life application of skills and knowledge that extends learning beyond the classroom and into the community. A maximum of six credits may be earned.

DEVED 84 - Intro to College Reading (3-5)

Designed to improve students' reading knowledge, skills and abilities in order to prepare for college courses that require reading. Emphasis on reading using metacognitive processes, preparing for and taking part in discussion groups, and building fluency and vocabulary. Equivalent to TS 084. Credit cannot be earned in both DEVED 084 and TS 084.

DEVED 94 - Read/Think Academics I (3-5)

This course is designed for students who desire improvement and basic skill building for success in college-level reading. Emphasis is on reading comprehension, vocabulary development and improved speed.

DEVED 95 - Study Skills/College (5)

Focus on college success and basic study skills. Identify learning styles, manage time, utilize student support services, read textbooks, take notes, take tests, and use library and Internet resources. May be repeated two times for credit.

DEVED 96 - Computer Comfort (5)

This course is designed for students who need basic computer confidence and skill building. Emphasis is on basic computer skills and learning strategies to help students succeed in college-level classes. No prior computer experience is necessary; recommended for students who are new to computers and hesitant about today's technology as used in college classrooms. May be repeated two times for credit.

DRMA - Drama

DRMA 100 - Rehearsal, Prod & Performance (2-5)

Active participation in a theatrical production. Course registration follows the audition, interview and selection process. Students enroll in 2-5 credits, depending upon the performance role commitment or technical crew responsibilities. May be repeated two times for credit.

DRMA 102 - Beginning Acting (5)

Techniques and terminology of various approaches to acting including the Stanislavski method. Includes introduction to definitive theater exercises, improvisation, character development, scene analysis, and culminates in rehearsed and performed scene work.

DRMA 107 - Diversity in Drama (5)

An exploration of culture and diversity through contemporary dramatic works. Emphasis on the values and customs of differing groups by examining and discussing representative plays. Students also will examine the representation of their own culture through theatre and film.

DRMA 121 - Acting Styles (5)

Emphasizes the specific skills needed to perform works representative of a variety of periods ranging from classical Greek theater to Shakespeare to contemporary texts. Coursework includes class discussion, exercises and scene work, culminating in an acting showcase. Introduces stage combat and swordplay techniques. May be repeated one time for credit.

DRMA 130 - Improvisation & Sketch Comedy (5)

Techniques and practices to increase confidence and creativity in performance. Through practical application, emphasizes team building fundamentals key to improvisation and the basic structure and format of a comic sketch.

DRMA 250 - Theatre Internship (2-5)

Supervised work experience as an intern. May be with a qualified employer or in a project with a private or public agency. Students must have completed most of the required coursework and must obtain a recommendation for internship from their instructor. It is the student's responsibility to obtain the internship. Performance will be evaluated by the college instructor and the internship supervisor. Internship can apply once to AFA degree electives. May be repeated two times for credit.

DRMA 299 - Drama Special Project (2)

DRMA-Drama-CCN

DRMA& 101 - Introduction to the Theatre (5)

Introduction to significant forms and styles of theatre; nature of dramatic event; theatre as artistic expression; basic trends and movements in theatre; origins, organizations and nature of theatre productions; and functions of playwright, producer, director, actor, critic, audience, designer, and technicians of the art form.

ECED-Early-Childhood-Education-CCN

ECED& 105 - Introduction to ECE (5)

Explore the foundations of early childhood education. Examine theories defining the field, issues, trends, best practices, and program models. Observe children, professionals and programs in action. This course has laboratory components..

ECED& 107 - Health/Nutrition/Safety (5)

Introduction to implementation of equitable health, safety and nutrition standards for the growing child in group care. Focus on federal Child Care Block Grant funding (CCDF) requirements, WA state licensing and Head Start Performance standards. Develop skills necessary to keep children healthy safe, report abuse neglect, and connect families to community resources. This course has laboratory requirements.

ECED& 120 - Practicum--Nurturing Relations (2)

In an early learning setting, engage in establishing nurturing, supportive relationships with all children and professional peers. Focus on childrenÂ¿s health safety, promoting growth development, and creating a culturally responsive environment. This course has laboratory requirements.

ECED& 132 - Infants and Toddlers Care (3)

Examine the unique developmental needs of infants and toddlers. Study the role of the caregiver, relationships with families, developmentally appropriate practices, nurturing environments for infants and toddlers, and culturally relevant care. This course has laboratory requirements.

Prerequisite: EDUC& 115 and ECED& 120; and either ECED& 105 or EDUC 202.

ECED& 134 - Family Childcare Management (3)

Learn how to manage a family childcare program. Topics include: licensing requirements, record-keeping, relationship building, communication strategies, guiding behavior, and promoting growth and development. This course has laboratory requirements.

Prerequisite: EDUC& 115 AND ECED& 120, AND either ECED& 105 or EDUC& 202.

ECED& 139 - Administration of ECE (3)

Develop administrative skills required to develop, operate, manage and improve early childhood education and care programs. Acquire basic business management skills. Explore resources and supports for meeting Washington State licensing and professional NAEYC standards. This course has laboratory requirements.

Prerequisite: EDUC& 115 AND ECED& 120, AND either ECED& 105 or EDUC& 202.

ECED& 160 - Curriculum Development (5)

Investigate learning theory, program planning, tools and methods for curriculum development promoting language, fine/gross motor, social-emotional, cognitive and creative skills and growth in children birth through age 8 utilizing developmentally appropriate and culturally responsive practice. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

ECED& 170 - Learning Environments (3)

This class focuses on the adultÂ¿s role in designing, evaluating, and improving indoor and outdoor environments that ensure quality learning, nurturing experiences, and optimize the development of young children. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

ECED& 180 - Language and Literacy (3)

Teaching strategies for language acquisition and literacy skill development are examined at each developmental stage (birth-age 8) through the four interrelated areas of speaking, listening, writing, and reading. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

ECED& 190 - Observation and Assessment (3)

Collect and record observation and assessment data in order to plan for and support the child, the family, the group, and the community. Practice reflection techniques, summarizing conclusions, and communicating findings. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

ECE - Early Childhood Education

ECE 132 - Practicum Lab II (4)

Laboratory experience to enable the student to deepen their personal and professional skills and practical knowledge in working

with young children. Students will be placed in an early childhood educational setting under the guidance of a faculty member.

Prerequisite: Completion of ECED& 160, ECED& 170, ECED& 180, all with a C or higher, AND instructor permission.

ECE 135 - Family Dynamics (3)

Examines functional and atypical family systems and the impact on the young child. Explores methods that enhance learning by providing consistency and support to children in childcare, preschool, or school settings. Assists teachers of young children in finding effective ways of communicating with parents and connecting with appropriate community resources. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

ECE 136 - Family Child Care Curriculum (2)

Curriculum planning, implementation and evaluation for family child care programs emphasizing developmentally appropriate and culturally relevant practices in working with young children.

ECE 137 - School Age Child Care (3)

Focus on programs for children ages five through age twelve and their after-school needs. Family issues, health and safety, program and activity planning and childrenÂ¿s individual needs are covered in the context of providing developmentally appropriate school-age programs. This course includes laboratory requirement.

ECE 140 - Family Culture & Self-Concept (4)

Examine family culture and the stages of social development and self-concept in the young child; explore the family as a foundation for social learning; consider culture, bias, and stereotyping as issues having impact on young children.

ECE 199 - Special Projects (1-5)
ECE 207 - Application of Math/Sci in ECE (5)

Hands-on exploration of Math and Science for young children. Highly recommended for Elementary Education majors. This course has a laboratory requirement.

Prerequisite: Completion of ECED& 160 with a C or higher.

ECE 215 - Art/Storytelling Young Child (5)

The study of storytelling and art to meet the developmental domains of young children. Critical components of best practices in early childhood curriculum explored using art techniques and oral storytelling. Students will investigate theory, curriculum, appropriate language, cultural and diversity integration in regards to open-ended art processes and creative development through stories for young children. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

ECE 233 - Practicum Lab III (2)

Practical experience and application of early childhood competency areas of development. Students will be placed in an early childhood education setting under the guidance of a faculty member.

Prerequisite: ECE 132 with a C or higher.

ECE 239 - Leadership/Mentoring in ECE (5)

Develop leadership, coaching and mentoring roles for program directors, program supervisors and aspiring leaders that support continual development, professionalism, ethics, and reflective practice for self and staff. This course has a laboratory requirement.

ECE 299 - Special Projects (1-5)

ECON - Economics

ECON 101 - Understanding Economics (5)

Survey course introduces macro and micro economic concepts and discusses aspects of contemporary social issues with diverse perspectives. Students compare the economic practices of other cultures and countries. Throughout the course, students will obtain a framework to recognize, analyze and evaluate diverse perspectives of social economic issues and how cultural heritage and perceptions affect society.

ECON 199 - Special Projects (1-5)
ECON 299 - Special Projects (5)

ECON-Economics-CCN

ECON& 201 - Micro Economics (5)

Study of factors of supply and demand on production and prices. Emphasizes economic behavior of business firms in regulated and unregulated environments and International Trade issues. Prepares students for upper-division courses in microeconomics theory and managerial economics.

Prerequisite: Eligibility for MATH 138.

ECON& 202 - Macro Economics (5)

Study of national economy: What determines national income level, economic growth and prosperity? What are the effects of government fiscal and monetary policies to the economy? Student examines issues regarding inflation, unemployment, government spending, taxation, money supply and impact of globalization. Various theories are put forth to explain business cycles in the U.S. and world economy. Prepares students for upper-division macro-economic courses. ECON 101 may be substituted for ECON 202 in professional/technical business degree programs.

Prerequisite: Eligibility for MATH 138.

EDUC - Education

EDUC 105 - Parent Leadership Train Inst (5)

Prepares students to become leading participants in and advocates for children's education through an evidence-based, interactive examination of fundamental concepts of child development, community and government systems, education, leadership, and civic participation. All students are required to design and develop a community leadership project.

EDUC 182 - Service Learning (1-2)

Service Learning combines volunteerism with academics by providing for real-life application that extends learning beyond the classroom and into the community. A maximum of six credits may be earned.

EDUC 190 - Education Controversies (2)

Seminar designed to introduce education students to controversies in education. Through readings that represent arguments of leading educators and reflect a variety of viewpoints, discussions will be on opposing viewpoints, thinking critically and reaching considered judgments.

Prerequisite: EDUC& 202.

EDUC 199 - Special Project (1-5)
EDUC 210 - Education Philosophies (2)

Readings and discussions about educational philosophies within the context of education as social construction; and more broadly, as a process of human existential growth where understanding of the world are continually transformed.

Prerequisite: EDUC& 202 with a C or higher.

EDUC 250 - Education In Action (1-4)

Cooperative work experience in a field-based setting for education majors (see EDUC 256). Allows students to earn college credit for work experience in public school classrooms. Practical observation and work under supervision of a teacher. Students will have the opportunity to explore the teaching profession, and experience a wide variety of hands-on experiences during their placement, including observation, tutoring, facilitating learning groups and teaching lessons. If possible, students should begin their observation before the beginning of the quarter.

Prerequisite: Concurrent enrollment in EDUC 256; AND completion of or concurrent enrollment in EDUC& 202.

EDUC 251 - Education In Action (1-4)

Cooperative work experience in a field-based setting for education majors (see EDUC 256). Allows students to earn college credit for work experience in public school classrooms. Practical observation and work under supervision of a teacher. Students will have the opportunity to explore the teaching profession, and experience a wide variety of hands-on experiences during their placement, including observation, tutoring, facilitating learning groups and teaching lessons. If possible, students should begin their observation before the beginning of the quarter.

Prerequisite: Completion of or concurrent enrollment in EDUC& 202.

EDUC 252 - Education In Action (1-4)

Cooperative work experience in a field-based setting for education majors (see EDUC 256). Allows students to earn college credit for work experience in public school classrooms. Practical observation and work under supervision of a teacher. Students will have the opportunity to explore the teaching profession, and experience a wide variety of hands-on experiences during their placement, including observation, tutoring, facilitating learning groups and teaching lessons. If possible, students should begin their observation before the beginning of the quarter.

Prerequisite: Completion of or concurrent enrollment in EDUC& 202.

EDUC 256 - Education In Action Seminar (2)

Seminar to support field work in local schools (see EDUC 250, EDUC 251, EDUC 252). Student will discuss their field experiences, and participate in micro-teaching in order to apply ideas from EDUC 202, EDUC 250, EDUC 251 and EDUC 252. May be repeated two times for credit.

Prerequisite: Concurrent enrollment in EDUC 250; AND completion of or concurrent enrollment in EDUC& 202.

EDUC 270 - Education Portfolio (2)

Course designed to introduce education students to the electronic teaching portfolio, and assist them to document their pre-service teaching activities and fulfill professional expectations of many colleges and universities.

Prerequisite: EDUC& 202 or ECE 130.

EDUC 299 - Special Project (1-5)

EDUC-Education-CCN

EDUC& 101 - Paraeducator Basics (3)

Introduction to roles and responsibilities of the Paraeducator in the K-12 educational system. Exploration of techniques supporting instruction, professional and ethical practices, positive and safe learning environments, effective communication and teamwork.

EDUC& 115 - Child Development (5)

Build foundation for explaining how children develop in all domains, conception through early adolescence. Explore various developmental theories, methods for documenting growth, and impact of brain development. Topics addressed: stress, trauma, culture, race, gender identity, socioeconomic status, family status, language, and health issues. This course has laboratory requirements.

EDUC& 130 - Guiding Behavior (3)

Examine the principles and theories promoting social competence in young children and creating safe learning environments. Develop skills promoting effective interactions, providing individual guidance, and enhancing group experiences. This course has laboratory requirements.

Prerequisite: EDUC& 115 AND ECED& 120, AND either ECED& 105 or EDUC& 202.

EDUC& 136 - School Age Care (3)

Develop skills to provide developmentally appropriate and culturally relevant activities/care for children ages 5-12 in a variety of settings. Topics include: implementation of curriculum, preparation of environments, building relationships, guiding cognitive and social emotional development, and community outreach. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

EDUC& 150 - Child, Family and Community (3)

Integrate the family and community contexts in which a child develops. Explore cultures and demographics of families in society community resources, strategies for involving families in the education of their child, and tools for effective communications. This course has laboratory requirements.

Prerequisite: EDUC& 115 and either ECED& 105 or EDUC& 202.

EDUC& 202 - Introduction to Education (5)

Survey of historical, sociological, political and philosophical aspects of American public education. Includes investigation of the human experience of being a teacher, contemporary problems in education, classroom observations, and the application of educational frameworks to issues of teaching and learning.

EDUC& 203 - Exceptional Child (3)

Explore the basic areas of need that result in qualifying for special education services for birth-8th grade students. Coverage of legislation that mandates an inclusive model for exceptional learners.

Prerequisite: EDUC& 115 AND ECED& 120, AND either ECED& 105 or EDUC& 202.

EDUC& 204 - Inclusive Education (5)

Introductory course in recognition and identification of exceptionality in children from birth through high school. Includes policies and regulations concerning state and federal provisions of special education and related services, as well as adaptations for serving students with special needs in general education classrooms.

EDUC& 240 - Diversity in Education (5)

Exploration of diversity and social justice issues influencing educational settings. In-depth examination of the historical and current impact of children's, teachers', and families' cultural, social and political context in schools.

Prerequisite: EDUC& 202 or ECED& 105 with a grade of C or higher.

ELA - English Language Acquisition

ELA 10 - ELA Level 1 Comm (10)

First level of communication for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition to college and employment.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

ELA 20 - ELA Level 2 Comm (10)

Second level of communications for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition to college and employment.

Prerequisite: ELA 10 with a grade of C or higher.Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

ELA 30 - ELA Level 3 Comm (10)

Third level of communications for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition to college and employment.

Prerequisite: ELA 20 with a grade of C or higher.Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

ELA 32 - ELA Conversation (3)

Equips students with basic English listening and speaking skills. Intended for students taking or eligible to take ELA 20 or ELA 30.

Prerequisite: Eligibility for ELA 20 or ELA 30.Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

ELA 33 - ELA Grammar (3)

Equips students with basic English grammar skills to improve communication in both spoken and written forms. Intended for students taking or eligible to take ELA 20 or 30.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

ELA 34 - Beginning Vocabulary & Reading (3-5)

Designed to improve academic reading skills for non-native speakers of English. This class focuses on mastery of reading vital information for daily living skills in our community, using resources to build skills, and basic reading strategies.

Prerequisite: Eligibility for ELA 30.Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

ELA 36 - ELA Basic Acad Computer Skills (5)

Designed for students who need introductory computer, technology and keyboarding skills. Emphasis on basic computer skills and learning strategies to help students transition to college-level classes. No prior computer experience is necessary; recommended for students who are new to computers and hesitant about using technology in a learning environment. Intended for students taking or eligible to take ELA 20 or ELA 30.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

EMS - Emergency Services

EMS 151 - Emergency Med Tech Training (13)

Designed to prepare participants in all phases of pre-hospital emergency care. Participants are eligible for the National Registry examination and the Washington State EMT-B examination upon successful completion of the course. Content includes lecture and hands-on practice in emergency care, bleeding and shock, soft tissue injuries, environmental emergencies, lifting and moving patients, HIV/AIDS education, emergency childbirth, and other topics.

Prerequisite: Eligibility for ENGL 097 or higher, AND Completion of MATH 076 or higher, an approved program application (including passing an EMS pre-test with a score of 80% or higher), AND Instructor Permission.

EMS 152 - Adv Cardiac Life Support (1)

Enhanced skills for Advanced Cardiac Life Support (ACLS) providers, in treating victims of cardiac arrest or other cardiopulmonary emergencies. Knowledge and skills for treating patients in special resuscitation emergencies and conditions, and to apply for American Heart Associate ACLS certification. Advanced preparation for the assessment, diagnosis and treatment of ST-Elevation Myocardial Infarction (STEMI) patients. Resuscitation airway products and skills. Recognition of cardiac arrhythmias in clinical practice, with emphasis on electrocardiogram (ECG) and drug treatment knowledge.

EMS 153 - Pediatric Life Support (1)

Pediatric Advanced Life Support (PALS) skills for healthcare providers who respond to emergencies in infants and children. Successful course completion satisfies the requirements for a PALS course completion card.

EMS 154 - NREMT Refresher Course (3)

A refresher course that provides a review of basic emergency medical care based on the identified topics outlined by the DOT (Department of Transportation) and NREMT (National Registry Emergency Medical Technician).

EMS 50 - CBT for EMTs (0)

Series of education courses on state-mandated topics following initial EMT certification to maintain and enhance skill and knowledge to meet educational requirements for recertification. CBT requires the successful completion of cognitive, affective and psychomotor evaluations following completion of each topic presentation to determine student competence of topic content.

ENGL - English

ENGL 103 - The Critical Paper (5)

Writing critical analysis of culture and the arts, including film, music, art, and popular culture.

Prerequisite: Eligibility for ENGL& 102.

ENGL 104 - Academic Writing Plus (5)

Co-requisite course that directly supports the academic writing goals of ENGL 101 by addressing the development, drafting,

and revision of academic essays, as well as the language, mechanics, grammar, and usage skills necessary for effective written communication for students also enrolled in ENGL 101. Appropriate for students who have placed into developmental English courses or who have placed into ENGL 101 but are unsure of their skills or readiness for college-level English. May not be taken as a stand-alone course.

Prerequisite: Eligibility for ENGL 97 or higher.

ENGL 105 - Creative Non-Fiction (5)

Composition course in which various literary, journalistic and investigative techniques are applied to the writing and revision of experiential, informative and critical essays.

Prerequisite: Eligibility for ENGL& 102.

ENGL 106 - Poetry I (5)

Introduction to the writing, constructive analysis and revision of poetry. Poetic forms and terms will be learned and students will apply instructive critical analysis to both their own and other students' work. Tendencies and potentials will be identified for each student.

ENGL 108 - Fiction I (5)

Introduction to the writing, constructive analysis and revision of fiction. Fiction terms and techniques will be presented and applied to original student work and constructive analysis of original work will provide practical application.

ENGL 109 - Screen and Play Writing I (5)

Introduction to the writing, constructive analysis, and revision of original creative works for the visual media. Terminology, essential formats, and basic structural principles will be presented and applied to student work.

ENGL 110 - Editing and Publication I (5)

Introduction to the history and practice of editing for publication in print and digital formats, including magazine and book production. In a practicum setting, students edit and publish literary manuscripts, gaining hands-on experience with the campus literary magazine, Poetry Northwest, and related projects.

Prerequisite: Completion of ENGL 105 or ENGL 106 or ENGL 108 or ENGL 109 or JOURN 101 with a grade of C or higher.

ENGL 150 - Tutor Training and Practice (1-5)

Peer tutoring techniques. Learn from supervised tutoring experiences in the Writing Center and from seminar discussions. One credit for 20 tutoring hours and one credit for ten seminars. May be repeated up to five credits.

Prerequisite: Completion of ENGL& 101 with a grade of B or higher, and Writing Center Coordinator's permission.

ENGL 151 - Tutor Training and Practice (1-5)

Peer tutoring techniques. Learn from supervised tutoring experiences in the Writing Center and from seminar discussions. One credit for 20 tutoring hours and one credit for ten seminars. May be repeated up to five credits.

Prerequisite: ENGL 150 with a C or higher.

ENGL 152 - Tutor Training and Practice (1-5)

Peer tutoring techniques. Learn from supervised tutoring experiences in the Writing Center and from seminar discussions. One credit for 20 tutoring hours and one credit for ten seminars. May be repeated up to five credits.

Prerequisite: ENGL 151 with a C or higher.

ENGL 165 - Non-Fiction II (5)

Intermediate course in techniques of fiction, poetry and drama as applied to nonfiction using constructive criticism. Development of writing, constructive analysis and revision skills in creative nonfiction. Students will apply a wide variety of writing techniques and critical perceptions to subjects of their own selection.

Prerequisite: ENGL 105 with a C or higher.

ENGL 166 - Poetry II (5)

Intermediate course in structural and content analysis as applied to student and professional examples of poetic techniques. Development of writing, constructive analysis and revision skills in poetry. Students are individually encouraged to pursue their own directions and to learn from the variety of student directions observed in the class.

Prerequisite: ENGL 106 with a C or higher.

ENGL 168 - Fiction II (5)

Intermediate development of writing, constructive analysis and revision skills in fiction. Exercises and comparative examples of original creative work will be presented and analyzed with student participation to further critical abilities and applications to student work.

Prerequisite: ENGL 108 with a C or higher.

ENGL 175 - African American Lit & Culture (5)

Introductory study of literary works and cultural achievements by African Americans.

ENGL 182 - Service Learning (1-2)
ENGL 183 - Children's Literature (5)

Introduction to the rich literary tradition of books for children, with wide reading and in-depth analysis to determine a criteria for excellence. Includes the study of illustrations, historical perspectives, multicultural influences, and current trends in picture books, traditional tales, realistic and historical fiction, and modern fantasy.

ENGL 199 - Special Projects (1-5)

Independent study and research in various English topics.PR: Instructor permission required.

ENGL 203 - Young Adult Literature (5)

Representative adolescent literature; an examination of the qualities that characterize the teen novel and an application of literary standards to them; a brief history of the genre; and a comparison of books from 1960 to the present.

ENGL 205 - Non-Fiction III (5)

Advanced development of writing, constructive analysis and revision skills in creative nonfiction. Advanced techniques of fiction, poetry and drama will be applied to nonfiction and techniques of constructive criticism will be applied to the developing stages of the nonfiction writing. Students will apply a wide variety of writing techniques and critical perceptions to subjects of their own selection.

Prerequisite: ENGL 165 with a C or higher.

ENGL 206 - Poetry III (5)

Advanced development of writing, constructive analysis and revision skills in poetry.

Prerequisite: ENGL 166 with a C or higher.

ENGL 208 - Fiction III (5)

Advanced development of writing, constructive analysis and revision skills in fiction.

Prerequisite: ENGL 168 with a C or higher.

ENGL 210 - Editing & Publication II (5)

Extended practice in editing for publication, using print and digital formats, including magazine and book production. In a practicum setting, students edit and publish literary manuscripts, gaining hands-on experience with the campus literary magazine, Poetry Northwest Editions, and related projects.

Prerequisite: ENGL 110 with a C or higher.

ENGL 211 - Advanced Composition (5)

Writing essays. Consideration of style, analytical reading and critical thinking beyond the ENGL 101 level.

Prerequisite: Eligibility for ENGL& 102.

ENGL 229 - Survey of British Lit (5)

The study of representative works of British literature such as Beowulf, The Canterbury Tales, Shakespeare's The Merchant of Venice, Frankenstein, and contemporary novels. May include literary works translated into film.

ENGL 233 - Modern British Lit. (5)

Study of the writings of major British writers of the 19th and 20th centuries.

ENGL 240 - Intro. to American Literature (5)

Exploration of American literature (fiction, autobiography, poetry, essays and drama), to include classic authors such as Hawthorne, Twain and James while emphasizing diverse themes and the voices of women writers, working-class writers and writers of color.

ENGL 247 - Modern Grammar (5)

Principles of modern English, including its sound system, methods of word formation, parts of speech, phrase structure, grammatical relations and complex structures. Not an ESL or developmental course.

Prerequisite: Completion of ENGL& 101 or sophomore standing.

ENGL 251 - Myth and Lit of Greece & Rome (5)

Study of major literary works of ancient Greece and Rome.

ENGL 252 - Medieval & Renaissance Lit (5)

Study of major works of European literature from the Middle Ages, Renaissance, and Enlightenment (AD800-1800).

ENGL 253 - Modern European Literature (5)

Study of major works of European literature from 1800 to the present, including Romanticism, Realism, Modernism, and Postmodernism.

ENGL 263 - The Holocaust In Lit (5)

Study of the portrayal of the Holocaust in fictional genres. Issues addressed include the adequacy of language in the face of atrocity; the tension between the expectation of authenticity and accuracy, and the literary imagination; literature's role in liberating the silenced voices of persecuted minorities and the resonance of these voices with contemporary American concerns.

ENGL 299 - Special Projects (1-5)

Independent study and research. Prerequisite: Instructor's permission.

ENGL 97 - Beginning Grammar & Writing (5)

Writing clear and effective sentences and paragraphs, including parts of speech, sentence function and pattern, and the dynamics of coherent paragraphs. Equivalent to TS 097 and HSC 097. Credit cannot be earned in both ENGL 097 and either TS 097 or HSC 097.

Prerequisite: Eligibility for ENGL 97.

ENGL 98 - Intro to College Writing (5)

Writing and revising paragraphs and essays of various types, covering the writing process, diction, grammatical structures, paragraph and essay patterns, and rhetorical devices such as parallelism, transition, and analogy. Equivalent to TS 98 and HSC 98. Credit cannot be earned in both ENGL 98 and either TS 98 or HSC 98.

Prerequisite: Completion of ENGL 97 or equivalent with a grade of C or higher.

ENGL-English-CCN

ENGL& 101 - English Composition I (5)

Writing clear, unified, coherent, and well-developed essays of increasing complexity with an emphasis on critical thinking skills. Essays may be about literary or nonliterary texts, or they may rely upon such texts as points of departure for discussion.

Prerequisite: Completion of ENGL 98 or equivalent with a grade of C or higher.

ENGL& 102 - Composition II (5)

Writing a researched, multi-source essay or essays with an emphasis on audience, purpose, writing style, writing process, and source evaluation, documentation, and synthesis. ENGL 102 sections with the diversity class attribute fulfill the diversity requirement for associate degrees.

Prerequisite: Completion of ENGL& 101 with a C or better.

ENGL& 111 - Introduction to Literature (5)

Introduction to literature and its power to reflect and transform lives, focusing on the development of reading strategies; the recognition of genres, formal conventions, and cultural context; and the analysis of literary works using textual and contextual evidence. Emphasis is placed on the impact that power and privilege have on how literary works are created, disseminated, and received.

ENGL& 113 - Introduction to Poetry (5)

The study of selected poets and their works designed to increase understanding and appreciation of poetry through reading and analysis.

ENGL& 224 - Shakespeare I (5)

Reading and analysis of the comedies, history plays, and tragedies selected largely from the first half of Shakespeare's career.

ENGL& 225 - Shakespeare II (5)

Reading and analysis of Shakespeare's problem plays, major tragedies, and late romances selected from the latter half of his career.

ENGL& 230 - Technical Writing (3)

Writing memorandums, business letters, and technical reports. Includes study of tone, style, unity, audience, and purpose in business and technical communication.

Prerequisite: Eligibility for ENGL& 102.

ENGL& 235 - Technical Writing and Research (5)

Writing memoranda, business letters, and a variety of technical documents such as technical definitions, descriptions, and specifications, proposals, instructions, and analytical reports that incorporate primary and secondary research and visual design elements. Emphasis on the analysis of audiences from lay to expert and rhetorical strategies to satisfy their information needs.

Prerequisite: Completion of ENGL& 101 with a grade of C or higher.

ENGL& 244 - American Literature I (5)
ENGL& 246 - American Literature III (5)

An exploration of American writers, Black, White, Hispanic, Native, Asian, male, and female in American poetry, novels, and short stories beginning with American modernism (approx. 1910-1945), and continuing through the post-modern era.

ENGR - Engineering

ENGR 101 - College Success Engr/Cs (2)

Academic and career opportunities in engineering and computer science. Development of academic and personal skills and attitudes that promote success in college study. Satisfies COLL 101 requirement for new degree seeking students.

ENGR 111 - Intro Engr I: Model/Analysis (5)

A project based introduction to engineering analysis, problem solving, and mathematical modeling. Working in teams, students will complete a series of hands-on projects designed to emphasize a systematic, analytical problem solving approach and explore the engineering disciplines at a technical level. Topics include introductory engineering concepts; engineering for sustainability; teamwork skills; the application of mathematics, physics, and chemistry in engineering; unit systems; and an introduction to spreadsheet applications.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

ENGR 121 - Intro to Engineering 2: Design (5)

Second course in the Introduction to Engineering sequence. Explores the role of creativity, teamwork, and communication in promoting innovative design. Includes an introduction to computing, microcontroller programming and basic parameter optimization. Students develop knowledge and skills in all areas through a series of hands-on design projects.

Prerequisite: Completion of MATH& 142 and ENGR 111, OR MATH& 142 and STEM 102, OR MATH& 152, all with a C or higher.

ENGR 201 - Materials Science (5)

Atomic, molecular and crystalline structure of materials and the relation to electrical, mechanical, thermal and chemical properties. Introduction to materials processing and fabrication techniques.

Prerequisite: CHEM& 161, AND PHYS& 241 (or concurrent enrollment), each with a grade of C or higher.

ENGR 202 - Design of Logic Circuits (6)

Introduction to the basic components of logic circuits. Design and analysis of combinational and sequential logic circuits with exposure to modern methods and design tools.

Prerequisite: Completion of MATH& 151, AND either CS& 131 (or concurrent enrollment), or CS& 141 (or concurrent enrollment), all with a C or higher.

ENGR 205 - Electric Circuits Lab (1.5)

Laboratory applications of electrical circuits principles and instrumentation. Measurement of transient and steady-state responses of electrical circuits.

Prerequisite: ENGR& 204 with a grade C or higher, OR concurrent enrollment.

ENGR 216 - Integrated Comp Aided Design (4)

Computer Aided Design (CAD) and its applications in engineering design and analysis. Emphasis on advanced features in CAD software and the engineering design process. Topics include fundamentals of surface modeling, combined surface and solid modeling, advanced part/assembly techniques, CAD-based computational structure/flow/motion analysis, and complete documentation for an engineering design. Discussion of recent engineering innovations and their impact on the direction of engineering trends. Applying knowledge, skills and perspectives to real-world engineering practice.

Prerequisite: Completion of ENGR& 114 and ENGR& 214 with a C or higher.

ENGR 220 - Mechanics Breaking Lab (2)

Mechanical behavior of materials and application to engineering structures. Hands-on experience in various material testing and experimental stress analysis methods. Introduction to engineering data analysis and report writing. Investigate various types of mechanical behavior in response to loading conditions. Topics will include tension, impact, fatigue, and torsion testing, stress wave experimentation, strain gages, and combined stress analysis.

Prerequisite: ENGR& 225 with grade of C or higher, or concurrent enrollment.

ENGR 240 - Applied Numerical Methods (5)

Solutions to problems in engineering and science using modern computing tools. Application of mathematical judgement in selecting computational algorithms and communicating results. Introduction to MATLAB programming for numerical computation.

Prerequisite: Completion of MATH& 163 or higher.

ENGR 299 - Special Projects (1-5)

Independent study projects on selected topics in engineering. Credit to be arranged with supervising instructor.

ENGR-Engineering-CCN

ENGR& 114 - Engineering Graphics (4)

Methods of depicting three-dimensional objects and communicating design information. Emphasis on using parametric solid modeling software as a design tool. Freehand sketching is used to develop visualization skills and as an instrument for design conceptualization and communication.

Prerequisite: Eligibility for MATH& 107 or higher; OR completion of ENG T 100.

ENGR& 204 - Electrical Circuits (5)

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: Completion of ENGR 121, AND PHYS& 243 (or concurrent enrollment) with a C or higher.

ENGR& 214 - Statics (5)

Fundamentals of engineering statics using vector notation in problem solving. Scientific calculator required.

Prerequisite: ENGR 121 or concurrent enrollment, AND PHYS& 241 or concurrent enrollment, AND ENGL& 101 or concurrent enrollment, each with a C or higher.

ENGR& 215 - Dynamics (5)

Kinematics and dynamics of particles, systems of particles and rigid bodies, including energy and momentum methods.

Prerequisite: Completion of MATH& 152 AND ENGR& 214, both with a grade of C or higher.

ENGR& 224 - Thermodynamics (5)

Thermodynamic properties of matter. First and second law analysis of engineering systems. Energy interactions, performance and efficiency of engineering devices, power cycles, and refrigeration cycles.

Prerequisite: Completion of CHEM& 162, AND MATH& 152, AND PHYS& 241, all with a C or higher.

ENGR& 225 - Mechanics of Materials (5)

Introduction to the mechanics of solids: stress, strain and their relationships, torsion and bending.

Prerequisite: Completion of MATH& 152 AND ENGR& 214 with grade of C or higher.

ENG T - Engineering Technology

ENG T 100 - Engineering Graphics (4)

Introductory level course that uses a two-dimensional (2D) computer-aided design (CAD) software to aid in the theory and application of creating, modifying, analyzing, or optimizing a design. Apply standard borders, orthographic views, auxiliary views, and other standard drafting views and practices to create engineering drawings using computer-aided design and drafting (CADD).

Prerequisite: DEVED 96 or CL 101 with a grade of C or higher, or instructor permission.

ENG T 101 - Technical Problem Solving (5)

Introduction to solving technical problems in various manufactured assemblies for manufacturing technology students. Use of engineering and mechanical scales and precision measuring instruments to measure sizes, lengths and locations of shapes and features. Algebraic, geometric and trigonometric concepts will be applied at an introductory level to solve technical problems such as determining volumes and weights. Scientific calculator required.

Prerequisite: Eligibility for MATH 76 or higher.

ENG T 102 - Technical Problem Analysis (5)

Applications of algebra, geometry and trigonometry to practical problems in manufacturing. Use of spreadsheet to perform calculations.

Prerequisite: Eligibility for MATH 86 or equivalent OR completion of ENG T 101 with a C or higher.

ENG T 103 - Introduction to Revit (4)

Introduction to Revit architectural design and documentation software tools and features, including the Building Information Modeling interface and the basics of building creation.

Prerequisite: Completion of ENG T 100 with a C or higher.

ENG T 108 - Engineering Graphics: 3D CAD (4)

Fundamentals of design with introduction to a 3D parametric CAD modeler in the preparation of designs and working drawings.

Prerequisite: Completion of DEVED 96 or CL 101 with a C or higher, or instructor permission.

ENG T 111 - Intro Engineering Tech Design (5)

Introduction to CAD software as an innovative tool for engineering technical design, including drafting blueprints and programming 3D printers to create additive material for mechanical and structural parts. Prerequisite may be waived by instructor permission.

ENG T 185 - Intro to Catia 3DE (4)

Introduction to parametric, three-dimensional modeling using CATIA 3D Experience. Focus on how to navigate within this software, how to create three-dimensional solid models using industry best practices, and then how to create and manipulate assemblies made from these parts.

Prerequisite: DEVED 96 or CL 101 with a grade of C or higher.

ENG T 193 - Intermediate CAD W/ Catia 3DE (4)

Explores the techniques for using CATIA 3D Experience to produce working level engineering drawings. Detail and assembly drawings are created with attention focused on proper views, text, dimensions, tolerances, bills of material, borders and title blocks. Weldments, flat patterns and other special practices are also examined.

Prerequisite: Completion of ENG T 185 with a C or higher.

ENG T 194 - Tool Design and Product (4)

Create tooling fixtures used to create or assemble engineering parts. Each fixture will be created in the true 3D coordinates as well as proper techniques in the product structure. Focus on team approach to tool engineering design.

Prerequisite: Completion of ENG T 185 with a C or higher.

ENG T 195 - Adv Surfacing with Catia 3DE (4)

This course expands on the knowledge learned in the prior course by introducing tools and methodologies found in the Generative Structural Analysis, Free Style, Wireframe and Generative Shape Design Workbench.

Prerequisite: Completion of ENG T 193 with a C or higher.

ENG T 196 - Adv Workbenches with Catia 3DE (4)

Explores the following CATIA 3D Experience Advanced workbenches: Knowledgeware, DMU Kinematics, Generative Structural Analysis, Generative Sheet Metal Design, Weld Design and Prismatic Machining.

Prerequisite: Completion of ENG T 193 with a C or higher.

ENG T 199 - Special Projects - Eng Tech (1-5)

Independent study projects in Engineering Technology. Topic and number of credits to be arranged with instructor.

ENG T 203 - AutoCAD II - Intermediate (4)

Instruction on the use of AutoCAD tools for efficient creation of engineering drawings. Includes instruction on the use of layouts and paper space; the creation and effective use of layers; how to use blocks, symbols and X-references to improve drafting productivity; the making of attributes and the means of extracting attribute information for generating a bill of materials and other documentation.

Prerequisite: Completion of ENG T 100 with a C or higher.

ENG T 204 - Drafting Using CAD (4)

Drafting fundamentals necessary to understand mechanical and structural drafting. Detail parts, assemblies, and installation drawings created in 3D coordinate system. Drawing and dataset checking; revisions using ASME and ANSI standards; release procedures, naming conventions, and applying bill of materials.

Prerequisite: Completion of ENG T 185 and ENG T 108 with a C or higher.

ENG T 205 - Precision, Fits, w/ GD&T (5)

Theory and application of dimensioning and tolerancing using CAD. Use of standard tolerances with a further emphasis on precision fits and Geometric Dimensioning and Tolerance (GDT) on engineering production drawings as well as applying GDT with Model Based Definition (MBD) using the CAD three-dimensional graphics environment.

Prerequisite: Completion of ENG T 204 with a C or higher.

ENG T 213 - Appl Stat & Material Strength (5)

Fundamentals of statics and strength of materials for technical design using algebra.

Prerequisite: Completion of either ENG T 101 OR MATH& 141 with a C or higher.

ENG T 217 - CAD Design Project (4)

CAD Design projects for students in advanced manufacturing and technical design related fields. Students will be required to work individually and as a member of an assigned team to disassemble a precision mechanical assembly and redesign the assembly. Develop and document the redesign using a parametric 3D modeler to include a detailed parts list. Precision measuring equipment, such as calipers and micrometers, is required.

Prerequisite: ENG T 259 and ENG T 193 (or concurrent enrollment), each with a grade C or higher.

ENG T 225 - Eng Tech Skills Building (2)

Designed for the student who is seeking to improve skills in engineering technology in order to meet industry standards through additional lab time or who is seeking practice time prior to taking certifications tests. The class may be taken up to two times for credit.

ENG T 226 - Eng Tech Skills Building 2 (2)

Designed for the intermediate student who is seeking to improve current engineering technology skills through additional lab time or who is seeking practice time prior to taking certifications tests. The class may be taken up to two times for credit.

ENG T 230 - Mfg Materials and Processes (3)

Examines materials and processes used in manufacturing. Topics include choice of materials and their properties; various processes for converting material into manufactured parts; and the interrelation between materials and processes, particularly regarding feasibility and cost.

Prerequisite: Eligibility for MATH 86 or equivalent OR completion of ENG T 101 with a C or higher.

ENG T 250 - Cooperative Education (1)
ENG T 259 - Engr Graphics: 3D CAD-CAM (4)

A 3D parametric CAD modeler is used to prepare flat patterns, weldment, machining drawings, bills of material, title blocks and other administrative drawing entities. A 3D CAM package is also used to drive a 3-axis bench milling machine.

Prerequisite: Completion of ENG T 108, or ENGR& 114 or equivalent, with a C or higher.

ENG T 299 - Special Projects (1-7)
ENG T 888 - Transferred-In Course (1-10)

ENVS - Environmental Science

ENVS 250 - Envir Studies Sustain Intern (2)

Students will participate in a minimum of thirty hours of a supervised internship which will require integration of knowledge of biological and environmental concepts with environmental economics and an eco-justice perspective.

Prerequisite: Completion of ENVS& 100 or ENVS& 101 or NAT S 103 with a grade of C or higher.

ENVS-Environmental-Science-CCN

ENVS& 100 - Survey Environmental Science (5)

Biological and ecological principles and how they pertain to current issues of population growth and control, diminished food supply, water, air and noise pollution, and similar environmental issues. Credit may not be earned in both ENVS 100 and ENVS 101.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

ENVS& 101 - Intro to Env Science w/Lab (5)

Effects of human population growth on changing ecosystems, energy flow, biological diversity, and sustainability of living resources. Credit may not be earned in both ENVS 100 and ENVS 101.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

ESL - English as a Second Language

ESL 12 - ESL Job Readiness Level 1 (8-16)

Students are introduced to the culture of work in America. Students learn about different types of jobs that employers expect. Provides overview of the labor market and assists students with job finding skills. English grammar and structure associate with Level 1 ESL Core Competencies.

ESL 22 - ESL Job Readiness Level 2 (1-16)

Students continue to learn about the American workplace. Emphasis is placed on identifying particular job categories of interest to the student. Students continue to improve their communication skills. English grammar and structure associated with Level 2 ESL Core Competencies.

ESL 32 - ESL Job Readiness Level 3 (1-16)

Students continue to learn about the American work place. Emphasis is placed on selection of specific career area by student. Students visit employers in career area of their choice. English grammar and structure associated with Level 3 ESL Core Competencies.

FILM - Film Cinema

FILM 100 - Introduction to Film (5)

Critical survey of form, style and content of American and international film. Narrative and non-narrative forms. Design, cinematography, editing and sound as elements of style. Cultural content of film.

FILM 102 - International Film (5)

Critical survey of process (production, distribution, exhibition), style, and content of American and international film from earliest technology in the U.S. and Europe to emerging film industries around the globe. Narrative forms, emphasizing development of emerging nations, relationships between cinematic and national ideologies. Cultural content of film, emphasizing perspectives of diverse populations and development nations.

FIRE - Fire Science

FIRE 100 - Firefighter Academy (22.5)

Basic firefighting skills includes orientation and safety, fundamentals of fire behavior, building construction, personal protective equipment, department communication, extinguishers, water supply, fire hose, ropes and knots, ground ladders, fire control, ventilation, rescue and extrication, loss control, fire detection, alarms and suppression systems, hazardous materials, first aid, and fire prevention/public education. Three class sessions will be held at the North Bend Fire Academy. Live fire experience will be included. Meets NFPA 1001. Successful students will be qualified to sit for the state Fire Fighter I, Firefighter II, and Hazardous Materials Operations written and practical exams. For entry into the Fire Academy complete the National Testing Network Ergometrics exam with a passing score of 75, pass the Candidate Physical Ability Test. Complete the course application and attend a mandatory orientation.

FIRE 101 - Intro to Fire Science (5)

This course is intended to familiarize new firefighters or persons who are interested in the field of fire protection with the basics of the fire service, including the history, traditions, terminology, organization, and the basic operations of modern fire departments.

Prerequisite: Eligibility for ENGL& 101.

FIRE 102 - Intro to Fire Service (5)

Acquaints students with the history, traditions, terminology, and organization of the fire service. Describes the fire service as a career; explains fire service organizations; and covers fire department organization, equipment and facilities; physical fitness and health considerations. Also provides an introduction to accountability and the Incident Management System (IMS). Meets the requirements for NFPA 1001, NFPA 1500. Assesses Core Learning Outcomes 1, 2.

FIRE 103 - Engine Company Basic Op. (3)

Covers fire flow testing, relay and shuttle operations, and water supply management, size and carrying capacity of mains, hydrant specifications, maintenance procedures, relevant maps and recordkeeping procedures. Explains the characteristics of fire and water, describes the types of water streams and nozzles, and covers the procedures for developing streams. Overview of pumper, tankers, brush apparatus and aerial apparatus. Details the basic methods of handling hose, including large diameter hose; hose and coupling construction and maintenance; fire behavior procedures. Meets the requirements for NFPA 1001, NFPA 1002.

FIRE 104 - Fire Dept Comm Relations (3)

Provides development of communication skills in assigning instruction, orders, and information. Promotes customer service and shows how it is intertwined with fire prevention and public education. Meets the requirements for NFPA 1035.

FIRE 106 - Fundamental Ladder Co Op (3)

Fundamentals of a ladder company operation, including handling and maintaining various types of ground ladders and factors affecting ladder placement; introduction to different methods and systematic ways of ventilating buildings with heated air, smoke, and gases; rope applications, including hauling tools, accomplishing rescues from areas of different elevations, stabilizing vehicles, and cordoning off areas; forcible entry; special rescues; salvage and overhaul; and vehicle operation. Meets the requirements for NFPA 1001, NFPA 1002. Assesses Core Learning Outcomes 1, 2.

Prerequisite: Completion of FIRE 102 with a C or higher.

FIRE 110 - Fire Suppression Systems (3)

Concepts and standards of fire protection systems including: fire detection devices, alarms, and sprinkler systems, and fire codes and how they are enforced. This course meets the National Fire Protection Association (NFPA 1001) Standards for Professional Firefighter Qualifications, (NFPA 1002) Standard for Fire Apparatus Driver/Operator Professional Qualifications, (NFPA 1031) Standard for Professional Qualifications for Fire Inspector and Plan Examiner.

Prerequisite: Completion of FIRE 101 with a C or higher, or concurrent enrollment.

FIRE 112 - Hazardous Liquids (3)
FIRE 120 - Pump Ops/Hydraulics (5)

Hydraulic laws and formulas, pump design, practical operation of pumps, pump operation theory, methods for testing, inspecting and maintaining fire pump installations. Addresses the driver/operator manual on operating fire pumps and pumping apparatus. Meets the requirements for NFPA 1002. Assesses Core Learning Outcomes 1, 2.

Prerequisite: MATH& 107 or higher, with a grade of C or higher; AND FIRE 101 (or concurrent enrollment) with a grade of C or higher.

FIRE 122 - Fire Co Strategy/Tactics I (3)

In-depth course in the Incident Management System and how it is used on the fire ground including first-in company tactics. Meets the requirements for National Fire Protection Agency (NFPA) 1026. Assesses Core Learning Outcomes 1, 2, 6.

Prerequisite: Completion of FIRE 102 with a C or higher.

FIRE 124 - Haz Mat Awareness/Ops (5)

Awareness and operations level study of explosive, toxic, and hazardous materials with emphasis on intelligently handling fire situations. Students will learn to recognize and identify hazardous materials through introduction to systematic classification of relationships between groups of materials with similar characteristics, showing how and where they are used. Students will learn to evaluate shipping documentation for dangerous materials identification, and learn where assistance can be found for hazardous materials emergencies. Meets the requirements for National Fire Protection Agency (NFPA) 472. Assesses Core Learning Outcomes 1, 2, 3, 6.

Prerequisite: Completion of FIRE 102 with a C or higher.

FIRE 195 - Firefighter Acad - FT Recruit (26)

Comprehensive foundational skills of firefighting enhanced with additional skills and lab hours oriented toward full-time recruit positions. Topics: orientation safety, fire behavior, fire hose streams, ladders ventilation, rescue extrication, and live fire training. Students test for Washington State certifications to national standard: Firefighter I, Firefighter II, Hazardous Materials Awareness, Hazardous Materials Operations. Entry requires an approved application, including passing the Candidate Physical Ability Test (CPAT), and instructor permission.This course is open only to current Washington State Firefighter JATC enrolled students.

FIRE 200 - Fire Company Strategy/Tactics (5)

Officer level training in multi-level planning, implementing, and evaluating basic and advanced fire tactics. Meets the requirements for NFPA 1021.

Prerequisite: FIRE 101 with a grade of C or higher, or concurrent enrollment.

FIRE 202 - Fire Investigations (3)

Overview of the methods used to determine fire origin, fire causes, fire spread, and fire behavior. Recognition of accidental and incendiary fires, securing and preserving evidence of suspected arson, witness interrogation methods. Meets the requirements for National Fire Protection Agency (NFPA) 1033. Assesses Core Learning Outcomes 1, 2, 3.

Prerequisite: FIRE 101 with a grade of C or higher, or concurrent enrollment.

FIRE 203 - Bldg Construction/Fire Protect (5)

Course covers the basic building construction and design necessary for providing proper fire protection features; emphasizes types of construction materials used, flame spread, fire restiveness, and fire retardant qualities for certain types of occupancy and building use. Meets the requirements for NFPA 220. Assesses Core Learning Outcomes 1, 2.

Prerequisite: FIRE 101 with a grade of C or higher, or concurrent enrollment.

FIRE 205 - Fire Dept Company Officer (5)

Introduction to government and fire department structure, roles, responsibilities and legal liability of the first line supervisor. Also covers concepts of leaders and supervision, public education, labor relations, budgeting, communications, fire prevention, fire suppression, and fire fighter safety. Meets the requirements for NFPA 1021. Assesses Core Learning Outcomes 1, 2.

Prerequisite: FIRE 101 with a grade of C or higher, or concurrent enrollment.

FIRE 230 - Fire Personnel Supv. I (1.5)

First of four levels of training for the company officer to provide basic leadership skills and the tools needed to perform effectively in the fire service environment. Strategies for company success, techniques and approaches to problem solving, ways to identify and assess the needs of the company officerÂ¿s subordinates, methods for running meetings effectively in the fire service environment and decision-making skills for the company officer.

FIRE 240 - Instructor I Certification (3)

Prepares candidates to demonstrate the knowledge and ability to conduct instruction from prepared materials. Covers characteristics of good instruction, role of the instructor in the fire service, summary of psychology of learning, procedures for planning and presenting instruction, evaluation, and testing techniques. Includes instructional planning, development, methods, techniques, materials, aids, and evaluation/testing. Meets requirements for NFPA Standard 1041.

FIRE 246 - Fire Codes & Inspections (4)

A comprehensive intensive study of the International Fire Codes residential and commercial. Preparation to complete the International Code Council 'Fire Inspector I and II, and Certified Fire Inspector' examinations.

FIRE 249 - Wildland Firefighting (2.5)

Training in basic wildland firefighting through DNR standards Includes the effects of fuel, weather, and topography on wildland fire behavior; wildland water supply; initial fire ground command; fire suppression methods; wildland/urban interface; and fire protection planning. Successful completion makes participants eligible for Red Card upon employment with a qualifying agency. Meets requirements for NFPA 1051.

FIRE 260 - FireFight II/Haz Mat Op Prep (1)

Successful students will be qualified to take the International Fire Service Accreditation Congress (IFSAC) Firefighter II, and Hazardous Materials Operations written and practical exams, National Fire Protection Association (NFPA 1001) and (NFPA 472).

FLANG - Foreign Language

FLANG 121 - Transferred-In Course (7.5)
FLANG 122 - Transferred-In Course (7.5)
FLANG 123 - Transferred-In Course (5)
FLANG 221 - Transferred-In Course (6)
FLANG 222 - Transferred-In Course (6)
FLANG 223 - Transferred-In Course (4)

FRCH-French-CCN

FRCH& 121 - French I (5)

First in a sequence of courses to practice functional elements of French pronunciation, grammar and culture in the context of practical conversational French. Listening, reading and writing to communicate in a logical, natural, and personalized way.

FRCH& 122 - French II (5)

Second in a sequence of courses to practice functional elements of French pronunciation, grammar and culture in the context of practical conversational French. Listening, reading and writing to communicate in a logical, natural, and personalized way.

Prerequisite: FRCH& 121 or placement test.

FRCH& 123 - French III (5)

Third in a sequence of courses to practice functional elements of French pronunciation, grammar and culture in the context of practical conversational French. Listening, reading and writing to communicate in a logical, natural, and personalized way.

Prerequisite: FRCH& 122 or placement test.

FRCH& 221 - French IV (5)

Continuation of FRCH 123. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: FRCH& 123 or placement test.

FRCH& 222 - French V (5)

Continuation of FRCH 221. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: FRCH& 221 or placement test.

FRCH& 223 - French VI (5)

Continuation of FRCH 222. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: FRCH& 222 or placement test.

FSA - Fire Service Administration

FSA 206 - Fire Dept Customer Serv (2.5)

History of the fire service, traditions, terminology, and the fire service career. Covers fire department organization, equipment and facilities; physical fitness and health. Provides introduction to the accountability system and IMS.

FSA 208 - Fire Service Leadership (4)

Roles and responsibilities of shift commanders and staff officers. Topics include goal setting, delegating, counseling, coaching, problemsolving, decision making, communications and labor relations.

FSA 210 - Fire Service Management (4)

Management theory and practice in relation to roles andresponsibilities of shift commanders and staff officers. Topics include evolution of management, decision-making, planning,organizing, leading and controlling.

FSA 212 - Fire Service Admin (4)

Concepts, examples and practice of political and legal issues, hiring practices, forms of local government and revenue sources, intergovern-mental relations, information management, and planning and budgeting.

FSA 214 - Fire Service Law (3)

Presents firefighters and emergency medical technicians legal respons-ibilities in driving, inspecting, emergency operations, communications, fire prevention, ambulance services and other activities, Covers employee and member's rights, duties, liabilities and participation inpreparation for presentation in court.

FSA 216 - Fire Dept Organization (3)

An overview of fire protection including career opportunities, history; organization and function in public and private sectors; fire loss analysis; laws and regulations affecting the fire service; basic fire chemistry and physics.

FSM - Fire Service Management

FSM 218 - Fire Officer I (9)

The crucial building blocks in developing the proper mindset for the fire officer and how this perspective influences his/her operational effectiveness as an emergency services supervisor. The importance of the first-line supervisor being a personal team developer for tasks and challenges that relate to organizational enhancement. In addition to being responsible for suppression operations on the fire ground, the fire officer also plays a key role in the fire cause determination process, evidence preservation, and fire scene security.

FSM 220 - Fire Officer II (8)

Overview of governmental regulations as they relate to a fire service organization and the legal framework under which a fire company operates. Tactical decisions are generally based on preplanned information derived from inspections, hazard identification, and knowledge of building construction features focus attention on the life safety problems that officers and firefighters will encounter.

FSM 222 - Incident Management Ops. (3)

The primary issues that a company or chief officer must consider on a developing incident. Reviewing findings from many major incidents or natural disaster reviews.

FSM 224 - Fire Incident Safety Officer (2)

Firefighter health and safety in fire service operations and activities. Increased health and safety efforts to reduce line-of-duty death and injury, long-term disability, and improve firefighter morale and quality of life. Emphasis on risk management techniques, safety laws, codes and standards. Health and training issues, incident and accident prevention, and incident or accident investigation and analysis.

FSM 226 - Intro to Emergency Mngmt (4)

Provides an overview of historical and current emergency management preparedness and response practices, including the function and coordination of local, state, and federal agencies, organizations and systems.

FSM 228 - Emergency Planning (3)

Provides the basic knowledge to develop, implement and maintain emergency operations plans and procedures and an overview of stake- holders involved such as fire and law enforcement, first responders, business, government and non-profit and volunteer groups.

GED - GED Preparation

GED 90 - GED Prep/Math Reasoning (5)

Focus on mathematical reasoning within quantitative problem solving in measurement, algebraic problem solving with expressions and equations, and algebraic problem solving with graphs and functions. This course is only for students who are interested in preparing for their mathematical reasoning test for the GED. Not eligible for credit toward a high school diploma.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

GED 91 - GED Prep/SocStudies&LangArts (5)

Focus on language arts and social studies focusing on analyzing and creating text features and technique; using evidence to understand, analyze, and create arguments; apply knowledge of English language, conventions and usage; analyze and create text features in a social studies context; apply social studies concepts to analysis and construction of arguments; reason quantitatively and interpret data in social studies context. This course is only for students who are interested in preparing for their language arts and social studies tests for the GED. Not eligible for credit toward a high school diploma.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

GED 92 - GED Prep for Science (5)

Focus on language arts and science focusing on analyzing and creating text features and technique; using evidence to understand, analyze, and create arguments; apply knowledge of English language, conventions and usage; analyze scientific and technical arguments, evidence, and text-based information; apply scientific processes and procedural concepts; reason quantitatively and interpret data in scientific context. This course is only for students who are interested in preparing for language arts and science tests for the GED. Not eligible for credit toward a high school diploma.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

GEOG - Geography

GEOG 101 - Introduction to Geography (5)

General introduction to the physical and cultural processes and features of different world regions. Study of various regions in terms of physical and cultural elements to demonstrate contrasting uses of the physical environment around the world.

GEOG 102 - World Regional Geography (5)

Globalization and diversity of the major geographical regions of the world. A study of cultural coherence and diversity, population and settlement, geopolitical framework, environmental geography, and economic and social development of each region. Major regions of study include former Soviet Union, Europe, Asia (east, southeast, south and southwest), Africa, North and South America.

GEOG 200 - Economic Geography (5)

Survey of the distribution of industrial, agricultural, resource extraction, and consumption activities of the world. A study of the local, national, and international economic relationships and spatial organization of such.

GEOG 201 - Cultural Geography (5)

Study of the interrelationship between cultural or human factors and physical environment in different world regions; research of such cultural factors as religion, language, political systems, economic activity, human migrations, settlement patterns, population factors, and present environmental concerns.

GEOG 205 - Physical Geography (5)

A comprehensive study of all systems that comprise physical geography. Survey of physical features of the natural environment and their control, formation, and distribution, including: atmosphere and climate, water bodies, soils, vegetation, the earthÂ¿s composition, and landforms. Course will utilize a broad variety of computer and geographic skills in interpreting physical geography with spatial analysis, cartography, remote sensing, global positioning systems, and geographic information systems. Students will be exposed to a wide variety of geographic projects and design through lab assignments. Students will conduct primary research studying saltwater and freshwater environments on field trips across the Puget Sound from the Lower Elwha River to Orcas Island (sites vary by quarter). Computer Literacy 101 is recommended.

GEOG 299 - Special Projects (1-5)

Independent study and research in geography. Prerequisite: Permission of instructor.

GEOL - Geology

GEOL 102 - Intro to Geological Science I (5)

Introduction to geologic processes, emphasizing composition and structure of Earth. The dynamic nature of Earth's crust, mantle, and core. The forces that have shaped Earth: earthquakes, volcanoes, plate tectonics and mountain building. Laboratory projects stress hands-on experiments and field experiences.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL 104 - Intro to Geol Science II (5)

Introduction to the dynamic geologic processes responsible for shaping EarthÂ¿s surface. Emphasis on the forces that shape EarthÂ¿s surface features: rivers, glaciers, groundwater, oceans, and deserts. How humans interact with Earth: geologic hazards, environmental geology and resource management. Laboratory projects stress hands-on experiments and field experiences.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL 105 - Dinosaurs & Extinctions (5)

The Era of Dinosaur evolution and extinction. Emphasizes observation and interpretation techniques used to infer past geological conditions and events. Topics include fossilization, evolution, geologic time, extinction hypotheses, and dinosaur classification and anatomy.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL 106 - Survey of Earth Science (5)

Study of Earth as a diverse system of interrelated processes. The origin and nature of EarthÂ¿s surface, interior, oceans, atmosphere, and surrounding space. Emphasis on the interactions between humans and Earth. Laboratory projects stress hands-on experiments and field experiences.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL 107 - Earth Sci for Everybody (5)

Hands-on exploration of the Earth and the processes that shape its landscape. For non-science majors. Highly recommended for elementary educaiton majors.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL 108 - Geological Natural Disasters (5)

The underlying geologic processes that cause natural hazards and disasters such as earthquakes, volcanic eruptions, tsunami, floods, and landslides. How humans evaluate and confront the dangers posed by these natural processes. Monitoring, predicting, and mitigating natural hazards and impending disasters.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL 190 - Geoscience Field Exploration (1-5)

Field trips to localities of geologic interest in the western United States. Emphasis on use of geologic principles to interpret field evidence found in landscapes and rocks. May be repeated two times for credit.

Prerequisite: Eligibility for ENGL& 101.

GEOL 299 - Special Projects (1-5)

GEOL-Geology-CCN

GEOL& 103 - Historical Geology (5)

Introduction to the geologic history of Earth, emphasizing North America and the Pacific Northwest. Topics include plate tectonics, colliding and rifting of the continents, reconstruction of past environments, and the origin and evolution of life. Laboratory projects stress hands-on experiments and field experiences

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL& 110 - Environmental Geology (5)

Exploration of the relationships and interactions between humans and Earth. Survey and evaluation of EarthÂ¿s hazardous processes, such as earthquakes, volcanoes, floods, and landslides. The origin and nature of EarthÂ¿s geologic resources. The environmental implications of extracting and using EarthÂ¿s resources. Laboratory projects stress hands-on experiments and field experiences

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GEOL& 208 - Geology of Pacific NW (5)

Geologic history of Washington, Oregon, and Idaho. Emphasis on use of geologic principles to interpret field evidence found in landscapes and rocks. Weekly field trips to local areas of geologic interest. Optional weekend field trips.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

GERM - German

GERM 199 - Special Projects (1-5)
GERM 299 - Special Projects (1-5)

Independent study by special arrangement with instructor. Prerequisite: German 103 or placement by language instructor.

GERM 888 - Transferred-In Course (1-10)

GERM-German-CCN

GERM& 121 - German I (5)

First in a sequence of courses to practice functional elements of German pronunciation, grammar and culture in the context of

practical conversational German. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

GERM& 122 - German II (5)

Second in a sequence of courses to practice functional elements of German pronunciation, grammar and culture in the context of practical conversational German. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: GERM& 121 or placement test.

GERM& 123 - German III (5)

Third in a sequence of courses to practice functional elements of German pronunciation, grammar and culture in the context of practical conversational German. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: GERM& 122 or placement test.

GERM& 221 - German IV (5)

Continuation of GERM 123. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: GERM& 123 or placement test.

GERM& 222 - German V (5)

Continuation of GERM 221. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: GERM& 221 or placement test.

GERM& 223 - German VI (5)

Continuation of GERM 222. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: GERM& 222 or placement test.

GRAPH - Graphics

GRAPH 110 - Digital Design Tools/Vis Comm (5)

Fundamental skills in digital technology and effective application of visual design. Introduction to visual communication and problem solving experience in the ideation, research, execution and presentation of projects. Recognition of cultural implications of digital creation, appropriation, and distribution. Required course for Graphics ATAs and Studio Art or Photography AFAs. Course part of specialized articulation with WSU Everett's Integrated Strategic Communication program.

GRAPH 113 - Graphic Design Typography (5)

Study of design concepts introducing formal compositional issues, including layout design with typography. Focuses on letter-form as image and the relationship between visual and verbal language. Type terminology, technical hierarchy and scale are addressed.

Prerequisite: GRAPH 110.

GRAPH 115 - Infographic Design (5)

Create symbols, icons, maps, charts, diagrams, interactive and motion graphics that blend typography, audio and graphic

design. Emphasis is on informative graphics that can be shared in print and across Internet and media platforms.

Prerequisite: GRAPH 110.

GRAPH 118 - Graphic Design Process (5)

Introduction to a three-step creative problem solving process to explore the development of new ideas in graphic design. Exploring design problems (Inquire), developing ideas (Ideate) and producing graphical products (Implement.) Creation of visual tools to track the creative process from idea through construction and then to post-production analysis using discussions, critiques, course exercises, and visual logs.

Prerequisite: GRAPH 110.

GRAPH 120 - History of Graphic Design (5)

Survey of graphic design history through slide lectures and integrated design projects. Provides an overview of the origins of visual and written communication, the development of graphic design and its evolution through international, social, political, and technological developments since 1450. Emphasis on printed work from 1880 to 1990 and new media design to the present day.

GRAPH 130 - Coding for Web Design (5)

Beginning course in web page construction. Students develop skill in the use of HTML coding to structure a page and the use of CSS to style the page.

Prerequisite: GRAPH 110.

GRAPH 172 - Visual Digital Tools (5)

Fundamental skills in digital applications of digital technology used in visual arts including creation, manipulation and editing. Development of skills in asset management, workflow techniques, digital documentation and presentation. Recognition of cultural implications of digital creation, appropriation, and distribution. Required course for Graphics, Studio Art or Photography Majors.

GRAPH 201 - Advertising Design (5)

Fundamentals of advertising design, the breakdown of roles within an advertising agency, and the function of the advertising designer relative to this hierarchy. Emphasis placed on accurate communication of the advertiser's message through development of concepts, words and visuals that reflect strategy, positioning and brand personality.

Prerequisite: GRAPH 113 with a grade of C or higher.

GRAPH 202 - Packaging Design (5)

Introductory course in designing and identifying graphic communication for packaging structures. Use of pre-made templates with an emphasis on the creation of original package design, examining their structures and then using type, color and images on prototypes in three dimensions. Experimentation with different materials is explored while addressing the client's brief and the design rationale, being conscious of the target market, point of sale and project budget.

Prerequisite: Completion of GRAPH 113 with a C or higher.

GRAPH 213 - Brand Identity Design (5)

Create two identity systems: one for a traditional company and one for a socially constructive campaign. While a traditional system is defined as a logo and a set of rules for that logo's application, the goal of this class is to expand upon the ways a brand identity can be expressed through the manipulation of language, materials, and audience expectation/participation.

Prerequisite: Completion of GRAPH 113 with a C or higher.

GRAPH 231 - Advanced Typography (5)

Advanced typography skills including the history and foundation of letterforms. Emphasis on the placement of display and type in a formatted space and the relationships between the appearance and readability of letterforms. Students work in a traditional context of hand rendering type and are introduced to contemporary technology setting type in page layout software.

Prerequisite: Completion of GRAPH 113 with a C or higher.

GRAPH 240 - Graphic Design for the Web (5)

Principles of graphic design as applied to website design. Use of tools necessary to create websites that are strategic, interactive, energetic and visually imaginative. This course covers the latest methods of website design, development, and production including standards-based HTML, CSS, and media integration. Students will learn the most current techniques for planning, designing, building and testing a fully functional website from start to finish.

Prerequisite: GRAPH 130 with a grade of C or higher, or concurrent enrollment.

GRAPH 242 - Content Management Systems (5)

Installation, customization, and management of a content management system website. Covers working with CSS, integrating media queries, incorporating screen optimized graphics, vital plugins for site enhancements, and search engine optimization.

Prerequisite: Completion of GRAPH 240 with a C or higher.

GRAPH 252 - Booklab (5)

An examination of the form and design of the printed book, the book cover and eBooks. The primary project is the annual publication of Vibrations Magazine. This course will examine the environment surrounding books and reading: the bookshelf, the library, the bookstore, and the Internet.

Prerequisite: Completion of GRAPH 113 with a C or higher.

GRAPH 271 - Dynamic Media Design (5)

Fundamentals of creating interactive prototypes through directed exercises using applications and the open source language processing. Applications include developing interactive graphics, mock-ups and rapid prototypes that address multiple users in a variety of scenarios

Prerequisite: Completion of GRAPH 115 with a C or higher.

GRAPH 292 - Bus Practices Graph Design (2)

An in-depth study of the business aspects of the graphic design profession. Common design problems are emphasized, including pricing, estimates, invoices, client relations and professional business conduct. Class uses lectures, demonstrations, research and studio work

GRAPH 297 - Poetry NW Graphics Intrn (2-5)

Supervised professional work experience as an intern for Poetry Northwest, a literary magazine with international distribution. Students gain practical experience in all aspects of layout and production of a print magazine and development of eReader and interactive web versions. Must have completed most of the required coursework for a graphics degree. Performance will be evaluated by the graphics instructor in conjunction with the editor of Poetry Northwest.

GRAPH 299 - Special Projects (1-5)

For advanced students working on special projects other than those included in regular graphic arts curriculum.

GS - Global Studies

GS 101 - Introduction to Global Studies (5)

Introduction to contemporary global issues, drawing on the integrated knowledge and methodologies of multiple disciplines. Topics include population growth, food and water insecurities, environmental impacts, patterns of consumption, the fate of indigenous peoples, global health, and civic activism. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

GS 105 - Global Issues Through Film (5)

Examination of contemporary global issues, drawing on films beyond the Hollywood perspective. Topics include the global economy and capitalism, scarcity and distribution of natural resources, global health issues, natural disasters and their effects, and religious/ethnic oppression and conflicts. Films and readings focus on and mostly originate from local and/or native perspectives around the world. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

GS 185 - Introduction to Latin America (5)

Introduction to the cultures and societies of Latin America, including selected countries' arts, customs, languages, literature, film, music, peoples and traditions.

Prerequisite: Eligibility for ENGL& 101.

GS 186 - Pacific Island Cultures (5)

Students explore the cultures of the Pacific Islands (also called Oceania). Examines the social issues that impact these island countries in Melanesia, Polynesia, and Micronesia, including struggles for cultural survival, environmental degradation, the effects of tourism, and migration of populations. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

GS 187 - Intro. to the Middle East (5)

With the increased involvement of America in Middle East regions and inflowing groups of diverse immigrants to this country, we are being exposed to Middle East cultures through ethnic diversity, politics, media, business, management, and especially academia. This course is an introduction and survey of Middle East cultures. Covers major issues such as history, religion, women's rights, language, and politics.

Prerequisite: Eligibility for ENGL& 101.

GS 188 - Introduction to China (5)

Introduction to the people, places, events and issues shaping the People's Republic of China today, and the future direction of America-China relations. Students will discover the history of the PRC as it relates to their own history, explore the meaning of civilization and discover their opportunities for personal application in a global society. Political, economic and social vectors which influence the PRC and how those same forces impact students' lives. Students will interact with leaders in America-China relations in Snohomish County, Washington State and the nation.

Prerequisite: Eligibility for ENGL& 101.

GS 299 - Special Project (1-5)

HCM - Healthcare Management

HCM 101 - Intro to Healthcare Careers (3)

Overview of clinical and administrative healthcare careers, job roles and duties, salary ranges, required education, and job availability.

HCM 103 - Intro to Admin Medical Office (3)

Introduction to the elements and requirements of medical office administrative programs. Use of program tools and computer fundamentals are covered. Exploration of student success measures and educational and career opportunities as they relate to medical office administrative careers. Introduction to the wide range of healthcare careers and the role of each in development of a cohesive medical care team. Equivalent to MC103. Credit cannot be earned in both HCM103 and MC103.

HCM 107 - Span Essentials for Healthcare (5)

Designed to assist non-Spanish speakers in communicating with Spanish speakers at a basic level in the healthcare setting in order to provide comfort and assess basic needs. Review and practice Spanish words as they apply to the healthcare setting. Includes a survey of cultural implications found in an introductory or triage setting.

HCM 120 - Healthcare Vocabulary (5)

Study of healthcare vocabulary used in medical coding, medical billing, and other medical office administrative programs. Course includes spelling, pronunciation, meaning, medical word formation, common medical abbreviations, formation of plurals, diagnostic and lab tests. The course focuses on the administrative application of principles learned. Introduction to the use of the medical record as a source document for abstracting terms necessary to perform medical coding and other administrative functions by healthcare professionals. Equivalent to MC120. Credit cannot be earned in both HCM120 and MC120.

HCM 128 - Medical Coding for Non-Coders (5)

Introduction to the common coding classification systems used in healthcare. Examine the impact and relationship between medical coding and reimbursement. This course is not intended for students in the Medical Coding Certificate or Medical Billing and Coding ATA programs.

Prerequisite: MC 120.

HCM 137 - Structure/Function Human Body (5)

Study of the structure and function of the healthy human body utilizing a system approach. Emphasis is placed on the gross and microscopic anatomy as well as the physiology of the cell, skeletal system, muscular system, nervous system, cardiovascular, respiratory, urinary, reproductive, endocrine, and digestive systems. Includes a full body system review that links structure and function to the process of interpreting clinical documentation for medical code assignment. This is a non-lab-based course. No prior knowledge of biology or chemistry is required. Equivalent to MC137. Credit cannot be earned in both HCM137 and MC137.

HCM 143 - Pathophysiology & Pharmacology (5)

A combination of pathophysiology and pharmacology; emphasizes disease processes affecting the human body through an integrated approach to specific disease entities, including the study of causes, diagnosis and treatment of disease, as well as the action of drugs, including absorption, distribution, metabolism, and excretion by the body. Pathophysiology and pharmacology content emphasizes understanding of the clinical knowledge to enhance the professional communication in healthcare environments. Equivalent to MC 143. Credit cannot be earned in both HCM 143 and MC 143.

Prerequisite: HCM 120 or MC 120 or HCM 137 or MC 137, with a grade of C or higher.

HCM 180 - Principles of Med Insurance (5)

Introduction of the medical billing cycle. Explanation of private and government health insurance policies, analysis of insurance forms, and recognition of legal issues and medical confidentiality (HIPAA). Introduction to patient authorization, consent, patient ledger, and claim forms. Use a practice management system to register patients, bill insurance, and monitor payments through the patient ledger.

HCM 181 - Law/Ethics Healthcare Occup (5)

Introduction to law and ethics as it relates to the medical office setting and patient-provider relationships. Emphasizes being inclusive instead of exclusive while exploring components of social justice and cultural diversity in the ambulatory health care setting. Topics include bioethics, professional liability, public duties, informed consent, employment practices, allocation of scarce medical resources, genetic engineering, and choices in life and death.

HCM 182 - Medical Reception (5)

Preparation to perform medical front office duties including being HIPAA compliant, scheduling appointments, communicating with patients with various abilities and with healthcare professionals, monitoring release of patient information, recognizing safety hazards, and creating welcoming office environments.

HCM 187 - Electronic Health Records (5)

How personal health information is captured, used, stored, and retrieved on paper, hybrid, and electronic formats. Focus on the workflow, record types, and regulatory standards. Students will gain hands-on experience with an electronic health record.

Prerequisite: HCM 182, MC 120.

HCM 206 - Intro to Healthcare Risk Mgmt (5)

Introduction to the concept of risk management in the healthcare setting, including a historical perspective on the development of healthcare risk management, the role of a risk manager, and compliance with federal and local agencies in various healthcare settings.

Prerequisite: Eligibility for ENGL& 101 or concurrent enrollment in ENGL 98.

HCM 207 - Law/Healthcare/Patient Safety (5)

Overview of applicable federal, state and local health and safety laws relevant to the practice of healthcare risk management and patient safety, including occupational and environmental risk exposures, accident prevention, and emergency management.

Prerequisite: Eligibility for ENGL& 101 or concurrent enrollment in ENGL 98.

HCM 208 - Healthcare Risk Mgmt/Liability (5)

Overview of the principles of malpractice and liability insurance, the conduct of malpractice litigation, and the settlement of malpractice claims. Course will provide students with information on accurate documentation in the medical record and an introduction to the emerging liabilities facing healthcare organizations.

Prerequisite: Eligibility for ENGL& 101 or concurrent enrollment in ENGL 98.

H DEV - Human Development

H DEV 102 - Transferred-In Course (1.5)
H DEV 105 - Overcoming Math Anxiety (2)

Helps students confront math anxiety and develop coping strategies in order to be more successful in mathematics courses.

H DEV 110 - Career and Life Planning (3)

Examination of personal career possibilities in the world of work. Activities focus on self-assessment through testing, values

clarification, occupational surveys, and identification of strengths. Resume writing and job interviewing skills may be covered. Class composition and need determine which areas instructor emphasizes.

H DEV 155 - Hum Relations in the Workplace (3)

Principles and techniques for building and maintaining successful relations with co-workers, supervisors, and employees. Includes job beginnings, goal setting, leadership styles, self-motivation, effective communication, and conflict management. This course meets the college criteria for fulfillment of the Human Relations requirement in professional/technical programs.

H DEV 156 - Stress Management (2)

Helps students become more aware of the sources of stress in their lives, the consequences of stress for the way they think, feel, and act, and methods of reducing and coping with stress.

H DEV 199 - Special Projects (1-5)

Independent study and research in Human Development.

H DEV 201 - Live & Work in Diverse Society (5)

Introduction to building and developing skills for living and working within a diverse society. Focus on understanding multiple cultural traditions and values as well as learning interaction skills across cultures. Topics and concepts such as race, ethnicity, age, gender, social class, religion, abilities and sexual orientation are explored in the class.

Prerequisite: Eligibility for ENGL& 101.

HIST - History

HIST 100 - Ancient and Medieval Worlds (5)

Development of human endeavors from prehistoric time to the late Middle Ages. Emphasis on the cultural, social, political and economic aspects of the great civilizations of this period.

HIST 103 - History of World Civilizations (5)

General introduction to world history, emphasizing understanding and respect for diverse cultures and tracing the broad themes of historical change from a variety of perspectives, including social organization, culture, technologies, art, religion, and spiritual values.

HIST 111 - Western Civilization to 1648 (5)

Survey of the history of the Ancient Near East, Mediterranean civilizations, and ancient and early modern Europe from the Stone Age through the Thirty Years' War. Major developments in politics, technology, philosophy, religion and the arts. Topics include ancient Sumer and Egypt, Israel, Greece, Rome, the Middle Ages, the Renaissance, the Reformation, the voyages of discovery, and the national monarchies. Credit cannot be earned in both HIST 100 and 111.

HIST 112 - Western Civ 1648 to Present (5)

Survey of the history of early modern and modern European civilization from the Thirty Years' War to the present. Major developments in politics, technology, philosophy, religion, and the arts. Topics include national monarchies, the Enlightenment, the American and French Revolutions, Napoleon, the Industrial Revolution, nationalism, socialism, imperialism, the world wars, Hitler and Stalin, the Cold War, and industrial democracy.

HIST 170 - Multicultural American History (5)

Examines 400 years of American ethnic diversity, beginning with Native Americans and the first African and European 'foreigners' arriving in the Colonial era to the diverse makeup that characterizes life in the United States today.

HIST 199 - Special Projects in History (1-5)
HIST 210 - The VIetnam War (5)

A survey of the history of the war in Vietnam from 1945 to 1975 and the conflict's postwar impact on Vietnam and the United States.

HIST 217 - History of Technology (5)

Survey of the history of technology, tracing interaction between technological innovation and historical and social change. Issues of technology and social justice. Focus on the passage from one technological age to the next and the consequences of this change on humans, the environment, and a global community. Assessing historical arguments surrounding technological innovation as progress or disaster. Perspectives on technological change and inequality, national identity, communication and social control, and the integrity of political institutions.

Prerequisite: Eligibility for ENGL& 101.

HIST 299 - Special Projects (1-5)

Independent study and research in history. Prerequisite: Permission of instructor.

HIST-History-CCN

HIST& 146 - U.S. History I (5)

First of a three-part survey of American history. A chronological and thematic study of U.S. History from pre-contact through the 1820s.

HIST& 147 - U.S. History II (5)

Second of a three-part survey of American history. A chronological and thematic study of U.S. History from the 1830s through 1919.

HIST& 148 - U.S. History III (5)

Third of a three-part survey of American history. A chronological and thematic study of U.S. History from 1920 on.

HIST& 214 - Pacific Northwest History (5)

A history of the Pacific Northwest, including but not limited to Washington, Oregon, and Idaho. Topics include economic, political, and cultural developments; interactions between diverse peoples and their environment; regional identity, migration, and the interconnection of regional, national, and global circumstances.

HIST& 215 - Women In U.S. History (5)

Introductory survey of Women in U.S. History from pre-colonial times to the present. Explores womenÂ¿s experiences in U.S. History and the ways that women shaped each time period. Examines the ways that race, ethnicity, sexuality, religion, and socioeconomic status shaped societal definitions of what it meant to be a woman. In addition, analyzes and interprets the ways diverse groups of women navigated, exposed, and challenged gender definitions and roles, as well as social and legal gains via reform efforts and social justice campaigns.

Prerequisite: Eligibility for ENGL& 101.

HLTH - Health Science

HLTH 100 - Medical Terminology (5)

Study of medical terminology, relating terms to the anatomy and physiology of the body. Designed for students working toward proficiency in medical language as well as for students entering various healthcare professions.

Prerequisite: Eligibility for ENGL 98.

HLTH 102 - Applied A & P (5)

Emphasizes the relationship between the structures of the human body, related functions, and clinical applications in both healthy and unhealthy states. Concepts of homeostasis will be explored, along with the consequences to the human body when homeostasis is disrupted. Familiarity with medical terminology is desired. No prior knowledge of biology or chemistry is required.

Prerequisite: Eligibility for ENGL& 101.

HLTH 109 - First Aid & Basic Life Support (1)

Training and certification in American Heart Association (AHA) Basic Life Support (BLS) for adults, children, and infants including Cardiopulmonary Resuscitation (CPR), use of an Automated External Defibrillator (AED), clearing of an airway, and rescue breathing. First Aid will focus on life threatening situations and conditions and includes, but is not limited to, control of bleeding, shock management, diabetic and environmental emergencies, and physical assessment of the victim.

HLTH 130 - Disease & Pathology (4)

Overview of the disease processes of major conditions, including infectious diseases, major neoplastic conditions and major congenital diseases. The focus is on human diseases that are first diagnosed in the clinical setting. The etiology, signs and symptoms, diagnosis, treatment and prognosis of each disease are studied. Primary prevention of the disease is also discussed.

Prerequisite: HLTH 102, or BIOL& 231 and 232 or equivalent, each with a grade of C or higher.

HLTH 135 - Admin Skills: OfficeManagemnt (4)

General medical office management, including medical records management, mail processing, scheduling appointments, managing the physicianÂ¿s professional schedule, developing office policies and procedures, and providing information to patients related to community resources and health education.

Prerequisite: Eligibility for ENGL& 101, and MATH 76 or TS 76 or higher, each with a grade of C or higher.

HLTH 136 - Admin Skills: Practice Finance (4)

All aspects of medical practice finances, including bookkeeping systems, third-party billing, coding systems, accounting and banking procedures, and employee payroll. Management of medical practice finances integral to an ambulatory care facility.

Prerequisite: Eligibility for ENGL& 101, and MATH 76 or TS 76 or higher, each with a grade of C or higher.

HLTH 150 - Intercultural Comm in Hlthcare (5)

Introduction to effective interpersonal intercultural communication techniques as they apply in a healthcare setting. Focuses on the roles of verbal and non-verbal codes in the development of interpersonal intercultural relationships, explains cultural competence and its implications within the healthcare delivery system, discusses obstacles to intercultural communication, examines role behaviors and attitudes regarding healthcare and describes communication with people who have altered health states.

Prerequisite: Eligibility for ENGL& 101, and eligibility for MATH 86 or TS 86 or higher.

HLTH 160 - Medical Interpreting-Spanish (5)

Provides a framework for understanding the role of the professional Spanish/English medical interpreter which includes medical interpreting standards of practice, ethics, and cultural advocacy. Skill development includes a range of interpreting tasks as well as medical vocabulary, phraseology, and expressions necessary to interpret the most common medical signs, symptoms, and treatment-related terminology used during patient-provider interactions.

Prerequisite: HLTH 100 with a grade of C or higher, or concurrent enrollment.

HLTH 205 - Medical Law and Ethics (4)

Designed to incorporate the principles of critical thinking, the course will focus on pertinent laws at the federal and state levels, examining their application to the clinical practice including: Confidentiality, HIPAA regulations, release of patient information, licensure, medical malpractice, and risk management. Examination of current bioethical issues and their impact on the practice of medicine.

Prerequisite: Completion of ENGL 98 or ENGL& 101, and MATH 76 or TS 76 or higher, each with a grade of C or higher.

HLTH 210 - Principles of Pharmacology (4)

Addresses the forms and classifications of medications, drug actions and uses, the effects of drugs on the body systems and possible side effects of medications. Important aspects of patient safety, pharmacodynamics and medication reactions are studied. Evaluates and addresses issues in educating patients, including age, gender, disease processes and psychosocial and cultural influences. Emphasis on the fifty most commonly prescribed drugs. Twenty hours of simulated clinical practice will be provided.

Prerequisite: Completion of ENGL 98 or ENGL& 101, and MATH 76 or TS 76 or higher, each with a grade of C or higher.

HLTH 220 - Phlebotomy Tech Training (5)

Preparation for national phlebotomy certification examinations. Designed for those with no prior knowledge of phlebotomy procedures. Includes advanced cardiovascular anatomy and physiology, therapeutic communication, healthcare professionalism, ethical considerations, phlebotomy techniques, quality assurance, and medical laboratory information. All procedures developed from the Clinical Laboratory Standards Institute.

HLTH 221 - Phlebotomy Tech Pract (4)

Preparation for national Phlebotomy certification examinations. Practicum allows students to integrate phlebotomy skills, quality assurance, and relevant medical laboratory knowledge into the care of patients. Includes 120 hour unpaid clinical externship at area hospitals or clinics as arranged by instructor.

HLTH 231 - Clinical Skills - Surgical (4)

Develops the skills needed to perform the duties of the medical assistant. Areas include sterile techniques, OSHA requirements, equipment preparation, identification and sterilization, pre-surgical procedures, decontamination after surgery, wound care management, orthopedic and rehabilitation needs, assisting with minor office procedures, radiologic and diagnostic imaging procedures, and preparation for patient education. Instructor permission required to repeat course; Course may be repeated one time for credit.

Prerequisite: Completion of HLTH 135 or HLTH 136 with a grade of C or higher, and eligibility for ENGL& 101, and eligibility for MATH/TS 86 or higher.

HLTH 232 - Clinical Laboratory Skills (4)

Develops the skills needed to perform duties of a medical assistant in the laboratory of a general outpatient medical practice. Concepts of laboratory safety, quality assurance, microbiological features of various pathogenic and nonpathogenic microbes, transmission-based precautions, laboratory techniques for specimen collection, specimen handling and processing. Skills and techniques utilized to support and enhance the physician's diagnostic procedures and treatment options. Develops critical thinking skills through participation in simulated laboratory exercises, simulated patient care via written formats and simulated laboratory results evaluation and processing. Instructor permission required. Immunizations required. Instructor permission required to repeat course; Course may be repeated once for credit.

Prerequisite: HLTH 135 or HLTH 136 with a grade C or higher, and eligibility for ENGL& 101, and eligibility for MATH/TS 86 or higher.

HLTH 241 - Medication Administration (4)

Emphasizes the methods and procedures used for calculating, preparing and administering medications to patients across the lifespan. Addresses safety regulations and procedures as well as the legal and administrative responsibilities involved in prescribing, dispensing and administering medications.

Prerequisite: HLTH 241, HLTH 242 and HLTH 243 must be taken concurrently.

HLTH 242 - Principles of Phlebotomy (4)

Psychomotor instruction in phlebotomy procedures and techniques for students with no prior experience in drawing blood for diagnostic testing. Documentation, various laboratory tests, quality control and safety rules regarding lab equipment and chemicals are covered. May be repeated one time for credit.

Prerequisite: HLTH 241, HLTH 242 and HLTH 243 must be taken concurrently.

HLTH 243 - Clinical Skills - Ambulatory (5)

Focus on medical assisting concepts of professionalism, therapeutic communication, patient care, equipment and diagnostic procedures utilized during examinations to assist the licensed medical provider. Clinical skills include vital signs, cardiopulmonary exams, vision and hearing screening exams, preventative healthcare coaching and maternal/pediatric care. Twenty hours of simulated clinical practice will be provided.

Prerequisite: HLTH 241, HLTH 242 and HLTH 243 must be taken concurrently.

HLTH 251 - Clinical Practicum (6)

Provides students a safe, supervised clinical work experience, in an outpatient ambulatory setting, in which to apply didactic theories. The practicum experience provides students an opportunity to put into practice their administrative and clinical skills, to foster professional growth and self-confidence in the role of a Medical Assistant. Students are also provided an opportunity to discuss professional concerns, events, and activities that pertain to Medical Assisting. Weekly seminar topics will be chosen. 160 clinical hours. Instructor permission required to repeat course.

Prerequisite: Completion of all Medical Assisting courses with a C or higher, and instructor permission.

HLTH 299 - Special Projects (6)

Course designed for special project for Phlebotomy students.

HLTH 80 - HIV/AIDS Training (0.7)

Satisfies the mandatory 7-hour HIV/AIDS educational requirement of the State of Washington for health care professionals. Topics include transmission, disease process, and current treatment options for HIV/AIDS. Testing and counseling guidelines and requirements are also discussed. Additionally, legal, ethical, and psychosocial issues are addressed.

HP - Health Professions

HP 101 - Coll Success for Health Prof (2)

Introduction to the functions, responsibilities and professional characteristics needed in healthcare disciplines involved in direct patient care. Development of academic, personal skills and attitudes to promote success in college study. Investigates cognitive processes needed by healthcare professionals. Explores the unique requirements for on-boarding prospective students in most healthcare careers. Satisfies College Success requirement for certificate or degree-seeking students.

HUM - Humanities

HUM 110 - Intro to Amer Cultural Studies (5)

An interdisciplinary introduction to American Cultural Studies as an analysis of issues, concepts and theories of the

Americanization process and American cultural values. Topics such as race, ethnicity, social class, privilege, gender and religious beliefs are explored through history, literature, sociology, art and communication.

Prerequisite: Eligibility for ENGL& 101.

HUM 125 - Negotiating Nature (3-5)

Investigation of the concepts of nature and wilderness in America through the lens of those disciplines, such as history, art, music, philosophy and literature, that employ interpretive, non-quantitative methodologies to probe and express the human condition.

HUM 150 - Surviving The Holocaust (5)

Written, filmed, and live testimony of Holocaust survivors considered from the perspectives of literature, history, sociology, psychology, art, film, philosophy, and theology.

Prerequisite: Eligibility for ENGL& 101.

HUM 160 - Japanese History & Culture (5)

Analysis of the historical development of Japan and its effects on modern-day Japanese society, as well as the study of Japanese values and behaviors, to better understand communication styles, social and business relations and management styles.

Prerequisite: Eligibility for ENGL& 101.

HUM 166 - Germany In Transition (5)

Survey of past and modern German cultures, concentrating on major periods in literature, language, politics, art, architecture, religion, film and music. Focuses on the increasingly multi-ethnic population of Germany, its position and future in the European Union and its relationship to the global community.

HUM 175 - Modern Italian History/Culture (5)

Survey of modern Italy, beginning with its unification, Il Risorgimento in 1860, through the country's evolution from a ravaged, post-war agrarian society into one of the leading industrialized countries in the Western World. Other topics will include Italian fascism, Mussolini, political structure, separation of church and state, economic recovery, social transformation in the 1950s and 1960s, terrorism, organized crime, Italy's low birth rate and aging population, and recent waves of immigration. Overview of Italy's historical, cultural, political, and social characteristics.

Prerequisite: Eligibility for ENGL& 101.

HUM 180 - Intro Latinos In the U.S. (5)

Introduction to the history, culture, and socio-economic development of Latino communities in the U.S. Specifically, the course will examine the communities of Cuban, Mexican, and Puerto Rican origin as well as post-1965 immigrant populations from various sending areas of the Americas. Through the study of history, current events and literature, students will be able to articulate the diversity within the largest ethnic group in the United States as well as the dominant themes that characterize the lives of U.S. Latinos.

Prerequisite: Eligibility for ENGL& 101.

HUM 184 - Humanities Showcase (1-2)

Allows students to showcase their creative work in the Humanities at an EvCC Humanities conference/festival. A maximum of six credits may be earned.

HUM 195 - Honors Seminar (3)

In-depth examination of a selected theme (such as happiness) from an interdisciplinary perspective while emphasizing writing skills, critical thinking, and information literacy. Students will also begin creating a portfolio to showcase their academic

accomplishments as they plan for the future. This course is one of two gateway courses required for admission to the Honors program.

Prerequisite: Eligibility for ENGL& 101.

HUM 196 - Honors Symposium (2)

Focused exploration of a selected annual topic (such as 'Revolutions'), alternating guest faculty presentations from a variety of disciplines with students' round-table discussions and presentations. All guest faculty presentations will be open to the campus community in order to stimulate wider dialogue. Emphasis on critical thinking abilities, written and oral skills, and intellectual collaboration. This course is one of two gateway courses required for admission to the Honors program.

Prerequisite: Eligibility for ENGL& 101.

HUM 197 - Honors: Art/Science Happiness (5)

Introduces the study and pursuit of happiness, integrating theory and research findings from an interdisciplinary and diverse perspective while emphasizing writing skills, critical thinking, and information literacy. Incorporates a focused exploration of a selected annual topic and alternating guest faculty presentations from a variety of disciplines. Foundation course required for completion of the Honors Program.

Prerequisite: Eligibility for ENGL& 101.

HUM 200 - Intro Women/Gender/Sexuality (5)

Interdisciplinary introduction to the study of women, gender, and sexuality approaches from the perspective of both the social sciences and humanities. Promotes critical thinking on the issues of gender, queer, and womenÂ¿s rights, and explores the intersectionality of gender with various categories such as race, class, sexuality, and (dis)ability in understanding the lives and struggles of marginalized groups globally. Topics include gender, intersectionality, power, privilege, sexuality and health, family life and work, economics, religion, globalization, and social change.

Prerequisite: Eligibility for ENGL& 101.

HUM 227 - History of American Comic Book (5)

Introduction to the American comic book, with a focus on the medium's development with the larger context of U.S. history. Topics include comic-book elements, styles, creators, characters, genres and historical periods.

HUM 247 - Intro. to World Religions (5)

Survey of the world's major religions including Islam, Judaism, Christianity, Hinduism, Buddhism, and others. Examination of the beliefs, rituals, experiences, stories, theologies, ethical codes, institutions, and physical manifestations of these religions.

HUM 299 - Special Project (1-5)

HUM-Humanities-CCN

HUM& 101 - Introduction to the Humanities (5)

An interdisciplinary introduction to the Humanities as they raise questions of meaning, value, and significance and probe, transmit, and critique the experiences of humanity. Also explores the Humanities as a primary vehicle of cultural memory. The Humanities are those disciplines, such as history, art, music, philosophy, and literature, that employ interpretive, non-quantitative methodologies to express the human condition in all of its diversity. Emphasizes reading, critical thinking, and writing skills.

Prerequisite: Eligibility for ENGL& 101.

HUM S - Human Services

HUM S 101 - Introduction to Human Services (3)

A survey of the historical and theoretical perspectives of human services. Includes investigation of contemporary issues and discussionsof career and educational opportunities.

HUM S 182 - Service Learning (1-2)

Service Learning combines the opportunity of volunteerism with academic applications of social, economic, and political issues important to the local community. Provides for real-life applications of skills and knowledge that extends learning beyond the classroom and into the community. May be repeated up to six credits.

HUM S 199 - Special Projects (1-5)

Special projects in the Human Services.

IEP - Intensive English Language

IEP 10 - Level 1 Communications (10)

First level of communications for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition within the IELP program. Only for students admitted through the International Programs office.

Prerequisite: Placement by writing assessment into IEP 10, AND Concurrent enrollment in IEP 53.

IEP 20 - Level 2 Communications (10)

Second level of communications for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition within the IELP program. Only for students admitted through the International Programs office.

Prerequisite: Placement by writing assessment into IEP 20 or completion of IEP 10 and IEP 53 with a grade of C or higher, AND concurrent enrollment in IEP 53 or IEP 34.

IEP 30 - Level 3 Communications (10)

English Language Acquisition skills designed to prepare students for transition to college and employability. This course is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 33 - Beginning Grammar (3)

Basic English grammar skills to improve communication in both spoken and written forms. This course is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 34 - Beginning Vocabulary & Reading (3-5)

Designed to improve academic reading skills for non-native speakers of English. Focus on mastery of reading vital information for daily living skills in our community, using resources to build skills, and basic reading strategies. This course is only for students admitted through the International Programs office..

Prerequisite: Enrollment approved for International Students only.

IEP 51 - American Culture (3)

For non-native speakers of English who wish to develop familiarity with American culture. This class is contextualized and

integrates learning English as a Second Language with themes (including but not limited to the US college system, citizenship, contemporary issues in the US, and current events) that will be rotated quarterly and determined by student interest. Only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 53 - English for Specific Purposes (2-5)

Develop familiarity with the language and culture of a specific field of study. Rotate quarterly based upon themes including but not limited to nursing, engineering, business, education, and aviation. Required during the first quarter of study at EvCC and may be repeated based on academic performance.*This course is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 63 - Intensive List/Speak 1 (3)

Designed to prepare non-native English speakers in gaining confidence with speaking and listening in a variety of situations with an emphasis on vocabulary and idiomatic expressions. This class is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 65 - Intensive Listening/Speaking 2 (3)

Designed to prepare non-native English speakers to utilize speaking and listening in a variety of situations with an emphasis on vocabulary and idiomatic expressions with increased fluency and accuracy. This class is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 73 - Intensive Grammar 1 (3)

Basic English grammar for non-native speakers with an emphasis on simple and progressive present, past, and future verb tenses, use of pronouns, singular, plural, and count nouns. Parts of speech, capitalization, and punctuation are also addressed. This class is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 75 - Intensive Grammar 2 (3)

Intermediate English grammar for non-native speakers with an emphasis on verb tenses, sentence structure, and error correction. This course is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 83 - Intensive Reading 1 (5)

Designed to improve academic reading skills for non-native speakers of English. Focus on mastery of reading vital information for daily living skills in our community, using resources to build skills, and basic reading strategies. This class is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 85 - Intensive Reading 2 (5)

Designed to improve academic reading skills for non-native speakers of English. Focus on using reading strategies for successful mastery of comprehension for academic reading, as well as improvement of critical thinking skills. This class is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 93 - Intensive Writing 1 (5)

Designed to improve academic writing skills for non-native speakers of English. This class focuses on basic writing skills for the successful mastery of complete simple sentences with correct punctuation, utilization of descriptive vocabulary, and the writing process. This class is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IEP 95 - Intensive Writing 2 (5)

Designed to improve academic writing skills for non-native speakers of English. Focus on building writing skills for the successful mastery of complete simple sentences and improvement towards creating compound and complex sentences within a well-structured basic paragraph. This class is only for students admitted through the International Programs office.

Prerequisite: Enrollment approved for International Students only.

IMMA - Indust Maint Mech Appr AJAC

IMMA 101 - Engineering Drawings (5)

Interpretation of engineering drawings, schematics, and basic drafting practice for machining, fabrication, assemblies, and fluid power systems.

IMMA 102 - Lifting and Rigging (5)

Apprentices will learn about techniques, calculations, and equipment for rigging and rigging inspection.

IMMA 103 - Maintenance Mechanic Machining (5)

Students will explore topics related to manual machine tool setup and operation, for saws, drill presses, engine lathes, milling machines, and grinders.

IMMA 121 - Maintenance Mechanic Welding (5)

In this course, apprentices will explore theory in the classroom and gain hands-on experience with essential welding and cutting practices commonly used for industrial maintenance applications.

IMMA 122 - Maint Mechanic Elect Systems (5)

In this course, students will learn about industrial electrical theory, components, and systems necessary to troubleshoot electrical problems.

IMMA 123 - Machine Automation Theory (5)

This course explores advancing technologies in manufacturing relevant to industrial maintenance, including computer numerical control (CNC) technology, automation, and programmable logic controllers (PLCs).

IMMA 201 - Maintenance Mechanic Math (5)

In this course, apprentices will learn to utilize mathematical concepts and measuring techniques in practical machine shop and industrial maintenance applications.

IMMA 202 - Maintenance Machining (5)

Students will learn complex techniques for operating lathes, milling machines, and other machine tools in order to create their culminating project, a gear puller, which they can use maintenance work.

IMMA 203 - Maintenance Mechanical Systems (5)

Students will learn to maintain all of the elements of a mechanical system including: troubleshooting, assembling, and maintaining couplings, gears, pulleys, chains, sprockets, and brakes.

IMMA 221 - Fluid Power Systems (5)

This course explores the fundamental theories and practical application of fluid power systems with a focus on hydraulic and pneumatic system setup, maintenance, repair and lubrication systems.

IMMA 222 - Mtrls, Process, and References (5)

Apprentices will begin by learning about material composition and characteristics of the five basic metals: steel, stainless steel, cast iron, aluminum, and brass (copper). This course will then explore manufacturing processes used to manipulate metals, such as machining, casting, and forging, as well as processes that change their chemical composition, including heat treatment.

IMMA 223 - Mechatronics Capstone (5)

Apprentices will create a mechatronics project that incorporates skills addressed throughout the apprenticeship program, including mechanical systems, fluid power, electrical systems, machining, welding and programmable logic controllers.

IMO - Indust Maintenance Operator

IMO 101 - Safety and Sanitation (5)

Introduces the concepts of working in a safe and productive food manufacturing workplace. Apprentices explain important OSHA safety standards as well as standard operating procedures to ensure proper sanitation. Apprentices recognize Good Manufacturing Processes (GMPs) and how they relate to food safety. They also demonstrate understanding of how to keep allergens, metals, and other harmful substances out of the food supply. Finally, they explain FDAÂ¿s Hazard Analysis Critical Control Point (HACCP) principles to identify, evaluate, and control food safety hazards in their workplace.

IMO 102 - Indus Maint & Mechatronics I (5)
IMO 103 - Indust Maint Mechatronics II (5)

Second of two courses that explores the foundational principles and skills of industrial machine maintenance as they relate to a machine operator. Apprentices explore troubleshooting strategies for machine repair. They focus on methodologies such as why and root cause analysis to isolate problems and determine the most effective troubleshooting strategies. They describe elements of electronic control systems, including diodes, transistors, and integrated circuits. They demonstrate knowledge of the main components, programming, and maintenance of Programmable Logic Controllers (PLCs) and Human-Machine Interfaces (HMIs). Finally, apprentices explore concepts related to maintenance repair welding, and learn the fundamentals of sanitary design.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

IMO 104 - Quality Assurance & Inspection (5)

Introduces the concepts of quality assurance activities, documentation, and inspection practices in the food industry. Apprentices interpret machine operation manuals and learn to perform safety checks to ensure that machines are ready to come online and safety devices are operating correctly. They explain how to read common measurement devices like pressure and temperature gauges, flow meters, fluid gauges, and voltage and current meters. They describe how to compare machine readings with standard operating procedures to determine if machines are performing within specifications. They learn to use their senses to observe machine operation and vibration, determine if machines are operating correctly, and recognize symptoms of malfunction. They also learn when to shut machines down and will explain and perform lockout processes. Apprentices perform quality checks and inspect materials and product/process at all stages to ensure they meet specifications. Finally, they describe how to take corrective actions to restore or maintain quality.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

IMO 105 - Matl Science Perish/Non-perish (5)

Explores the relationship between the basic principles of science and the safe manufacture of food products. Apprentices gain

an understanding of food science to learn how it applies to their day-to-day jobs. They explain the foundational principles of food chemistry, microbiology, and physics and how they relate to food production. Apprentices also study the role of pH in the manufacture of food. They describe the effects of helpful and harmful microorganisms on the food supply and provide examples of food preservation using heat and cold, dehydration and concentration, and irradiation. Apprentices demonstrate knowledge of the mixing and separating techniques used in food processing. They also describe the types of food grade materials that are used in food production to maintain good safety and sanitation.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

IMO 106 - Food Manufacturing Technology (5)

Explores the changing world of food manufacturing technology and its applications to a food-processing environment. Apprentices describe packaging, filling, sealing, boxing, labeling, and robotic sorting and palletizer systems. They also explore the fundamental ways to operate and maintain them. Apprentices gain an understanding of technologies in food production preservation, including sterilization, pasteurization, chilling, freezing, and dehydration. Finally, they develop an understanding of emerging technologies in the food processing industry.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

INT - Manufacturing Academy AJAC

INT 101 - Manufacturing Basics (3)

Introduction to shop and tool safety. An understanding of practical applications of basic physics in everyday life and manufacturing.

INT 108 - Introduction to Blueprints (3)

A review and experiential exercise in interpreting technical drawings. This course introduces students to the various sources of information found within technical drawings and provides practice interpreting various projections. Functions and application of linear dimensioning, tolerancing, lines and symbols.

INT 110 - Math for Manufacturing (3)

An introduction to common applications of mathematics within manufacturing. Developing proficiency in arithmetic calculations and applying mathematical principles for effective on-the-job training applications. The use of mathematical symbols and processes as they relate to machine control and repair/fabrication methods is emphasized. This course is open only to current Aerospace Joint Committee (AJAC) enrolled students.

INT 112 - Manufacturing Tools and Trades (5)

Entry-level manufacturing concepts including tool use, safety, and quality control. Students will design and build projects from technical drawings.

INT 180 - Introduction to Composites (3)

Students learn about the properties and processing of solid materials used in manufacturing (ceramics, metals, polymers, and composites).

ITAL - Italian

ITAL 111 - Conversational Italian I (1-3)

First course in beginning sequence of oral communication courses designed to accompany ITAL 121, 122, and 123. Emphasis on oral skills with practice and reinforcement of pronunciation, grammar and conversational patterns.

Prerequisite: ITAL 121 with a grade of C or higher, or concurrent enrollment, or instructor permission.

ITAL 112 - Conversational Italian II (1-3)

Second course in beginning sequence of oral communication courses designed to accompany ITAL 121, 122, and 123. Emphasis on oral skills with practice and reinforcement of pronunciation, grammar and conversational patterns.

Prerequisite: ITAL 122 with a grade of C or higher, or concurrent enrollment, or instructor permission.

ITAL 113 - Conversational Italian III (1-3)

Third course in beginning sequence of oral communication courses designed to accompany ITAL 121, 122, and 123. Emphasis on oral skills with practice and reinforcement of pronunciation, grammar and conversational patterns.

Prerequisite: ITAL 123 with a grade of C or higher, or concurrent enrollment, or instructor permission.

ITAL 121 - Italian I (5)

First in a sequence of courses to practice functional elements of Italian pronunciation, grammar and culture in the context of practical conversational Italian. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

ITAL 122 - Italian II (5)

Second course in a sequence to practice functional elements of Italian pronunciation, grammar and culture in the context of practical conversational Italian. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: ITAL 121 with a grade of C or higher.

ITAL 123 - Italian III (5)

Third course in a sequence to practice functional elements of Italian pronunciation, grammar and culture in the context of practical conversational Italian. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: ITAL 122 with a grade of C or higher, or placement test.

IT - Information Technology

IT 101 - Info Technology Foundations (5)

Orientation to academic and career opportunities in the Information Technology field. Topics include computer terminology, hardware, operating systems, data management, security concepts and ethics. Students explore Information Technology career options and prepare for internships in the field. Each student creates a personal academic pathway. Learning resources and continuing education opportunities are introduced. This class offers the CompTIA IT Fundamentals industry certification.

IT 103 - Managing Prsonl Devices (3)

Foundational understanding of computing, including knowledge and use of computer hardware, software, and operations systems with mobile devices and cloud computing. Types of computers, how they process information, and the purpose and function of different hardware components. General computer knowledge, including basic hardware, software, networking and troubleshooting.

Prerequisite: Eligibility for ENGL 98.

IT 105 - Internet Safety/Security Tech (3)

Cybersecurity training for all technology users. Equips students with the necessary knowledge and skills to protect their personal information and digital assets. Learn skills to take the necessary steps to mitigate security exposure. Fundamental understanding of various computer and network security threats such as identity theft, credit card fraud, online banking

phishing scams, virus and backdoors, emails hoaxes, sex offenders lurking online, loss of confidential information, hacking attacks and social engineering.

Prerequisite: Eligibility for ENGL 98.

IT 107 - Living Online (3)

Foundational understanding of how to effectively use a computer in an Internet or networked environment. Introduction to electronic communication and how to communicate using electronic mail, social networks and other communication methods basic skills required to evaluate information. Research and evaluate current relevant technologies that are used to manage everyday tasks in a connected world.

Prerequisite: Eligibility for ENGL 98.

IT 109 - Understand and Managing Apps (3)

Introduction to app culture elements to understand how to obtain and maximize the use of some of today's most popular apps. Research, obtain and install apps to perform common functions of application software from computer and mobile devices. Introduction to different app genres that include productivity, reference, social media, music, and health. Strengths and limitations of apps and applications such as compatibility, productivity, and appropriate device usage.

Prerequisite: Eligibility for ENGL 98.

IT 110 - Info Tech Fundamentals (5)

Introduction to basic Information Technology (IT) knowledge and skills. Covers foundational IT concepts including identifying and explaining computer components, installing software, establishing network connectivity and preventing security risks. Focuses on the essential IT skills and knowledge needed to perform tasks commonly performed by advanced end-users and entry-level IT professionals. Helps to determine competency for information technology as a career path. Credit cannot be earned in both IT 110 and IT 101.

Prerequisite: Eligibility for ENGL 98 AND MATH 86.

IT 111 - Networking 1 (5)

Fundamentals of computer networking, including hands-on experience in Windows networking. Network infrastructure, wireless network hardware such as cabling, switches, routers, protocols, and TCP/IP tools.

Prerequisite: STEM 103 with a grade of C or higher, AND eligibility for ENGL& 101, AND eligibility for MATH 86.

IT 112 - Networking 2 (5)

Introduction to Cisco networking, including both theory and practical experience. First of three courses leading to CCNA industry certification.

Prerequisite: IT 111 with a grade of C or higher.

IT 113 - Networking 3 (5)

Second course in CCNA pathway that builds on the knowledge gained in the prerequisite course and introduces switching concepts. Static routing, router redundancy, and EtherChannel will be examined along with enterprise wireless implementations using a WLC.

Prerequisite: IT 112 with a grade of C or higher.

IT 145 - Digital Forensics (5)

Examining the fundamentals of system forensics, such as the nature of forensics, the role of computer forensics specialists, computer forensic evidence, and application of forensic analysis skills. It also gives an overview of computer crimes, forensic methods, and laboratories. It then addresses the tools, techniques, and methods used to perform computer forensics and

investigation. Explores emerging technologies of digital forensics.

IT 161 - Computing Hardware/Tech (5)

Hands-on experience with computer hardware assembly and repair, including laptop and printer troubleshooting and Windows networking Operational procedures, customer service, and documentation.

Prerequisite: STEM 103 with a grade of C or higher, AND eligibility for ENGL& 101, AND eligibility for MATH 86.

IT 162 - Computing and Troubleshooting (5)

Computing operation and advanced troubleshooting of hardware and operating systems in alignment with Information Technology standards. Students receive hands-on experience with operating system installation and configuration, computer security principles, and mobile device operation.

Prerequisite: IT 111 and IT 161, each with a grade of C or higher, or instructor permission.

IT 175 - Asses/Secur Ind Ctrl Sys (5)

Introduction to Industrial Control Systems (ICS) cybersecurity. Challenges and important considerations required to secure cyber-to-physical operations. Study the range of attacks that have been conducted to ICS and how to apply security control to reduce the risk to an industrial network. Review of framework and guidance available that assist hardening an ICS environment to a cyber-attack.

Prerequisite: STEM 103 or STEM 105 with a grade of C or higher.

IT 180 - Information Security (5)

Principles of information security. Includes challenges faced by information technology professionals and tools for designing security policy, acceptable use policy, materials disposal policy, and access management policy. Threat assessment, risk assessment, and disaster recovery strategies. Hands-on experience with security software tools.

Prerequisite: IT 111 and IT 161, each with a grade of C or higher, or instructor permission.

IT 202 - Server Admin Fundamental (5)

Local Area Network (LAN) server installation, configuration and management. Covers topics such as equipment choice, network operating system choice, user account administration, system security, data protection, Internet connectivity, and monitoring system performance. This course aligns with the Microsoft certification for Server Fundamentals

Prerequisite: IT 162 and IT 180, each with a grade of C or higher.

IT 203 - Info and Cyber Warfare (5)

Overview of the global cyber threats that are currently targeting critical information systems vital to the public. Study of the different hacker groups that are weaponizing malware that targets critical infrastructure as a military strategy, stealing corporate Intellectual Property for financial gain, creating and amplifying disinformation across social media for political influence and creating cultural rifts. History of cyber war, cyber weapons, and the tactics used in a cyber-based battlefield. Analysis of sophisticated cyber-attack and the complex challenges it brings to law enforcement, emergency responders, and the public. Credit cannot be earned in both IT 203 and CJ 203.

Prerequisite: Eligibility for ENGL 98.

IT 210 - Network Application Support (5)

Presents the Microsoft Office suite and other common workplace applications from both user and administrator perspectives. Lab exercises will emphasize typical support issues such as communication methods, deployment/upgrade automation, remote administration and the way these factors affect customer satisfaction.

Prerequisite: IT 162 and IT 180, each with a grade of C or higher.

IT 213 - Networking 4 (5)

Introduction to configuration of dynamic routing, access control lists, NAT, QoS, and VPN. The concepts of network design, management, and troubleshooting are reinforced. Third of three courses leading to CCNA industry certification.

Prerequisite: IT 113 with a grade of C or higher.

IT 240 - Linux Systems Administration (5)

Presents the Linux operating system from the perspective of a systems administrator. Topics include Linux shell commands and essential tools, administration of local and remote systems, file systems, storage management, operating system deployment, user account management, and security.

Prerequisite: IT 162 and IT 180, each with a grade of C or higher.

IT 245 - Network Defense (5)

Principles of network defense and protocol analysis including data carving from network packet captures. Intrusion detection using flow records, analyzing wireless based encryption cracking attacks, reconstructing a suspect's web surfing history and uncovering DNS-tunneled traffic. Uncover evidence of and analyze attacks on routers, firewalls, IDS, web proxies, and many other network devices.

Prerequisite: IT 240 with a grade of C or higher.

IT 251 - Computer Careers Intern (1-5)

Provides students with a safe, supervised work environment to apply their academic skills. This allows the student to put into practice their administrative and technical skills.

IT 252 - Adv Comp Careers Intern (1-5)

On-the-job work experience in occupations directly related to student's career choice. This advanced internship reinforces the student's expertise gained in the 100 level Computer Systems courses. PR: Instructor Permission

IT 261 - Cloud Fundamentals (5)

Concepts, principles, and considerations used in storing and maintaining information. Utilizing a combination of hands on practical exercises and clear explanation with real-word examples, students will learn how to create and maintain storage options ranging from local to public cloud.

Prerequisite: IT 162 and IT 180, each with a grade of C or higher.

IT 280 - Ethical Hacking (5)

Ethical hacking methodology that can be used in a penetration testing or ethical hacking situation preparing students for the EC-Council ANSI accredited Certified Ethical Hacker credential 312-50. Lab intensive environment developing in-depth knowledge and practical experience with the current essential security systems. Develop understanding how perimeter defenses work and then will be led into scanning and attacking lab networks; no real network is harmed. Understand how intruders escalate privileges and what steps can be taken to secure a system though Intrusion Detection, Policy Creation, Social Engineering, Buffer Overflows and Penetration Testing.

Prerequisite: IT 245 with a grade of C or higher.

JAPN-Japanese-CCN

JAPN& 121 - Japanese I (5)

Beginning sequence of courses to practice functional elements of Japanese pronunciation, grammar, vocabulary, and sentence patterns in the context of practical conversational Japanese with correct understanding of cultural and social background. The

Japanese writing system is taught from early stage to provide total experience of the language.

JAPN& 122 - Japanese II (5)

Beginning sequence of courses to practice functional elements of Japanese pronunciation, grammar, vocabulary, and sentence patterns in the context of practical conversational Japanese with correct understanding of cultural and social background. The Japanese writing system is taught from early stage to provide total experience of the language.

Prerequisite: JAPN& 121.

JAPN& 123 - Japanese III (5)

Beginning sequence of courses to practice functional elements of Japanese pronunciation, grammar, vocabulary, and sentence patterns in the context of practical conversational Japanese with correct understanding of cultural and social background. The Japanese writing system is taught from early stage to provide total experience of the language.

Prerequisite: JAPN& 122.

JAPN& 221 - Japanese IV (5)

Continuation of JAPN 123. Acquisition of listening, speaking, reading and writing skills through a variety of activities to handle common situations. Reading and writing of essays, diaries, and stories.

Prerequisite: JAPN& 123.

JAPN& 222 - Japanese V (5)

Continuation of JAPN 221. Acquisition of listening, speaking, reading and writing skills through a variety of activities to handle common situations. Reading and writing of essays, diaries, and stories.

Prerequisite: JAPN& 221.

JAPN& 223 - Japanese VI (5)

Continuation of JAPN 222. Acquisition of listening, speaking, reading and writing skills through a variety of activities to handle common situations. Reading and writing of essays, diaries, and stories.

Prerequisite: JAPN& 222.

JOURN - Journalism Media Comm

JOURN 101 - Introduction to Journalism (5)

Survey course introducing journalism history, fundamentals, and current best practices. Topics include news judgment, reporting, interviewing, news and feature writing, editing, and media law and ethics.

Prerequisite: Eligibility for ENGL& 101.

JOURN 110 - Media Writing (5)

An introduction to writing for mass media. This course examines techniques and current best practices for both journalism and media communications, and explores the differences in writing for print, multimedia and social media.

Prerequisite: Eligibility for ENGL& 101.

JOURN 111 - Multimedia Journalism (5)

Conventions of Web journalism emphasizing immediacy, interactivity, accuracy and reliability within the context of ethical journalistic practices. Requires a facility with the fundamentals of newsgathering. Effective practice of journalism in the multimedia environment of the Web, including reporting, presenting and evaluating the news.

Prerequisite: Eligibility for ENGL& 101.

JOURN 170 - Student News Media (3)

Introduction course for The Clipper, EvCC's student news organization. This collaborative, student-led lab sees participants exploring and applying journalism skills including ethics, writing, editing, photography, design and multimedia.

Prerequisite: JOURN 101 with a grade of C or higher.

JOURN 199 - Special Projects (1-5)
JOURN 250 - Journalism Internship (2-5)

Supervised work experience as an intern. May be with a qualified employer or in a project with a private or public agency. Students must have completed most of the required coursework and must obtain a recommendation for internship from their instructor. It is the student's responsibility to obtain the internship. Performance will be evaluated by the college instructor and the internship supervisor. Internship can apply once to AFA degree electives. May be repeated two times for credit.

JOURN 299 - Special Projects (1-5)

Special projects in Journalism.

JR - Job Readiness

JR 10 - JR Level 1 Communications (10)

First level of communications for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition to college and employment. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

JR 12 - JR Level 1 Pronunciation/Conv (3)

First level of pronunciation and basic conversation for non-native speakers. Focus on basic English phonetics to help students speak with adequate control of English pronunciation to minimize miscommunications. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

JR 20 - JR Level 2 Communications (10)

Second level of communications for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition to college and employment. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

JR 22 - JR Level 2 Pronunciation/Conv (3)

Second level of pronunciation and basic conversation for non-native speakers. Focus on basic English phonetics to help students speak with adequate control of English pronunciation to minimize miscommunications. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

JR 30 - JR Level 3 Communications (10)

Third level of communications for non-native speakers. Focus on listening, speaking, reading, writing, digital literacy, and math skills necessary for transition to college and employment. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

JR 32 - JR Level 3 Pronunciation/Conv (3)

Third level of pronunciation and basic conversation for non-native speakers. Focus on basic English phonetics to help students speak with adequate control of English pronunciation to minimize miscommunications. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

JR 64 - JR Reading Essentials (5)

Reading skills designed to introduce students to the academic classroom. Focus on personal, social, cognitive and knowledge-building framework for reading. Introduction to a variety of texts, including those with diversity and social justice themes. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

JR 77 - JR Introduction to Writing (5)

Introduction to writing through developing knowledge of grammar, usage and sentence structure. Students learn to organize ideas logically, express opinions and provide supporting ideas. Students learn how to provide a concluding statement, do a short research project and take notes on information they have gathered. Students participate in class and small group discussions and explore further education opportunities. Enrollment approved for refugee/asylee students served through RISNW.

Prerequisite: Enrollment approved for Job Readiness students only. Students must be referred by Refugee and Immigrant Services Northwest. Please contact RISNW at 425-388-9307 or Rainier Hall Rm 228.

LING - Linguistics

LING 200 - Intro to Linguistic Thought (5)

Language as the fundamental characteristic of the human species; diversity and complexity of human languages; phonological and grammatical analysis; dimensions of language use; language and writing; impact of historical linguistics on contemporary theory.

Prerequisite: ENGL& 101 with a grade of C or higher.

LS - Logistics Specialist AJAC

LS 101 - Ops & Supply Chain Essentials (5)

Explores concepts related to various functions within operations and supply chain management. Apprentices develop an understanding of complex processes to be followed to bring a finished product to life for consumers. They explain how new demands, advancing technology, changing preferences, and unforeseen circumstances force companies to adapt to survive and create new products. They also gain foundational knowledge, including logistics and warehouse management principles, in a non-technical way to help them understand their work.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

LS 102 - Advanced Communications (5)

Introduces apprentices to advanced communication concepts relating to the workplace. Concepts include theory and skills practice related to interpersonal, intercultural, and production team communications, technical writing and business communications, phone and email etiquette, and conflict management. Students will create a professional portfolio that includes a resume, examples of skills, accomplishments, and samples of work.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

LS 103 - LEAN and Six Sigma Foundations (5)

Explores the relationship between LEAN and 6 Sigma concepts and production objectives. Apprentices identify waste within the value stream and demonstrate the ability to effectively analyze and present data to co-workers and stakeholders. They define and apply team leadership tools to aid in process improvement. Students will collect and process customer or internal stakeholder input/requirements and identify key metrics for measuring success. Students will define the DMAIC (define, measure, analyze, improve, and control) process and effectively use tools and concepts associated with each of its phases. Finally, they'll employ LEAN 6 Sigma skills in process improvement projects.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

LS 104 - Inventory and Warehouse Mgmt (5)

In this course, students will describe types of inventory and develop an understanding of the financial accounting of inventory. They will also learn where to locate inventory and ways to control its location. Students will explore the uses, advantages, and disadvantages of automated inventory systems such as bar codes and RFID. They will describe ways to manage inventory and explain causes of inventory system failures as well as ways to fix the problems. Students will also explore some of the basic risks of supply chain management as well as solutions to some common problems. Finally, students will explore the importance of warehouse safety by focusing on injury prevention and reporting, forklift safety, and ergonomics. 8 hours of safety in this course.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

LS 105 - Enterprise Resource Planning (5)

Enterprise Resource Planning (ERP) refers to a method or type of software that organizations use to manage day-to-day activities. In this course, students will explore ways that ERP is used to efficiently manage demand and procurement. They will explain how ERP is used to quantify resource use, and better plan production jobs and product delivery. Students will use ERP to create invoices to send directly to customers or create and transmit import and export documentation required for cross-border shipments. Students will also identify how ERP processes enhance collaboration between businesses and vendors, helping to reduce bottlenecks. Students will explore how ERP use can help target inefficiencies in resource use and improve business outcomes. Finally, students will explain how ERP can help organizations adapt during business downturns. 3.5 hours of safety in this course.

MATH - Mathematics

MATH 100 - Survey of Mathematics (5)

Introduction to mathematical topics such as deductive and inductive reasoning, sets, Venn diagrams, numbering systems, symbolic logic, basic probability and statistics. For liberal arts and education majors.

Prerequisite: Completion of MATH 076 or equivalent with a C or higher.

MATH 104 - Gateway to Precalculus (2)

College algebra course for students needing support in MATH 141. Designed to be taken concurrently with MATH& 141. Topics include: using integer exponent rules and rational exponents to simplify expressions; writing equations of lines; simplifying and performing operations on polynomial, rational, radical, exponential, and logarithmic expressions; solving a variety of linear and nonlinear equations, inequalities, and systems; factoring polynomials; constructing, interpreting, and analyzing graphs; demonstrating understanding of functions, function notation, and relations; solving applications algebraically; communicating effectively in mathematical language.

Prerequisite: Completion of MATH 96 with a C- or higher. This course must be taken concurrently with MATH& 141.

MATH 106 - Algebra Review for Stats (2)

Review of algebra critical for MATH 146 (Intro to Statistics). Topics include ratios, proportions, percentages, scatterplots, interval notation, order of operations, and linear modeling. Intended only for students concurrently enrolled in a paired section of MATH 146.

MATH 138 - Applied College Algebra (5)

Equations and inequalities; graphs and functions; linear, quadratic, polynomial, rational, exponential, and logarithmic functions; solving equations and systems of equations; matrices; linear programming and simplex method; mathematics of finance. For students of business, social science or some life sciences (Not intended for math, science, or engineering majors.) Graphing calculator required.

Prerequisite: MATH 96 or equivalent with a grade of C or higher.

MATH 199 - Mathematics Special Project (1-5)

Independent study projects on selected topics in mathematics. Credit to be arranged with supervising instructor.

MATH 246 - Statistical Methods Engr/Sci (5)

Calculus-based probability and statistics. Probability models, conditional probability, sample spaces, independence, random variables, discrete and continuous probability distribution functions; descriptive statistics; statistical inference, including 1- and 2-sample hypothesis tests and confidence intervals for means and proportions, paired t test and sample size calculations; Point Estimation; Analysis of variance; Comparative experiments, tests, correlation and regression. Engineering applications are emphasized.

Prerequisite: Completion of MATH& 152 with a C or higher.

MATH 260 - Linear Algebra (5)

Theory and applications of matrices, matrix operations, linear systems, determinants, Euclidean vector spaces and subspaces, linear transformations and changes of bases, eigenvalues and eigenvectors.

Prerequisite: Completion of MATH&163 with a C or higher.

MATH 261 - Differential Equations (5)

Introductory course in ordinary differential equations. Existence and uniqueness theorems, methods of solutions of first order linear and non-linear equations, basic theory and solutions of higher order linear equations, series solutions, systems of equations, Laplace transformations and techniques; applications.

Prerequisite: Completion of MATH&163 or MATH& 264 with a C or higher.

MATH 60 - Prof/Tech Math - Cosmt (3)

Course designed to meet the needs of the cosmetology student. Topics in arithmetic of whole numbers, decimals and fractions, percents, ratios and proportions, and measurement with applications.

MATH 76 - Mathematical Literacy (5)

Review of basic concepts in mathematics focusing on real-world applications and conceptual understanding. Topics include: prime factorizations; operations on rational numbers; evaluation of algebraic expressions; ratios, proportions, and percentages; reading graphical interpretations of data; plotting graphs; writing linear relationships using algebra. Equivalent to TS 76 and HSC 76. Credit cannot be earned in both MATH 86 and either TS 86 or HSC 86.

Prerequisite: Eligibility for MATH 76.

MATH 78 - Review Arith & Algebra (2)

Self-paced review of arithmetic and algebra concepts in a computer-mediated lab setting. Intended as a review of arithmetic prior to enrolling in MATH 76 and/or a review of algebra concepts in order to improve mathematics course placement and pre-requisite knowledge and skills for entering MATH 76, 86, 96, 107 or 146 or PHIL 120 or BUS 130. Upon demonstrating this knowledge, students are directly placed into MATH 76, 86, 96, 107 or 146 or PHIL 120 or BUS 130. Topics concerning anxiety, study skills, and math course advising are also covered. May be repeated one time for credit.

Prerequisite: Placement in MATH 79 or higher via an assessment test score OR permission of a math instructor.

MATH 79 - Self-Paced Arith & Alg (5)

Self-paced review of arithmetic and algebra concepts in a computer-mediated lab setting. Intended as a review of arithmetic prior to enrolling in MATH 76 and/or a review of algebra concepts in order to improve mathematics course placement and pre-requisite knowledge and skills for entering MATH 76, 86, 96, 107 or 146 or PHIL 120 or BUS 130. Upon demonstrating this knowledge, students are directly placed into MATH 76, 86, 96, 107 or 146 or PHIL 120 or BUS 130. Topics concerning anxiety, study skills, and math course advising are also covered. May be repeated one time for credit.

Prerequisite: Placement in MATH 79 or higher via an assessment test score OR permission of a math instructor.

MATH 86 - Essential Int Algebra (5)

Introductory course in mathematical reasoning, focusing on real-world applications and conceptual understanding. Topics include ratios and percentages, linear models, quadratic applications, algebraic manipulation, statistical measures of center, and geometry. Equivalent to TS 86 and HSC 86. Credit cannot be earned in both MATH 86 and either TS 86 or HSC 86.

Prerequisite: MATH 76 or equivalent with a grade of C or higher.

MATH 96 - Int Algebra for Precalculus (5)

An intermediate algebra course designed for students pursuing careers in science, business, or engineering. Topics include function notation, systems of linear equations, absolute value equations and inequalities, polynomial operations and factoring, rational expressions and equations, rational exponents, radical expressions, quadratic equations and equations in quadratic form, quadratic functions, and exponential functions. Intended for STEM and business students.

Prerequisite: MATH 86 or equivalent with a grade of C or higher.

MATH-Mathematics-CCN

MATH& 107 - Math In Society (5)

College-level coverage of practical applications of mathematics methods to areas of management, social sciences, biology and other fields. Topics include discrete mathematics, graph theory, probability and statistics in everyday life. For students not preparing for calculus or the sciences.

Prerequisite: MATH 86 or equivalent with a grade of C or higher.

MATH& 138 - Transferred-In Course (4.5)
MATH& 141 - Precalc I: College Algebra (5)

A college level algebra course for all students needing general preparation beyond intermediate algebra. The first of a two-course sequence for students intending to take calculus beginning with MATH& 151. Principles of functions and graphs; theory of polynomial equations; graphs of polynomial and rational functions; exponential and logarithmic functions and applications; conics, foci and applications; non-linear systems; determinants and Cramer's Rule.

Prerequisite: MATH 96 or equivalent with a grade of C or higher.

MATH& 142 - Precalculus II: Trig (5)

A college level trigonometry course. The second course in a two-course sequence for students who intend to take calculus beginning with MATH& 151. Right triangle trigonometry and applications; general angle and real number trigonometry and applications; identities, inverses and trigonometric equations; introduction to polar coordinates and parametric equations; vectors and applications.

Prerequisite: MATH& 141 or equivalent with a grade of C or higher.

MATH& 144 - Pre-Calc I & II: Review (5)

A refresher course in college algebra and trigonometry. Primarily intended for students who plan on taking the calculus sequence beginning with MATH& 151. Analysis of functions. Polynomial, rational, exponential, logarithmic and trigonometric functions with applications; conic sections; introduction to vectors.

Prerequisite: One year of high school precalculus or college equivalent; or permission of a math instructor.

MATH& 146 - Intro to Statistics (5)

Introductory course. Descriptive methods, probability, sampling distributions, hypothesis testing, confidence intervals, correlations. For students in any major.

Prerequisite: MATH 86 or equivalent with a grade of C or higher.

MATH& 148 - Business Calculus (5)

One-quarter short course in calculus. Limits and continuity, differentiation and applications, exponential and logarithmic functions, integration and applications, functions of several variables. For students in business, biological sciences, social sciences, or disciplines requiring only one introductory quarter of calculus. Students who need more than one quarter should enroll in MATH 151.

Prerequisite: MATH 138 or MATH& 141 with a grade of C or higher.

MATH& 151 - Calculus I (5)

First course in calculus sequence. Limits, continuity, differentiation and antidifferentiation of algebraic and transcendental functions with applications. For majors in engineering, science, mathematics and others requiring more than one quarter of calculus.

Prerequisite: MATH& 142 or 144 or equivalent with a grade of C or higher.

MATH& 152 - Calculus II (5)

Second course in calculus sequence. Integration of algebraic and transcendental functions and applications of definite integration, including areas, volumes, work, hydrostatic force and centers of mass; polar coordinate calculus and parametric equations. Numerical techniques and improper integrals. For majors in engineering, science, mathematics and others requiring more than one quarter of calculus.

Prerequisite: MATH& 151 with a grade of C or higher.

MATH& 163 - Calculus 3 (5)

Third course in calculus sequence. Infinite numerical series, power series and Taylor polynomials; vectors in two and three dimensions; lines and planes; partial differentiation with applications; double integrals in rectangular and polar coordinates with applications. For majors in engineering, science, mathematics and others requiring more than two quarters of calculus.

Prerequisite: MATH& 152 with a grade of C or higher.

MATH& 264 - Calculus 4 (5)

Fourth course in calculus sequence. Triple integrals in rectangular, cylindrical and spherical coordinates with applications, calculus of vector valued functions and space curves, analysis of motion in space, directional derivatives, gradients and applications, line and surface integrals with applications, Green's theorem, Stokes' theorem and the Divergence theorem. For majors in engineering, science, mathematics and others requiring more than three quarters of calculus.

Prerequisite: MATH& 163 with a grade of C or higher.

MC - Medical Coding

MC 103 - Intro to Admin Med Office (3)

Introduction to the elements and requirements of medical office administrative programs. Use of program tools and computer fundamentals are covered. Exploration of student success measures and educational and career opportunities as they relate to medical office administrative careers. Introduction to the wide range of healthcare careers and the role of each in development of a cohesive medical care team. Equivalent to HCM 103. Credit cannot be earned in both HCM 103 and MC 103.

MC 118 - Health Info/Delivery Systems (5)

Familiarizes healthcare professionals with basic health data structure, content, and standards; healthcare delivery systems; and information technology and systems. Study of the structure and use of health information and health information systems and specialty systems (coding); health record data collection tools, data sources, data sets, data retrieval, maintenance, security, and integrity; health record documentation and document archival, retrieval, and imaging systems; healthcare institution's structure and operation, including healthcare providers and disciplines; and external standards and regulations.

Prerequisite: MC 103 or HCM 103 with a grade of C, or higher or concurrent enrollment.

MC 120 - Healthcare Vocabulary (5)

Study of healthcare vocabulary used in medical coding, medical billing, and other medical office administrative programs. Includes spelling, pronunciation, meaning, medical word formation, common medical abbreviations, formation of plurals, diagnostic and lab tests. Focus on the administrative application of principles learned. Introduction to the use of the medical record as a source document for abstracting terms necessary to perform medical coding and other administrative functions by healthcare professionals. Equivalent to HCM 120. Credit cannot be earned in both HCM 120 and MC 120.

MC 137 - Structure/Function Human Body (5)

Study of the structure and function of the healthy human body utilizing a system approach. Emphasis is placed on the gross and microscopic anatomy as well as the physiology of the cell, skeletal system, muscular system, nervous system, cardiovascular, respiratory, urinary, reproductive, endocrine, and digestive systems. Includes a full body system review that links structure and function to the process of interpreting clinical documentation for medical code assignment. This is a non-lab-based course. No prior knowledge of biology or chemistry is required. Equivalent to HCM 137. Credit cannot be earned in both HCM 137 and MC 137.

MC 143 - Pathophysiology & Pharmacology (5)

A combination of pathophysiology and pharmacology; emphasizes disease processes affecting the human body through an integrated approach to specific disease entities, including the study of causes, diagnosis and treatment of disease, as well as the action of drugs, including absorption, distribution, metabolism, and excretion by the body. Pathophysiology and pharmacology content emphasizes understanding of the clinical knowledge to enhance the professional communication in healthcare environments. Equivalent to HCM 143. Credit cannot be earned in both HCM 143 and MC 143.

Prerequisite: MC 120 or HCM 120 or MC 137 or HCM 137, with a grade of C or higher.

MC 147 - Intro to Diagnosis Coding (5)

Introduction to diagnostic coding, including principles and application of coding systems (International Classification of

Diseases). Includes taxonomies, nomenclatures, terminologies, and clinical vocabularies. Use of official guidelines and other coding resources are explored.

Prerequisite: MC 143 or HCM 143 with a grade of C or higher, or concurrent enrollment.

MC 151 - Intro to Procedure Coding (5)

Introduction to the principles and application of coding systems. Prepares students to analyze medical records, apply applicable procedure coding guidelines, and to accurately assign procedural codes in various settings. Prioritization and determination of level of code assignments are also presented. Use of coding resources to assign medical codes is explored.

Prerequisite: MC 137 or HCM 137 with a grade of C of higher.

MC 218 - Hlthcare Reimbur/Legal Compli (5)

Study of the uses of coded data and health information in reimbursement and reimbursement methods appropriate to all healthcare settings. Includes contemporary prospective payment systems and key health plans, chargemaster maintenance, and evaluation of compliant billing practices. Relevant legal and compliance issues faced by clinical coders in the workplace setting will also be presented.

Prerequisite: MC 118 with a grade of C or higher.

MC 247 - Advanced Diagnosis Coding (4)

Advanced diagnostic coding including severity of illness systems, coding compliance strategies, introduction to SNOMED, crosswalks and maps used in clinical coding processes, and case studies using more complex code assignments. Includes diagnostic related prospective payment system applications.

Prerequisite: MC 147 with a grade of C or higher.

MC 251 - Advanced Procedure Coding (4)

Advanced application of the principles of procedural coding. Students will study procedure related prospective payment system applications, including professional fee billing examples in coding (Evaluation and Management services, surgical services, etc.). Case studies and more complex code assignments using Level I and II procedure coding systems will be utilized.

Prerequisite: MC 151 with a grade of C or higher.

MC 280 - Prof Practice Experience (5)

Provides students with authentic coding practice (coding from real charts) in a healthcare setting with directed projects common to a clinical coding specialist on the job. Students gain practice combining diagnosis and procedure codes used while coding patient records. Cases vary in complexity and type (inpatient, outpatient, physician, emergency room, long-term care, etc.). Experience using encoder software will be gained.

Prerequisite: Completion of all required courses in Medical Coding, with a C or higher: MC/HCM 103, MC 118, MC/HCM 120, MC/HCM 137, MC/HCM 143, MC147, MC151, MC 218, MC247, MC251.

MECH - Mechatronics

MECH 118 - Predictive Maintenance (2)

Predictive and preventive maintenance tasks and tools used in industrial applications to keep equipment in good working order, and to maximize efficiency and accuracy. Introduction to continuous improvement concepts in plant operation, maintenance, troubleshooting, and repair tasks to ensure optimal manufacturing operations.

Prerequisite: MFG T 100 with a grade of C or higher, or concurrent enrollment in MFG T 100.

MECH 119 - Introduction to Robotics (5)

Basics of robotic operation, basic programming, interfacing, and material handling in a complex mechatronic system. Students will gain conceptual, technical, and practical knowledge of robotic applications and how itÂ¿s applied in industrial tasks using hands-on, interactive robotic devices. Learning topics will include basic robot operation, manual operation, homing, end effector operation, interfacing, material handling, movement and end effector commands, looping and speed commands, and basic robot programming.

Prerequisite: Eligibility for ENGL& 101 AND either ENG T 101 with a grade of C or higher, or eligibility for MATH 86.

MECH 120 - Electrical Components (5)

Basic functions and physical properties of electrical components, and the roles they play within a complex mechatronics system. Includes technical documentation such as schematics, timing diagrams, and system specifications, safety issues. Basic electrical laws, differences between AC and DC electricity, how to use electrical equipment, how to analyze circuits, and how electrical components work. By understanding the complete system, students will learn and apply trouble shooting strategies to identify and localize possible malfunctions.

Prerequisite: Eligibility for ENGL& 101 AND either ENG T 101 with a grade of C or higher, or eligibility for MATH 86.

MECH 121 - Mechanical Components (5)

Basics of mechanical components and electrical drives in a complex mechatronics system. Students will understand the flow of energy, troubleshooting, preventive maintenance and safety issues. Basic functions and physical properties of mechanical components, electrical drives and their roles in the system, increasing efficiency, reducing wear, and lubrication requirements. Students will learn about bearings, shafts, clutches, brakes, pulleys, belts, chains, sprockets, gears, couplings, alignment, and how to set them up.

Prerequisite: Eligibility for ENGL& 101 AND either ENG T 101 with a grade of C or higher, or eligibility for MATH 86.

MECH 122 - Elec-Pneumatic Ctrl Circuits (5)

Basics of pneumatic, electro-pneumatic and hydraulic control circuits in a complex mechatronics system. Functions and properties of control elements based on physical principles, and the roles they play within the system as well as the functions of different components in pneumatic/hydraulic systems. Technical documents, circuit diagrams, and schematics will be covered. Students will learn and apply troubleshooting strategies, preventative maintenance, and look for safety issues.

Prerequisite: Eligibility for ENGL& 101 AND either ENG T 101 with a grade of C or higher, or eligibility for MATH 86.

MECH 123 - Digital Fundamentals (4)

Fundamentals of digital logic and an introduction to programmable logic controllers (PLCs) in a complex mechatronics system with a focus on the automation system and appropriate programming software. Students will learn basic elements of PLC functions by writing and testing small programs on an actual system. Students will learn to identify malfunctioning PLCs, apply troubleshooting strategies, identify and localize problems caused by PLC hardware.

Prerequisite: MECH 120 with a grade of C or higher.

MECH 124 - Controls and Instrumentation (5)

Fundamentals of controls and instrumentation troubleshooting in a mechatronics system, using knowledge of circuit boards, sensors and photo eyes; calibration and loop tuning; and final control elements, including AC, DC , and servo motors, variable speed drives, motor control, relays and motor starters. Students will build skills in troubleshooting motors and variable speed drives, adjusting speed and direction; interpreting relay logic and sizing of components for various applications.

Prerequisite: Completion of MECH 123 with a C or higher, OR instructor permission.

MECH 199 - Special Projects (1-5)

Special Projects.

MECH 219 - Industrial Robotics (5)

Preparation course for the National Occupational Competency Testing Institute (NOCTI) Robotics Certification. Robot operations, frame setup, writing, modifying and executing basic motion programs, program offsets, backups and restorations, creating and modifying simulations, single axis mastering on all six axes, how to create and execute a pick and place program for load and unload applications, and how to set up and program 2D integrated vision for part offset and inspection.

Prerequisite: MECH 119 with a grade of C or higher.

MECH 225 - Mechatronics Skills Building (3)

Designed for the student who is seeking more lab time to improve skills in hydraulics, mechanical and electrical components, and PLC applications. Open shop time allows student to trouble-shoot mechatronics system components to industry standards.

Prerequisite: MECH 120, MECH 121, MECH 122, MECH 123, all with a grade of C or higher, and instructor permission.

MECH 226 - Mechatronics Skills Building 2 (3)

Designed for the student who is seeking more lab time to improve their skills in hydraulics, mechanical and electrical components, and PLC applications. Open shop time allows student to trouble-shoot mechatronics system components to industry standards.

Prerequisite: MECH 225 with a grade of C or higher AND instructor permission.

MECH 295 - Mechatronics Internship 1 (1-5)

Intern course focused on the fundamental mechatronic skills required to work in a manufacturing company. Students may work either in an instructional/ hands-on or solely hands on mode. This experience may entail 'job-shadowing' to learn what support functions are needed in the manufacturing environment. Variable credit from 50-250 clock-hours.

MECH 296 - Mechatronics Internship 2 (1-5)

Intern course focused on the fundamental mechatronic skills required to work in a manufacturing company. Students may work either in an instructional/ hands-on or solely hands on mode. This experience may entail 'job-shadowing' to learn what support functions are needed in the manufacturing environment. Variable credit from 50-250 clock-hours.

MFG T - Manufacturing Technology

MFG T 100 - Success & Safety (5)

Introduction to standards, processes and operational procedures of the industrial and manufacturing trades, employer industry soft-skill standards and requirements for logic and communication used in industry. Understanding the expectations of manufacturing industry and its relationship to the advanced manufacturing fields in composites, engineering tech, precision machining, and mechatronics/robotics. Upon successful completion of OSHA content, student will receive an OSHA 10 Safety Certification.

MFG T 101 - Introduction to Machining (5)

Introduction to machining and manufacturing processes commonly used in the industry. The course will cover setup and operations of manual milling machines, lathes, drill presses, band saws and basic blue print reading. Introduction to Mastercam will lead to the setup and operations of CNC (computer numeric controlled) 3 axis vertical mills and basic CNC lathe work.

Prerequisite: MFG T 100 with a grade of C or higher, or concurrent enrollment in MFG T 100, or instructor permission.

MFG T 102 - Mfg Employment Readiness (12)

This course serves as an introduction to manufacturing trades. The knowledge and skills required for entry level positions in diverse workplace scenarios with broad emphasis on industry workforce development needs. Content includes a survey of mechanical concepts, precision measurement, blueprint reading, quality assurance, workforce skills/communication, ergonomics, lean work principles, and sustainable business practices.

MFG T 103 - Machining Lab for Engineers (2)

Introduces machining and manufacturing processes commonly used in the industry. Covers setup and operations of manual milling machines, lathes, drill presses, band saws and other shop tools along with basic blueprint reading. Introduction to the setup and operations of CNC (computer numeric controlled) 3 axis vertical mills.

MFG T 104 - Machine Operator 1 (20)

Applied machinist math including measurements, basic blueprint reading, conventional lathe and mill operations, small shop tools operation and introduction to CNC (Computer Numerical Controlled) machines. Introduction to processes and procedures, and shop safety and teamwork. May be repeated two times for credit.

Prerequisite: Eligibility for MATH 076.

MFG T 105 - Machine Operator 2 (20)

Course develops skills in advanced blueprint reading including understanding of Geometric Dimensioning and Tolerance; applied math skills including geometry and trigonometry; technical core skills in CNC Machine programming and operation are further developed. May be repeated two times for credit.

Prerequisite: Completion of MFG 104 with a grade of C or higher.

MFG T 107 - Machining with Mastercam (4)

Introduction to the Computer Aided Manufacturing software Mastercam. Students will learn the various steps and techniques required to perform basic design operations utilizing Sketcher to create wire frame geometry, the Xform function to manipulate the geometry and the Post Processing function, to produce basic machine programs along with their associated production documents.

Prerequisite: MFG T 105 with a grade of C or higher.

MFG T 108 - NC Programming with Vericut (4)

Introduction to the Computer Aided Manufacturing software Vericut. Students will be able to use the software, used for simulating CNC machining. Students will learn the various steps and techniques required to perform basic verification of operations utilizing the Vericut Software, to manipulate the geometry and the Post Processing function, to produce basic machine programs along with their associated production documents.

Prerequisite: MFG T 101 or MFG T 113, with a grade of C or higher, or instructor permission.

MFG T 109 - NC Programming with CATIA (4)

Introduction to the Computer Aided Manufacturing software CATIA. Students will be able to use the software used for creating and simulating CNC machining. Students will learn the various steps and techniques required to perform basic verification of operations and produce basic machine programs and their associated production documents.

Prerequisite: MFG T 101 and ENG T 185, each with a grade of C or higher.

MFG T 113 - CNC Cutting Solutions (5)

Introduction to the waterjet cutting process, the three axis router and the fabric cutter. Students will utilize CAD/CAM software to produce programs needed to interface with each machine, learn the set-up and operational sequences, problem solve, deploy

corrective actions, and inspect the parts to ensure industry standards are maintained.

Prerequisite: MFG T 100 with a grade of C or higher, or concurrent enrollment in MFG T 100.

MFG T 117 - Blueprint Reading & Schematics (3)

Drafting fundamentals and orthographic interpretation necessary to read, manipulate and understand a mechanical part print; and schematic components, symbols and connectors used to describe electrical, electronics, pneumatics, hydraulics, and piping circuits.

MFG T 171 - Manufacturing Intern I (1-5)

50-250 clock-hour intern program in which students focus on the fundamental shop skills required to work in a manufacturing company. Students may work either in an instructional/hands-on or solely hands-on mode. This experience may entail 'job-shadowing' to learn what support functions are needed in the manufacturing environment.

MFG T 172 - Manufacturing Intern II (1-5)

50-250 clock-hour intern program in which students may perform functions or 'job shadow' in a specific area of their choosing relative to their program of study. Program focuses on student workingwith an expert in a manufacturing related area of the student's choice.

MFG T 199 - Special Projects In Mfg Tech (1-5)

First-year course for continuing education students who possess an extensive background plus practical experience in manufacturing and possess the capability to do independent study of one aspect of manufacturing technology. Prerequisite: Instructor's permission.

MFG T 225 - Machining Skills Bldg 1 (2)

Designed for the student who is seeking more shop time to improve their machining skills or seeking NIMS certifications. Open shop time allows student to build industry-standard machining skills. Students will have the opportunity to use the manufacturing equipment taught to them in MFT T 104 and MFG T 105. Work with the instructor on problems encountered during regular class time.

Prerequisite: Completion of MFG T 104 with a C or higher, AND instructor permission.

MFG T 226 - Machining Skills Bldg 2 (2)

Prerequisite: Completion of MFG T 225 with a C or higher, AND instructor permission.

MFG T 229 - Manufacturing Team Project (5)

Capstone course designed to allow students to integrate knowledge they have gained of manufacturing technology and demonstrate this in a collaborative, team-based project in which they design and produce a manufactured good and a final project report.

MFG T 230 - Mfg Team Project Aerospace (5)

Through AerosPACE (Aerospace Partners for the Advancement of Collaborative Engineering), students will construct a 3/4 scale aircraft design, build, and fly project in distributed teams with members from multiple schools. Conceptualizing a project, developing and documenting a detailed design, fabricating a prototype, testing, analysis, and reporting. Students will need to commit to three quarters in duration, and be willing to travel for presentations and product demonstrations. Lab section provides access to college fabrication facilities and is an integral part of the process. May be repeated two times for credit.

MT - Manufacturing Technician AJAC

MT 101 - Industrial Mfg Safety (5)

Apprentices will be oriented to the occupation and learn about foundational safety requirements specific manufacturing and

production. Course content will include basic shop safety, OSHA 10 and CPR/First Aid.

MT 102 - Industrial Mfg Basics (5)

Apprentices will apply quality and continuous improvement practices to manufacturing and production. The course will introduce quality assurance, inspection, blueprint reading, interpreting manufacturing documents, precision measurement, and basic tools/equipment use and knowledge.

MT 103 - Industrial Mfg Processes (5)

Apprentices will learn to identify customer needs and required resources for production. They will learn about production,communication, lean manufacturing, problem solving and front line leadership techniques. The course will introduce the set up and operation of machines including tooling and equipment. They will learn to monitor production and compliance, and be aware of preparing products for shipping. Additionally, students will examine emerging industrial technologies and trends in green manufacturing.

MT 104 - Industrial Mfg Maint (5)

Apprentices will learn the foundational principles and skills relating to machine maintenance awareness. They will learn to apply principals of welding, basic electricity, and fluid power systems to manufacturing equipment. Apprentices will examine common applications for lubricants, coolants, bearings, couplings, belt drives and chain drives. The course will apply machine control and automation concepts to awareness of machine maintenance.

MT 201 - Math for Industrial Maint (5)

Application of mathematics to the industrial maintenance environment. Students will perform standard shop computations and conversions between measurement systems. Relevant mathematical concepts are taken from Algebra, Geometry, and Trigonometry to help students apply formulas and common technical application problems. Basic math skills will be reviewed including decimals, fractions and conversions between them. This course also includes the use and application of formulas required in industry. Students will learn properties of angles and common geometric shapes and relevant trigonometric functions, and they will be introduced to graphs and statistics.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

MT 202 - Communications (5)

Introduction to basic communication concepts relating to the workplace. Concepts include theory and skills practice related to interpersonal, intercultural, and production team communications, technical writing and business communications, phone and email etiquette, and conflict management. Students will create a professional portfolio that includes a resume, examples of skills, accomplishments, and samples of work.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

MUSC - Music

MUSC 110 - World Music (5)

Introduction to the music of non-western cultures. Classical and folk traditions of Asia, traditional practices of Africa and Native America, and folk and regional styles of Europe and Latin America are studied. Focus is on history, evolution, and performance practices of these musical styles, as well as the aural identification of these musical styles. Study of music as a cultural phenomenon is emphasized including the intercultural influences found in much of the world's music that is a result of historical events such as human migrations, diasporas, invasions, and the effect of technological innovation.

Prerequisite: Eligibility for ENGL& 101.

MUSC 115 - Popular Music In America (5)

Historical, social, and stylistic study of mainstream popular music in the 20th century, including jazz, country and western, Tin Pan Alley, Broadway musicals, and rock 'n' roll: sources, composers and performers.

Prerequisite: Eligibility for ENGL& 101.

MUSC 116 - Survey of Jazz (5)

Historical, social, and stylistic study of the major periods of jazz, beginning with the music's African roots and progressing chronologically to the avant-garde and popular jazz of today.

Prerequisite: Eligibility for ENGL& 101.

MUSC 117 - Class Piano - Elementary (2)

Class instruction in piano. Open to all students.

MUSC 118 - Class Piano - Intermediate I (2)

Class instruction in piano. Open to all students.

Prerequisite: Completion of MUSC 117 with a C or higher, or by examination.

MUSC 119 - Class Piano - Intermediate II (2)

Class instruction in piano. Open to all students.

Prerequisite: Completion of MUSC 118 with a C or higher, or by examination.

MUSC 124 - Class Voice I (3)

Basic principles of good singing and performance. Performance of songs from memory. Open to students at any performance level. May be repeated one time for credit.

MUSC 125 - Class Voice II: Intermediate (3)

Continued development of singing and performance techniques as introduced in MUSC 124. Emphasizes more advanced repertoire and styles of singing. May be repeated two times for credit.

Prerequisite: Completion of MUSC 124 with a C or higher.

MUSC 128 - Class Guitar (3)

Development of fundamental techniques in guitar performance. Introductory course for students with little or no experience.

MUSC 151 - Private Piano (1-2)

Individual instruction in piano, to be arranged. Instructor assigned by arrangement with chair of music faculty. May be repeated two times for credit.

MUSC 152 - Private Voice (1-2)

Individual instruction in voice, to be arranged. Instructor assigned by arrangement with chair of music faculty. May be repeated two times for credit.

MUSC 153 - Private Strings (1-2)

Individual instruction in strings, to be arranged. Instructor assigned by arrangement with chair of music faculty. May be repeated two times for credit.

MUSC 154 - Private Woodwinds (1-2)

Individual instruction in woodwinds, to be arranged. Instructor assigned by arrangement with chair of music faculty. May be repeated two times for credit.

MUSC 155 - Private Brass (1-2)

Individual instruction in brass, to be arranged. Instructor assigned by arrangement with chair of music faculty. May be repeated two times for credit.

MUSC 156 - Private Percussion (1-2)

Individual instruction in percussion, to be arranged. Instructor assigned by arrangement with chair of music faculty. May be repeated two times for credit.

MUSC 159 - Private Guitar (1-2)

Individual instruction in guitar, to be arranged. Instructor assigned by arrangement with chair of music faculty. May be repeated two times for credit.

MUSC 217 - Composition & Improvisation (2)

Private instruction in composing music and improvising melodic lines relating to chord structures, harmonic progressions, and appropriate scales and modes. May be repeated two times for credit.

MUSC 299 - Special Projects (1-5)

MUSC-Music-CCN

MUSC& 105 - Music Appreciation (5)

Lectures, readings, films, and recordings concerning structure, form, and aspects of music for the listener. Historic and stylistic examinations of music from its beginnings in western culture.

Prerequisite: Eligibility for ENGL& 101.

MUSC& 141 - Music Theory I (5)

Introduction to concepts and terminology of music including rhythm, notation, scales, key signatures, tonality, and basic chords.

NAT S - Natural Science

NAT S 103 - Sustainability & Systems (5)

An introduction to systems thinking with an emphasis on understanding the intersection between natural and human systems. Student analysis will focus on how to make human systems more sustainable. Simple models such as population growth and more advanced case studies will be explored with concepts such as connection circles, causal loop diagrams, reinforcing (positive feedback) loops and balancing (negative feedback) loops. Exploration of the effects of time delays upon systems and identification of leverage points for sustainability will occur. Course will include use of STELLA (Systems Thinking for Education and Research) software at an introductory level.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

NAT S 107 - Phys Sci for Everybody (5)

Hands-on exploration of how motion, energy and forces affect the way things work. For non-science majors. Highly recommended for elementary education majors.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

NAT S 150 - Science of Weight Loss (5)

Scientific information on weight and exercise physiology. Principles of healthy weight loss. Health risks of obesity. Physiological and environmental factors that influence weight. Critical evaluation of diets. Assessment methods for

determining healthy weight. Recommended for those who want to lose or maintain weight sensibly, future health care providers, future high school health and PE teachers, and those interested in health issues.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

NURS - Nursing

NURS 100 - Nursing Assistant (10)

Prepares students to function in a myriad of health care settings. Focuses on acquiring basic technical skills, personal care skills, restorative care skills, psych and social needs, and communication skills to work in an entry-level position in acute care, long-term care, and home health settings. HIV/AIDS and CPR training are included. Upon completion students may apply for OBRA certification in Washington State.

NURS 110 - Nursing Therapeutics I (10)

Introduction to the nursing concept of caring as framework. Concepts examined include client, nursing, health environment, nursing process, communication, teaching, learning and ethics. Labs provide demonstration opportunities for health promotion, client assessment, documentation and basic skills.

Prerequisite: Prerequisite: Acceptance into the Nursing program. Corequisite: Corequisites: NURS 114 / PHIL 114.

NURS 114 - Ethics/Policy In Healthcare I (2)

Explores values, ethics, and legal decision-making frameworks and policies used to support the well-being of people and groups within the context of the healthcare professions. This content is embedded into and taught seamlessly with the theory content in NURS 110.

NURS 120 - Nursing Therapeutics II (10)

Integrated view of mind/body responses to chronic health states. Incorporates rationale for intervention, nursing principles, development of cognitive, interpersonal, and technical skills essential to care of adult clients. Lab included.

Prerequisite: Prerequisites: Completion of NURS 110. Corequisite: Corequisites: NURS 125 / PSYC 125 and NURS 126 /NUTR 126.

NURS 125 - Psychosocial Issues Hlthcare I (2)

Examines some determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. Incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 120.

NURS 126 - Nutrition In Healthcare I (2)

Principles of nutrition for the adult including the food pyramid for a healthy balanced diet, necessary micro and macronutrients in maintaining homeostasis, types of specialty diets, and guidelines for adequate nutrition needed to maintain optimal health. Additionally, the principles of assessing nutritional status is included by looking at pertinent laboratory values, calculating a patient's BMI, and assessing a patient's ability to ingest and digest their food. We look at how a patient's nutritional status is affected by chronic diseases such as Diabetes Mellitus types 1 and 2, and conditions requiring rehabilitation, and how pharmacokinetics affects and is affected by a patient's nutritional status. The curriculum includes information and training in enteral feedings, with assessment of calorie needs as well as tube feeding rates and issues. Total Parenteral Nutrition is also introduced in this course. These classroom principles are applied practically in the clinical setting with patients in long term care facilities. Students perform assessments on their patients that include nutritional status, as well as elimination needs that can be partially addressed by their nutritional intake. This content is embedded into and taught seamlessly with the theory content in NURS 120.

NURS 130 - Nursing Therapeutics III (10)

Explores complex body system alterations. Presents nursing therapies connected with alterations. Emphasizes cognitive, interpersonal, technical activities, development of critical thinking, ability to make nursing judgments. Lab included.

Prerequisite: Prerequisites: Completion of NURS 120. Corequisite: Corequisites: NURS 136 / NUTR 136.

NURS 136 - Nutrition In Healthcare II (1)

Principles of nutrition for the adult with a focus on specialty diets to manage acute and chronic health alterations. Included are guidelines for meeting adequate nutritional needs in the adult patient that contribute to positive outcomes. Instruction focuses on the assessment of the patient condition and consideration of comorbidities to manage the types of diets that promote healing. Additionally, the principles of assessing nutritional status are included in looking at pertinent laboratory values, pharmacological considerations, and a patient's ability to ingest and digest their food. The curriculum includes extensive planning for managing adequate nutritional intake, as well as consulting with interprofessional health care team to meet a patient's changing nutritional needs. These classroom principles are applied practically in the clinical setting with hospitalized patients, and the students perform assessments on their patients that include nutritional status, as well as elimination needs that can be partially addressed by their nutritional intake. This content is embedded into and taught seamlessly with the theory content in NURS 130.

NURS 210 - Nursing Therapeutics IV (10)

Integrated view of responses to normal growth and development from infancy-adolescence and expanding family. Nursing process and critical thinking to develop cognitive, interpersonal, technical skills appropriate for families. Lab included.

Prerequisite: Prerequisites: Completion of NURS 130. Corequisite: Corequisites: NURS 214 / PHIL 214 and NURS 216 / NUTR 216.

NURS 214 - Ethics/Policy in Healthcare II (1)

Course applies values, ethics, and legal decision-making frameworks and policies to support the well-being of people and groups within the context of the healthcare professions. This content is embedded into and taught seamlessly with the theory content in NURS 210.

NURS 215 - Psychosoc Issues Healthcare II (1)

Examines determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. This content incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 210.

NURS 216 - Nutrition In Healthcare III (1)

Principles of nutrition for infant, maternal, and pediatric patients. Guidelines for nutritional requirements at preconception, perinatal, and birth through childhood. The principles of assessing nutritional status are included in looking at pertinent laboratory values, percentiles via a growth chart, and calculating a patient's BMI. How a patient's nutritional status affects growth and development from infancy through puberty. Assessing for normal growth patterns, and for nutritional deficits and metabolic conditions, as well as specialty diets that promote optimal outcomes. Principles are applied in a variety of clinical setting with maternal-child and pediatric patients.

NURS 220 - Nursing Therapeutics V (10)

Explore multisystem physical/mental health alterations, related nursing therapies. Emphasize cognitive, interpersonal, technical activities with clients. Student demonstrates complex skills, judgments, collaboration with professionals in labs.

Prerequisite: Prerequisites: Completion of NURS 210. Corequisite: Corequisites: NURS 225 / PSYC 225 and NURS 226 / NUTR 226.

NURS 225 - Psychosocial Issues III (1)

Examines some determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. This content incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 220.

NURS 226 - Nutrition In Hc IV (1)

Continuation of content in NURS 216. Examines the scientific, social, economic, ethnic and psychological implications of nutrition in relation to health across the lifespan and in the context ofhealthcare professions.

NURS 230 - Nurs/Thera VI-Transition (10)

Aspects of professional nursing through exploration of personal values, ethics, accountability, power, politics, collective bargaining, and the business of healthcare systems. Clinical opportunities for role transitions.

Prerequisite: Prerequisites: Completion of NURS 220. Corequisite: Corequisites: NURS 234 / PHIL 234 and NURS 235 / PSYC 235.

NURS 234 - Ethics/Policy In Hc III (2)

Integrated analysis of values, ethics, and legal decision-making frameworks and policies used to support the well-being of people and groups within the context of the healthcare professions.

NURS 235 - Psychosocial Issues IV (1)

Examines some determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. This content incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 230.

NUTR - Nutrition

NUTR 120 - Vegetarian Cooking (3)

Nutritional benefits and disadvantages of a plant-based diet. Application of knowledge through weekly food preparation sessions for applied learning of course content to include: cultural interpretation of plant-based diets, types of vegetarian diets, plant-based diets and their impact on weight-management, health and digestion, complementarity of proteins, vitamin and mineral status, and practical application in eating away from home.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

NUTR 126 - Nutrition in Healthcare I (1)

Principles of nutrition for the adult including the food pyramid for a healthy balanced diet, necessary micro and macronutrients in maintaining homeostasis, types of specialty diets, and guidelines for adequate nutrition needed to maintain optimal health. Assessing nutritional status by looking at pertinent laboratory values, calculating a patientÂ¿s BMI, and assessing a patientÂ¿s ability to ingest and digest their food. How a patientÂ¿s nutritional status is affected by chronic diseases such as Diabetes Mellitus types 1 and 2. Conditions requiring rehabilitation, and how pharmacokinetics affects and is affected by a patientÂ¿s nutritional status. Enteral feedings, with assessment of calorie needs as well as tube feeding rates and issues. Introduction to Total Parenteral Nutrition. Classroom principles are applied in the clinical setting with patients in long term care facilities. Perform assessments on patients, including nutritional status, as well as elimination needs that can be partially addressed by nutritional intake.

Prerequisite: Prerequisite: Completion of NURS 110 with a C or higher. Corequisite: Corequisites: NURS 120 and NURS 125/PSYC 125.

NUTR 136 - Nutrition in Healthcare II (2)

Principles of nutrition for the adult with a focus on specialty diets to manage acute and chronic health alterations. Guidelines

for meeting adequate nutritional needs in the adult patient that contribute to positive outcomes. Assessment of the patient condition and consideration of comorbidities to manage the types of diets that promote healing. Assessing nutritional status by looking at pertinent laboratory values, pharmacological considerations, and a patientÂ¿s ability to ingest and digest their food. Planning for managing adequate nutritional intake, as well as consulting with an interprofessional health care team to meet a patientÂ¿s changing nutritional needs. Principles are applied in the clinical setting with hospitalized patients. Perform assessments on patients that include nutritional status, as well as elimination needs that can be partially addressed by their nutritional intake.

Prerequisite: Prerequisite: Completion of NURS 120 with a C or higher. Corequisite: Corequisites: NURS 130.

NUTR 160 - Sports Nutrition (5)

Introductory study of sports nutrition and its relationship to health, fitness, and athletic performance. Provides specific nutritional recommendations for individuals participating in recreational exercise as well as for competitive athletes training to improve sports performance. Includes evaluation of ergogenic aids, dietary supplements, and nutritional practices promoted to enhance athletic performance. Body composition analysis also included.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

NUTR 180 - Sustainable Food Systems (5)

Study of the current food system in the U.S. and its relationship to the environment, the economy and health, particularly the nutritional health of citizens. Specific recommendations to help individuals and institutions promote and implement sustainable practices. Service learning component and weekly food preparation laboratory sessions for applied learning of course content. Exploration of environmental impact of food choices including nutrient value of foods and food safety. Two field trips.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

NUTR 216 - Nutrition in Healthcare III (1)

Principles of nutrition for infant, maternal, and pediatric patients. Guidelines for nutritional requirements at preconception, perinatal, and birth through childhood. The principles of assessing nutritional status are included in looking at pertinent laboratory values, percentiles via a growth chart, and calculating a patient's BMI. How a patient's nutritional status affects growth and development from infancy through puberty. Assessing for normal growth patterns, and for nutritional deficits and metabolic conditions, as well as specialty diets that promote optimal outcomes. Principles are applied in a variety of clinical setting with maternal-child and pediatric patients.

Prerequisite: Prerequisite: Completion of NURS 130 with a C or higher. Corequisite: Corequisites: NURS 210 and NURS 214/PHIL 214.

NUTR 226 - Nutrition in Healthcare IV (1)

Review of the principles of nutrition for the adult including the digestion, absorption, and metabolism of needed nutrients for maintenance of optimal health. Nutritional requirements for surgical and nonsurgical wound healing, how a patient's nutritional status is affected by chronic and acute conditions and diseases, and the role nutrition plays in disease prevention. Nutritional considerations, types of diet, and specific nutrients needed for the management of diseases and conditions such as renal failure, cancer, liver disease, diabetes mellitus types 1 and 2, burns, and HIV/AIDS. The components of parenteral and total parenteral nutrition (TPN), assessment of a patient's parenteral nutritional needs, and skills training in application of this type of delivery. Principles are applied in the clinical setting with patients in acute care facilities. Performing assessments on patients, examining the interdependence of nutritional status, laboratory values, and disease and condition management in determining the maintenance of homeostasis.

Prerequisite: Prerequisite: Completion of NURS 210 with a C or higher. Corequisite: Corequisites: NURS 220 and NURS 225/PSYC 225.

NUTR-Nutrition-CCN

NUTR& 101 - Nutrition (5)

Basic principles of nutrition for pregnancy, infants, children, adolescents and adults; guidelines for healthy diet, nutrient functions and food sources; digestion, absorption and metabolism of nutrients; energy balance, weight control and sports nutrition; and the role of nutrition in physiological growth and development, maintenance of optimal health and fitness, and chronic disease prevention.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 96.

OCEA - Oceanography

OCEA 294 - Oceanographic Research (1-3)

In collaboration with faculty and peers, students propose, design, and conduct field/laboratory research, or propose and design an independent analysis of an existing long-term data set. After obtaining approval by a faculty mentor, students explore areas of interest, employ valid and ethical research methods, and log, document, and present research progress.

OCEA-Oceanography-CCN

OCEA& 101 - Intro to Oceanography w/Lab (5)

Introduction to EarthÂ¿s oceans, including origin and evolution of ocean basins, composition and variability of seawater, oceanic structure and circulation patterns, and marine pollution. Laboratory projects stress hands-on experiments and field experiences.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH 86.

OCEAT - Ocean Technology

OCEAT 111 - Ocean Technology (1-5)

Conduct ocean sampling using standard oceanographic tools and techniques. Includes techniques for sampling surface and deep water quality, composition, temperature, density, currents, salinity, turbidity, dissolved gases and solids, and plankton; as well as ocean floor sediment and marine life sampling. Determining depth and location. Analysis and interpretation of water and sediment sample data. May be repeated two times for credit.

OS - Operations Specialist

OS 101 - Planning, Mgmt & Op Resources (5)

Students will be able to analyze capacity, demand, equipment, inventory, staffing, and budget reports. They will be able to compose budgets for staffing, materials, and funding resources. They will gain a more in depth understanding of how to schedule staff, project tasks, procurement needs, and financial resource needs. Students will explain how production plans are built, including tools for prioritization and contingency planning. Students will learn best practices related to scheduling, estimating costs, forecasting workload,planning resource use, setting department goals, and monitoring progress. They will engage in effective debriefing communication to maintain continuous improvement of processes.

OS 102 - Advanced Communications (5)

This course explores the relationship between LEAN and 6 Sigma concepts and production objectives. Apprentices identify waste within the value stream and demonstrate the ability to effectively analyze and present data to co-workers and stakeholders. They define and apply team leadership tools to aid in process improvement. Students will collect and process customer or internal stakeholder input/requirements and identify key metrics for measuring success. Students will define the DMAIC (define, measure, analyze, improve, and control) process and effectively use tools and concepts associated with each of

its phases. Finally, they'll employ LEAN 6 Sigma skills in process improvement projects.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

OS 103 - LEAN and Six Sigma Foundations (5)

This course explores the relationship between LEAN and 6 Sigma concepts and production objectives. Apprentices identify waste within the value stream and demonstrate the ability to effectively analyze and present data to co-workers and stakeholders. They define and apply team leadership tools to aid in process improvement. Students will collect and process customer or internal stakeholder input/requirements and identify key metrics for measuring success. Students will define the DMAIC (define, measure, analyze, improve, and control) process and effectively use tools and concepts associated with each of its phases. Finally, they'll employ LEAN 6 Sigma skills in process improvement projects.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

OS 104 - Enterprise Res Plan Foundation (5)

Enterprise Resource Planning (ERP) refers to a method or type of software that organizations use to manage day to day activities. In this course, students explore ways that ERP is used to efficiently manage demand and procurement. They explain how ERP is used to quantify resource use, and better plan production jobs and product delivery. Students use ERP to create invoices to send directly to customers or create and transmit import and export documentation required for cross border shipments. Students also identify how ERP processes enhance collaboration between businesses and vendors, helping to reduce bottlenecks. They explore how ERP use can help target inefficiencies in resource use and improve business outcomes. Finally, students explain how ERP can help organizations adapt during business downturns.This course is open only to current Aerospace Joint Apprenticeship Committee (AJAC) enrolled students.

OS 105 - Enterprise Resource Planning (5)

Enterprise Resource Planning (ERP) refers to a method or type of software that organizations use to manage day-to-day activities. In this course, students will explore ways that ERP is used to efficiently manage demand and procurement. They will explain how ERP is used to quantify resource use, and better plan production jobs and product delivery. Students will use ERP to create invoices to send directly to customers or create and transmit import and export documentation required for cross-border shipments. Students will also identify how ERP processes enhance collaboration between businesses and vendors, helping to reduce bottlenecks. Students will explore how ERP use can help target inefficiencies in resource use and improve business outcomes. Finally, students will explain how ERP can help organizations adapt during business downturns. 3.5 hours of safety in this course.

OS 106 - Production and Project Mgmt (5)

Students will build on their knowledge of project management and explore techniques for getting projects back on track. They will focus on assigning project roles and responsibilities, problem solving, and risk management. Students will gain an understanding of tools and processes to help complete projects on time and within operation production goals. This course will include some real examples of project management challenges being experienced by their classmates and the class will explore ideas to address those challenges. Students will recognize the importance of their roles as mentors to teach their teams problem solving skills. They will explore the concept of root cause analysis for identifying problems. They will practice ways to prioritize, plan, and efficiently solve problems once they have been identified. Students will be introduced to several methods of problem solving and explore one in detail.

PEHW-Phys-Ed-Health-and-Wellness

PEHW 100 - Beginning Yoga (1-2)

A unique exercise program to improve fitness through development of flexibility, strength and vitality. Special emphasis on yoga techniques for stress reduction, relaxation, posture and deep breathing. Introduction to visualization and meditation plus yogic diet, lifestyle and philosophy. May be repeated two times for credit.

PEHW 101 - Intermediate Yoga (1-2)

Progressive training in yoga postures with breath techniques and sequence development. Exploration of yogic diet, lifestyle,

meditation and philosophy. Demonstration of greater understanding of yoga and personal practice through teaching yoga within the classroom. May be repeated two times for credit.

Prerequisite: PEHW 100 with a grade C or higher.

PEHW 102 - Tai Chi (1)

Classical Chinese exercise. Effortless, rhythmic art stressing slow breathing and relaxed postures and absolute calmness of mind. Promotes health and inner tranquility. May be repeated two times for credit.

PEHW 103 - Beginning Karate (1-2)

Fundamentals of the martial art of Karate. Basic techniques with a strong emphasis on physical fitness and self-defense. Effectively increases endurance, confidence, coordination and personal strength, both physically and mentally. It is an excellent supplementary sport to increase agility. Strongly recommended for exercise and self-defense for both men and women.

PEHW 104 - Intermediate Karate (1-2)

Intermediate karate is the continuation of Beginning Karate/Self-Defense with emphasis on correct mental attitude, physical fitness, and self-defense. Practice on timing, agility and balance, and preparation of students for the first color belt. May be repeated two times for credit.

Prerequisite: Completion of PEHW 103 with a C or higher.

PEHW 105 - Advanced Karate (1-2)

Advanced Karate is the continuation of Intermediate Karate with strong emphasis on perfect execution of advanced techniques. Timing, distance, and use of the correct technique at the correct time are stressed. Strong emphasis on physical fitness and protection for men and women. May be repeated two times for credit.

Prerequisite: Completion of PEHW 104 with a C or higher.

PEHW 110 - International Folk Dance (1-2)

Physical and mental exercise while participating in a variety of international folk and line dances. Basic steps, formations, and dance positions of various international and American folk and line dances. May be repeated two times for credit.

PEHW 111 - Kick Boxing Aerobics (1-2)

A dynamic low impact aerobic workout combining punches, jabs, and variety of kicks to strengthen upper and lower body. Effectively increases endurance, coordination, strength and balance. May be repeated two times for credit.

PEHW 113 - Bench Step Aerobics (1-2)

Bench stepping for aerobic conditioning. Exercises for flexibility, strength, cross training, and step combinations, performed on a lightweight platform designed for step training. Bench step aerobics is low impact with high intensity fitness training. May be repeated two times for credit.

PEHW 114 - Zumba (1-2)

Improve your fitness in aerobic exercise routines set to Latin-infused dance music. Routines feature interval training sessions with fast and slow rhythms and resistance training to help tone and sculpt the body. May be repeated two times for credit.

PEHW 116 - Cardio Fusion (1-2)

Workout set to music is designed to train various aspects of fitness through activities such as boot camp, High Intensity Interval Training (HIIT), circuit training, and floor and step aerobics. Stability and BOSUÂ® balls, weights, heavy balls, and flex tubing round out total body conditioning. Emphasis on safe and proper technique and body mechanics. No previous exercise experience is necessary.

PEHW 119 - Intro Strength/Condition (1-2)

Designed for students pursuing collegiate athletics or public safety careers. Information will be provided on proper techniques and program design for weight lifting, mobility, stability, speed, and agility. Various types of periodization strategies are introduced. Recommended prerequisite: PEHW 125 or instructor permission

PEHW 120 - Circuit Fitness (1-2)

Fast fitness! Circuit fitness develops cardiovascular fitness, muscular endurance, and flexibility through the use of weight machines, treadmills, rowing machines, and exercise bikes. Improve your fitness in minimum time with maximum benefits. May be repeated two times for credit.

PEHW 121 - Walk, Jog, Run (1-2)

Walk, jog and run your way to improved fitness. Correct techniques, basic physiology, and training methods for walking, jogging and running. May be repeated two times for credit.

PEHW 123 - Spin Cycling (1-2)

Indoor stationary cycling combines basic cycling movements with motivational coaching and heart rate training to create a great cardiorespiratory workout with no impact. Designed for all fitness levels. May be repeated two times for credit.

PEHW 124 - Intro to Weight Training (2)

Intro to basic weight training and flexibility exercises designed to improve muscle tone and physical conditioning.

PEHW 125 - Weight Training-Level 1 (1-2)

Proper resistance training techniques and program design concepts are introduced. Students create personalized workouts based on individual fitness assessments. May be repeated two times for credit.

PEHW 126 - Weight Training-Level 2 (1-2)

Proper resistance training techniques and program design concepts are taught in detail, building upon concepts from PEHW 125. Supersets, compound sets, and The Big Six movements (squat, bend/deadlift, lunge, push, pull, twist) are introduced. Students create personalized workouts based on individual fitness assessments. Various types of periodization strategies are introduced. May be repeated two times for credit.

Prerequisite: Completion of PEHW 125 with a C or higher.

PEHW 128 - Women On Weights (1-2)

Individualized conditioning program for various components of fitness. Strength on the stability ball, free weights, circuits, cardio/step with additional focus on learning principles of fitness to create personalized workouts. Course is open to all students. May be repeated two times for credit.

PEHW 148 - Volleyball (1-2)

Practice and development of volleyball skills: serving, passing, setting, and spiking. Rules and court strategy through team play.

PEHW 149 - Basketball (1-2)

Basketball techniques and skills: dribbling, passing, and shooting. Practice and development of offensive and defensive strategy through competitive play.

PEHW 199 - Special Project - Phys Educ (1-5)
PEHW 201 - Emergency Response (5)

Provides information and practice necessary for development of personal judgment, first aid knowledge and skills for self-help, help for others, and preparation for emergencies. Includes all levels of CPR. Completion of course may lead to American Red

Cross 'Emergency Response' and 'CPR for the Professional Rescuer' certifications.

PEHW 203 - Lifetime Health/Wellness (5)

Dimensions of wellness, principles of and training for health-related fitness, the relationship of lifestyle habits to chronic disease, basic nutrition, stress management, and wellness for life.

Prerequisite: Eligibility for ENGL& 101.

PEHW 235 - Consumer Health (5)

Identify reliable sources of health information; differentiate between legitimate and fraudulent nutrition, exercise, weight loss, and health product claims; select appropriate health-care providers, products, and services.

Prerequisite: Eligibility for ENGL& 101.

PHIL - Philosophy

PHIL 110 - Social Ethics (5)

Social-ethical study of society focusing on the 'great burning issues of the day.' Students will be encouraged to think for themselves and engage the instructor and one another in dialogue about some of the most controversial disputes of the day. The specific topics covered will vary from year to year.

PHIL 114 - Ethics & Policy Healthcare I (2)

Explores values, ethics, and legal decision-making frameworks and policies used to support the well-being of people and groups within the context of the healthcare professions. This content is embedded into and taught seamlessly with the theory content in NURS 110.

Prerequisite: Concurrent enrolled in NURS 110; AND successful admission into EvCC Nursing Program.

PHIL 125 - Ethics 21st Cent. World Cinema (5)

This course is a study of important approaches to moral thought using both philosophical texts and foreign films from the 21st century. Students will become better equipped to understand and critique why individuals from around the world differ in their moral judgments.

PHIL 214 - Ethics/Policy Healthcare II (1)

Applications and analysis of values, ethics, and legal decision-making frameworks and policies used to support the well-being of people and groups within the context of the healthcare professions.

Prerequisite: Concurrent enrollment in NURS 210, NURS 216/NUTR 216; AND completion of NURS 130.

PHIL 215 - Ethics (5)

Study of some of the more important questions that have shaped the development of moral philosophical thought from ancient times to the present. Students will be encouraged to think for themselves and engage the instructor and one another in dialogue about the most ethically correct course of action in a wide variety of applications. Focus is on understanding why individuals differ in their moral judgments, and the tools needed to continue investigations of ethical issues.

Prerequisite: Eligibility for ENGL& 101.

PHIL 234 - Ethics/Policy Healthcare III (2)

Analyzes and applies values, ethics, and legal decision-making frameworks and policies used to support the well-being of people and groups within the context of the healthcare professions. This content is embedded into and taught seamlessly with the theory content in NURS 230.

Prerequisite: Concurrent enrollment in NURS 230, NURS 235/PSYC 235; AND completion of NURS 220.

PHIL 267 - Philosophy of Religion (5)

A philosophical study of religious thought focusing primarily on the religious-philosophical and theological thinking associated with Christianity but not excluding Judaism, Islam, Buddhism or Hinduism.

PHIL 360 - Business Ethics (5)

Investigate ethical problems in business through ethical theories, course readings, selected articles and case studies. Original research and discussion of business related ethical issues such as social responsibility in corporate culture and governance, whistle-blowers, ethics in marketing and outsourcing, environmental sustainability, employee rights, and equity in hiring and advancement.

Prerequisite: ENGL& 101 and admission to the BAS in Accounting program.

PHIL-Philosophy-CCN

PHIL& 101 - Introduction to Philosophy (5)

Study of the more important questions that have shaped the development of philosophical thought throughout history. Areas of investigation include: the nature of reality, the nature of knowledge, the nature of personal identity, and the nature of the mind.

PHIL& 115 - Critical Thinking (5)

Focus on analyzing, evaluating, and constructing thought in clear logical fashion, with application to various fields. The criteria to be used when determining truth and falsity will also be examined. The course is a non-symbolic approach to logic and does not fulfill a quantitative skills requirement.

PHIL& 120 - Symbolic Logic (5)

The course is a study of the methods and principles used to distinguish correct from incorrect reasoning. After establishing a few basic concepts, the course will proceed to discuss three types of symbolic logic: Categorical, Propositional, and Predicate. Students are expected to participate in working through problems and proofs presented in the text and in class.

Prerequisite: Eligibility for MATH 96.

PHOTO - Photography

PHOTO 110 - Intro to Digital Photography (5)

Introductory course in photography. Technical skills covered include DSLR camera operation, Adobe Lightroom processing techniques and output methods. Aesthetic concerns include traditional design and compositional theory. Critique sessions and written assignments encourage development of creative process, visual literacy and critical thinking. Designed for anyone interested in photography, both photo majors and non-majors.

PHOTO 111 - B&W Digital Photography (5)

Black and white imaging as the basis for learning technical skills including manual DSLR camera operation, RAW exposure, RAW Photoshop workflow, printing and presentation techniques. Aesthetic concerns include traditional design and compositional theory. Group critique sessions and written assignments encourage development of creative process, visual literacy and critical thinking.Required for AFA Photography majors.

Prerequisite: PHOTO 110 with a grade of C or higher.

PHOTO 112 - Creative Explorations (5)

Exploration of nontraditional image creation tools and processes as the basis for the advancement of the creative process. Projects will focus on concept development, material and visual experimentation, and alternative presentation methods. Group

critiques provide the opportunity to investigate intention, cultural and social context, interpretation, and evaluation via verbal discussions and written statements.

Prerequisite: PHOTO 110 with a grade of C or higher.

PHOTO 170 - College Newspaper/Photo (3)

Photojournalism for The Clipper, the college newspaper. News, features, sports, and Photo-illustration. Page design and layout emphasized. Photographers work with student editors, reporters, and co-advisers. May be repeated two times for credit.

PHOTO 195 - Foundation Portfolio Rev (3)

Portfolio review of student work from core curricula courses. Students work with program instructors to develop and review portfolio prior to continuation with advanced courses. Instructors evaluate submitted portfolio to determine readiness for advanced level courses leading to an AFA degree.

Prerequisite: ART 110, GRAPH 110, PHOTO 110, PHOTO 111, and PHOTO 230, each with a grade of C or higher.

PHOTO 199 - Special Projects (1-3)
PHOTO 210 - Color Theory: Concept/Practice (5)

Introduction to contemporary color theory for photographers. Explores advanced capture techniques and multiple post processing tools for color manipulation. Projects will focus on both creative development and the strengthening of practical skills from concept to presentation. Through group critiques students investigate idea development, cultural and social context, interpretation, and evaluation via verbal discussions and written statements.

Prerequisite: PHOTO 111 with a grade of C or higher.

PHOTO 211 - Adv Process Digital Photo (5)

Study and application of advanced digital processes. May include but not limited to: digital pinhole photography, image restoration, advanced retouching, advanced masking and compositing methods for correction and creative purposes. Advanced printing techniques and alternative exhibition strategies also explored.

Prerequisite: PHOTO 111 with a grade of C or higher.

PHOTO 212 - Visual Thesis Project (5)

Advanced students develop a body of personal work based on a project proposal, to be publicly exhibited. The process includes a written proposal, the development of the work based on multiple critiques, an oral presentation, several written statements and the production of the work to be formally exhibited.

Prerequisite: PHOTO 111 with a grade of C or higher, and five (5) other 5-credit Photography courses, each with a grade of C or higher.

PHOTO 230 - History of Photography (5)

An overview of the history of photography with attention to aesthetic and cultural context and photography's multiple functions in society. Provides the student with the concepts necessary to effectively view and interpret photographic imagery as both artistic expression and factual report.

PHOTO 243 - Studio Lighting Photo & Video (5)

Study of constant studio lighting and digital camera techniques. Includes digital camera capture and workflow, concepts in studio lighting, subject and spatial manipulation techniques applicable for use with still and/or motion photography. Equipment is provided.

Prerequisite: Completion of PHOTO 111 with a C or higher.

PHOTO 244 - Studio Light Portraiture (5)

Study of studio and location lighting strategies for use in digital photographic portraiture. Includes strobe and flash systems, traditional and non-traditional portraiture, posing, set design, layout, and directing. Student projects and final body of work may be personal or commercial in nature. Studio strobes, flash systems, digital cameras, meters, and grip equipment provided. May work in black and white, color, or both.

Prerequisite: Completion of PHOTO 111 with a C or higher.

PHOTO 299 - Special Projects (1-5)

For advanced student working on special projects other than those included in regular photography curriculum. Instruction permission required.

PHYS - Physics

PHYS 102 - Concepts and Connections (5)

Laboratory-based introduction to physics that explores the nature of the universe using classical and modern theories of physics. Emphasizes the historical development of these theories and the scientific method and role of measurement in science. Emphasizes conceptual rather than mathematical understanding of physics.

Prerequisite: Eligibility for ENGL& 101 AND eligibility for MATH& 141.

PHYS 130 - Fabrication Skills and Safety (1)

Designed to introduce students to the tools used in woodworking and metal fabrication, instruct students in proper use of these tools and safety protocols associated with the tools and a shop in general. This course is a prerequisite for use of tools in the physics/engineering shop and 3-D arts studio.

PHYS 199 - Special Projects (1-5)
PHYS 777 - Transferred-In Course (1)
PHYS 778 - Transferred-In Course (4)
PHYS 888 - Transferred-In Course (1-10)

PHYS-Physics-CCN

PHYS& 114 - General Physics I (5)

The first course in a one-year algebra-based General Physics sequence (PHYS 114-116). Topics include motion, force, momentum and energy.

Prerequisite: Eligibility for ENGL& 101, AND completion of (or concurrent enrollment in) MATH& 142 or MATH& 144 or equivalent.

PHYS& 115 - General Physics II (5)

The second course in a one-year algebra-based General Physics sequence (PHYS 114-116). Topics include periodic motion, mechanical waves and thermodynamics.

Prerequisite: PHYS& 114 AND MATH 138 or MATH& 142 or MATH& 144 or equivalent, each with a grade of C or higher.

PHYS& 116 - General Physics III (5)

The third course in a one-year algebra-based General Physics sequence (PHYS 114-116). Topics include electromagnetism and light.

Prerequisite: PHYS& 114 AND MATH& 142 or MATH& 144 or equivalent, each with a grade C or higher.

PHYS& 231 - Engineering Physics I Lab (1.5)

Basic techniques of analysis useful for modeling experimental results and uncertainties. Working effectively as part of a team. Scientific and engineering report writing. Developing independent research skills. Offered concurrently with PHYS& 241; course material does not directly parallel PHYS241 course material.

Corequisite: Corequisite to PHYS& 241.

PHYS& 232 - Engineering Physics II Lab (1.5)

Basic techniques of analysis useful for modeling experimental results and uncertainties. Working effectively as part of a team. Scientific and engineering report writing. Developing independent research skills. Offered concurrently with PHYS& 242; course material does not directly parallel PHYS242 course material.

Corequisite: Corequisite to PHYS& 242.

PHYS& 233 - Engineering Physics III Lab (1.5)

Development and completion of team-designed experiment(s) utilizing instructor-approved topics. Production of a publication-quality report of results. Offered concurrently with PHYS243.

Prerequisite: Completion of MFG T 103 or PHYS 130 with a C or higher. Corequisite: Corequisite to PHYS& 243.

PHYS& 241 - Engineering Physics I (4)

Mechanics. First quarter of a one-year calculus-based sequence (PHYS 241-243) in classical and modern physics for engineering majors and most science majors planning to transfer.

Prerequisite: MATH& 151 AND PHYS& 114, each with a C or higher, OR passing Physics Placement test, AND eligibility for ENGL& 101. Corequisite: Corequisite: PHYS& 231.

PHYS& 242 - Engineering Physics II (4)

Thermodynamics and waves. Second quarter of a one-year calculus-based sequence (PHYS 241-243) in classical and modern physics for engineering majors and most science majors planning to transfer.

Prerequisite: PHYS& 241 AND MATH& 152, each with a C or higher. Corequisite: Corequisite: PHYS& 232.

PHYS& 243 - Engineering Physics III (4)

Electromagnetism. Third quarter of a one-year calculus-based sequence (PHYS 241-243) in classical and modern physics for engineering majors and most science majors planning to transfer.

Prerequisite: PHYS& 242 AND MATH& 163, each with a C or higher. Corequisite: Corequisite: PHYS& 233.

PMF - Precsn Metal Fab Tech AJAC

PMF 101 - Intro to Precision Metal Fab (5)

Introduce the basics of controlled punching, laser cutting, forming machines and machining operations.

PMF 102 - Precision Metal Fab Technology (5)

Identification and use of tools, tooling theory and construction of tooling.

PMF 103 - Mtrls, Processes, References (5)

Choice of materials and their properties; various processes for converting material into manufacturing parts; and the interrelation between materials and processes, particularly regarding feasibility and cost, the heat treating processes, material identification, and methods of material testing.

PMF 104 - CNC Operation and Setup (5)

Computer numerical control (CNC) setup and operation of punch presses, press breaks, turning centers, and milling machines.

PMF 201 - Shop Math (5)

Relevant mathematical concepts including basic arithmetic, algebra, geometry, and trigonometry for understanding formulas, ratios, and measuring techniques.

PMF 202 - Engineering Drawings (5)

Interpreting technical drawings and transforming drawings into manufactured products.

PMF 203 - Safety and Inspection (5)

Hazardous materials, washers, sealers, masking, coatings and surface finishes.

PMF 204 - CAD and Manufacturing (5)

Navigation within CAD/CAM software, creating three dimensional solid models using industry best practices, and manipulation of assemblies made from these parts.

PM - Property Management

PM 101 - Intro to Property Mgt (5)

Introduction to multi-family affordable housing; programs and operating subsidies; ethics in property management; orientation to themajor functions of property management.

PM 102 - Desk Clerk Operations (5)

Overview of desk clerk operations, procedures, and security.

PM 103 - Tenant Services & Comm (5)

Conflict resolution, complaint handling, social services, and buildingmaintenance. Written correspondence and report writing. Referrals to social services. Includes word processing and email.

PM 104 - Property Mgt - Maint I (5)

This course addresses the skills necessary to work as an entry-level Property Management Maintenance worker. This is the first course in the series.

PM 105 - Property Mgt - Maint II (5)

This course addresses the skills necessary to work as an entry-level Property Management Maintenance worker. This is the second course in the series.

PM 295 - Prop Mgt Clerk Internshp (1-4)

Intern in a housing project under the supervision of a property management director. Requires a minimum of 200 clock hours.

POLS - Political Science

POLS 210 - Politics of Diversity (5)

Introductory analysis of the politics of diversity in the American experience, focusing on how material conditions and societal structures relate to power relations, unequal outcomes, and identity. The course examines diverse approaches to achieving social justice.

Prerequisite: Eligibility for ENGL& 101.

POLS 299 - Special Projects (5)

Independent study and research in any of the aspects or subfields of Political Science. PR: Permission of Instructor.

POLS-Political-Science-CCN

POLS& 101 - Intro. to Political Science (5)

Introductory consideration of fundamental and enduring political questions such as: What is politics? How do political systems begin? What is the value of democracy? What produces political change? Can ordinary citizens make a difference in politics? What are important similarities and differences in various political ideologies and systems? How should such ideologies and systems be evaluated?

Prerequisite: Eligibility for ENGL& 101.

POLS& 200 - Introduction to Law (5)

Introduction to foundational legal concepts and reasoning, exploring the nature of law, distinctions between federal and state court systems, and contrasts between civil and criminal litigation. Through analyzing constitutional cases, students assess the impact of U.S. Supreme Court decisions on the legal landscape and society.

Prerequisite: Eligibility for ENGL& 101.

POLS& 202 - United States Government (5)

Introductory analysis of national policy-making in the United States. Explores constitutional origins and development; influence of public opinion, media, political parties, elections, and interest groups; roles of Congress, Presidency, federal bureaucracy, and courts in policy-making; and key policies including civil rights and civil liberties.

Prerequisite: Eligibility for ENGL& 101.

POLS& 203 - International Relations (5)

Introductory analysis of relations between and among nation states and other actors in the global system. Nationalism and its expressions; alternatives to nationalism; formulating and implementing foreign policy; instruments of and restraints on power; major global problems; future scenarios.

Prerequisite: Eligibility for ENGL& 101.

POLS& 204 - Comparative Government (5)

Introductory comparative analysis of national political systems, including those identified as Western Democratic, Authoritarian and Transitional. Topics include: levels of development; ideologies; constitutions; forms of participation; structures of government; policies.

Prerequisite: Eligibility for ENGL& 101.

PPT - Plastics Process Tech AJAC

PPT 223 - Manufacturing Management (5)

In this course, plastics processing apprentices will learn essential management concepts for the modern manufacturing industry.

PSYC - Psychology

PSYC 125 - Psychosocial Issues I (2)

Examines some determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. This content incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 120.

Prerequisite: Concurrent enrollment in NURS 120, NURS 126/NUTR 126; AND completion of NURS 110.

PSYC 180 - Drugs, Behavior and Society (5)

Introduction to psychopharmacology (the study of the effects of drugs on the brain and behavior) and the processes of drug addiction. An overview of drug use historically and in contemporary society from community and biopsychosocial perspectives. Examines strategies for drug abuse prevention/education and intervention approaches. Explores issues surrounding drug use and its relationship to crime, medicalization in our society, and various movements aimed at drugs.

Prerequisite: Eligibility for ENGL& 101.

PSYC 205 - Introduction to Personality (5)

Examination of theoretical approaches to personality, major philosophical positions, experimental methods, and data used in evaluating various personality theories.

Prerequisite: PSYC& 100 with a grade of C or higher, AND eligibility for ENGL& 101.

PSYC 209 - Research Methods in Soc Sci (5)

Overview of the scientific method as used in the social sciences. Major topics include the principles of empirical science, hypothesis generation and testing, research design, data analysis and interpretation, the dissemination of scientific knowledge, and ethical issues in research. Credit cannot be earned in both PSYC 209 and SOC 209.

Prerequisite: PSYC& 100 or SOC& 101 with a grade of C or higher.

PSYC 210 - Human Sexuality (5)

Survey of biological, psychological, and social determinants of human sexuality and sexual behavior from diverse perspectives as they relate to culture, gender, sexual orientation, disabilities, and age. Topics include cultural diversity, sexual development (physical and psychological), sexual health, reproduction (pregnancy, contraception, abortion), development of sex, gender and sexual orientation, lifespan sexuality, and adult sexual relationships.

Prerequisite: Completion of PSYC& 100 with a C or higher, AND eligibility for ENGL& 101.

PSYC 215 - Psychosocial Issues II (1)

Examines determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. This content incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 210.

Prerequisite: NURS 130, and concurrent enrollment in NURS 210.

PSYC 225 - Psychosocial Issues III (1)

Examines some determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. This content incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 220.

Prerequisite: Concurrent enrollment in NURS 220, NURS 226/NUTR 226; AND completion of NURS 210.

PSYC 230 - Cognition/Learning/Motivation (5)

Course aims at establishing enduring links between psychological theory, research, and their classroom applications. The focus of PSYC 230 is on cognitive, motivational, and affective development in children and adolescents. Specifically, this body of knowledge comprises biological, perceptual, cognitive, social, and moral development. Course includes reviews and examinations of contemporary educational trends and their impact on individual learning, the school system, and the community.

Prerequisite: Completion of PSYC& 100 with a C or higher, AND eligibility for ENGL& 101.

PSYC 235 - Psychosocial Issues IV (1)

Examines some determinants of health and illness including social, psychological, environmental, spiritual, and cultural dimensions across the lifespan and within the context of healthcare. This content incorporates knowledge acquired in prerequisites and is embedded into and taught seamlessly with the theory content in NURS 230.

Prerequisite: Concurrent enrollment in NURS 230. NURS 234/NUTR 234; AND completion of NURS 220.

PSYC 240 - Social Psychology (5)

Scientific study of the way individuals think, feel and behave in social situations. Applies the scientific methods used in the field to study social behavior and social issues. Common topics include self, social cognition, stereotyping, prejudice, and discrimination, attraction, aggression, altruism, attitudes, and group processes. Also offered as SOC 240. Credit may not be earned in both PSYC 240 and SOC 240.

Prerequisite: PSYC& 100 OR SOC& 101 with a grade of C or higher, AND eligibility for ENGL& 101.

PSYC 256 - Special Topics: Psych Seminar (3-5)

Introduction to contemporary or classic psychological topics. Quarter topics will be determined by faculty or student interest/demand. This format allows for interdisciplinary approaches that include the concept of learning communities. Intended to examine in-depth, current or traditional, psychological issues that normally cannot be examined at this level of interaction-participation in large survey courses. May be repeated two times for credit.

Prerequisite: Any 100-level Social Sciences course with a grade of C or higher AND completion of ENGL& 101.

PSYC 299 - Special Projects (1-5)

PSYC-Psychology-CCN

PSYC& 100 - General Psychology (5)

Psychology as a science using the biopsychosocial approach to explain human behavior and mental processes. Topics include the brain and nervous system, learning and memory, research methods in psychological science, and psychological disorders. Additional topics may include heredity and human development, consciousness, sense and perception, intelligence, motivation and emotion, sex and gender, stress and human flourishing, personality, social behavior, and psychological therapies.

Prerequisite: Eligibility for ENGL& 101.

PSYC& 200 - Lifespan Psychology (5)

Study of quantitative and qualitative developmental changes that occur throughout the human lifespan from conception to death. Emphasis on understanding physical, emotional, social and cognitive development.

Prerequisite: PSYC& 100 with a grade of C or higher, AND eligibility for ENGL& 101.

PSYC& 220 - Psychological Disorders (5)

Overview of psychological disorders, diagnosis, and treatment approaches. Investigation of the origins, symptoms,

development of mental health conditions, and understanding the biopsychosocial factors that contribute to these conditions through the lens of the most current Diagnostic and Statistical Manual of Mental Disorders (DSM).

Prerequisite: PSYC& 100 with a grade of C or higher, AND eligibility for ENGL& 101.

RUSS-Russian-CCN

RUSS& 121 - Russian I (5)

Beginning sequence of courses to practice functional elements of Russian pronunciation, grammar and culture in the context of practical conversational Russian. Listening, speaking, reading, and writing to communicate in Russian in a logical, natural, and personalized way.

RUSS& 122 - Russian II (5)

Second in a sequence of courses to practice functional elements of Russian pronunciation, grammar and culture in the context of practical conversational Russian. Listening, speaking, reading, and writing to communicate in Russian in a logical, natural, and personalized way.

Prerequisite: RUSS& 121.

RUSS& 123 - Russian III (5)

Third in a sequence of courses to practice functional elements of Russian pronunciation, grammar and culture in the context of practical conversational Russian. Listening, speaking, reading, and writing to communicate in Russian in a logical, natural, and personalized way.

Prerequisite: RUSS& 122.

RUSS& 221 - Russian IV (5)

Continuation of RUSS 123. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: RUSS& 123.

RUSS& 222 - Russian V (5)

Continuation of RUSS 221. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: RUSS& 221.

RUSS& 223 - Russian VI (5)

Continuation of RUSS 222. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: RUSS& 222.

SOC - Sociology

SOC 170 - Intro to Power & Privilege (5)

Introductory survey of the individual and institutional issues of power and privilege in the United States. Explores historical, structural, and institutional biases, responses, behaviors, and practices that impact individuals and groups. Analysis of the ways that race, gender, sexuality, socio-economic status, ability, and religion influence the dominant U.S. culture, as well as the ways that individuals and groups have challenged and resisted these norms in search of a just society.

Prerequisite: Eligibility for ENGL& 101.

SOC 209 - Research Methods in Soc Sci (5)

This course will provide an overview of the scientific method as used in the social sciences. Major topics include the principles of empirical science, hypothesis generation and testing, research design, data analysis and interpretation, the dissemination of scientific knowledge, and ethical issues in research. Credit cannot be earned in both PSYC 209 and SOC 209.

Prerequisite: PSYC& 100 or SOC& 101 with a grade of C or higher.

SOC 220 - The Family (5)

Analysis of the family as a social institution utilizing cross-cultural, historical, and contemporary perspectives. Examination of the changing conceptions of family, emergent norms, family crises, and the effects of public policy.

Prerequisite: Eligibility for ENGL& 101.

SOC 233 - Sociology of Nonviolence (5)

Explores the social and political foundations of nonviolence in a variety of social institutions and settings: interpersonal, community, national and international. Discussion of secular and religious approaches to nonviolence for both individual and society; exploration of the relationship of social ideals like peace to other social goals such as justice, security, and freedom; and research into various social and political movements based in theories of nonviolence.

Prerequisite: Eligibility for ENGL& 101.

SOC 240 - Social Psychology (5)

Social psychology is the scientific study of the way individuals think, feel and behave in social situations. It applies the scientific method of systematic observation, description, and measurement to the study of individuals in various social situations. Theories and research include person perception, attraction, aggression, altruism, attitudes and attribution. Also offered as PSYC 240. Credit may not be earned in both SOC 240 and PSYC 240.

Prerequisite: Completion of PSYC& 100 OR SOC& 101 or equivalent with a C or higher, AND eligibility for ENGL& 101.

SOC 255 - Medicine across Cultures (5)

Cross-cultural analysis of the environmental, historical, biological and cultural contributions to illness and health. Also offered as ANTH 255. Credit may not be earned in both SOC 255 and ANTH 255. Writing assignments represent a significant component of coursework.

Prerequisite: Eligibility for ENGL& 101.

SOC 260 - Comparative Religions (5)
SOC 299 - Special Projects (1-5)

Independent study and research in sociology. Prerequisite: Permission of instructor.

SOC-Sociology-CCN

SOC& 101 - Introduction to Sociology (5)

Study of society. General survey of cultural and social systems and their relationship to the lives of individuals.

Prerequisite: Eligibility for ENGL& 101.

SOC& 201 - Social Problems (5)

Analysis of structural factors contributing to various social problems. Study of theoretical, historical and practical models to resolve these problems.

Prerequisite: Eligibility for ENGL& 101.

SPAN - Spanish

SPAN 111 - Conversational Spanish I (2)

First in a sequence of oral communication courses designed to accompany SPAN 121, 122 and 123. Emphasis on oral skills with practice and reinforcement of pronunciation, grammar and conversational patterns.

Prerequisite: Concurrent enrollment in SPAN& 121.

SPAN 112 - Conversational Spanish II (2)

Second in a sequence of oral communication courses designed to accompany SPAN 121, 122 and 123. Emphasis on oral skills with practice and reinforcement of pronunciation, grammar and conversational patterns.

Prerequisite: Concurrent enrollment in SPAN& 122.

SPAN 113 - Conversational Spanish III (2)

Third in a sequence of oral communication courses designed to accompany SPAN 121, 122 and 123. Emphasis on oral skills with practice and reinforcement of pronunciation, grammar and conversational patterns.

Prerequisite: Concurrent enrollment in SPAN& 123.

SPAN-Spanish-CCN

SPAN& 121 - Spanish I (5)

First in a sequence of courses to practice functional elements of Spanish pronunciation, grammar and culture in the context of practical conversational Spanish. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

SPAN& 122 - Spanish II (5)

Second in a sequence of courses to practice functional elements of Spanish pronunciation, grammar and culture in the context of practical conversational Spanish. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: SPAN& 121 or placement test.

SPAN& 123 - Spanish III (5)

Third in a sequence of courses to practice functional elements of Spanish pronunciation, grammar and culture in the context of practical conversational Spanish. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

Prerequisite: SPAN& 122 or placement test.

SPAN& 221 - Spanish IV (5)

Continuation of SPAN 123. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: SPAN& 123 or placement test.

SPAN& 222 - Spanish V (5)

Continuation of SPAN 221. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: SPAN& 221 or placement test.

SPAN& 223 - Spanish VI (5)

Continuation of SPAN 222. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.

Prerequisite: SPAN& 222 or placement test.

STEM - Science Tech Engr and Math

STEM 101 - College Success In STEM (2)

Orientation to academic and career opportunities in Science, Technology, Engineering and Math (STEM). Introduction to functions, responsibilities and characteristics of professionals in STEM related disciplines. Includes presentations by guest speakers from industry and universities sampling the breadth of educational and professional options. Development of academic and personal skills and attitudes that promote success in college study. Satisfies COLL 101 requirement for new degree seeking students.

STEM 102 - Equity in STEM (3-5)

Project-based introduction to science, technology, engineering, and mathematics (STEM), focusing on introductory skills in problem solving, mathematical reasoning, and communication. Working in teams, students will contribute to a quarter-long environmental justice project designed to explore various STEM disciplines (i.e. chemistry, biology, and physics) and their interconnectedness. Content will include application of developmental math concepts; units and dimensions; precision and tolerance; teamwork skills; and an introduction to basic software applications.

STEM 103 - Intro Scripting using Python (3-5)

Introductory course for students interested in Science, Technology, Engineering, and Mathematics (STEM) to gain familiarity with programming concepts using Python, while focusing on problem-solving, reasoning, and communication. Uses datasets from fields such as astronomy, biology, linguistics, oceanography, open government, social networks, and more. Includes group work and multi-day projects.

Prerequisite: Eligibility for MATH 96, or concurrent enrollment in MATH 86 or TS 86.

STEM 298 - Interdisciplinary Design Proj (1-2)

Design projects open to all students in design and manufacturing related fields. Class structure guides interdisciplinary student teams through a process of conceptualizing a project, developing and documenting a detailed design, fabricating a prototype, testing, analysis, and reporting. All students are engaged in all aspects of their project regardless of their home program or discipline. Design projects may be oriented toward regional design competitions. Specific project requirements are tailored to students' educational and practical experience levels. Course may be repeated for credit, enabling students to pursue projects one to three quarters in duration. Lab section provides access to college fabrication facilities and is optional.

STEM 299 - Special Projects in STEM (1-5)

TS - Transitional Studies

TS 11 - Educational Interview (1-3)

A learner-focused course designed to orient students to the ABE/HSC program and other resources and services. Course will appraise students on their current abilities, characteristics, backgrounds, and interests. Course will review goals and create a plan of action to meet those goals.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 31 - Reading HS US History I (5)

Analysis of important themes in American social and political history from Revolutionary America to the Civil War. Development of academic literacy including evaluation of content, examining points of view and text analysis.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 32 - Reading Amer Govt/Civics (5)

Emphasis of this class on the critical role of American citizenship through discussion of the Constitution and the Bill of Rights. Students will read, write, listen, speak and think critically about how our government operates and their rights and responsibilities as citizens.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 33 - Reading HS US History II (5)

Analysis of important themes in American social and political history from Reconstruction to the 20th Century. Development of academic literacy including evaluation of content, examining points of view, and text analysis.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 34 - Reading WA State History (5)

Integrated reading, writing, listening, speaking, and critical thinking focusing on Washington State History through multicultural perspectives. Students will examine Washington's social, cultural, economic, geographical and political history as well as explore current State issues.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 37 - Reading HS WA/US History II (5)

Analysis of important themes in American social and political history from Revolutionary America to the present with regional dimensions in Washington State and the Pacific Northwest. Includes the development of literacy, response techniques and interpretation of materials with an emphasis on cause and effect.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 44 - Basic ELA Computer Skill (5)

This course is designed for ELA students who need basic introductory computer and keyboarding skills. Emphasis is on basic computer skills and learning strategies to help students transition to the college-level classes or workplace. No prior computer experience is necessary; recommended for students who are new to computers and hesitant about using technology in a learningenvironment.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 53 - Life Science I (5)

Basic development of two of the five core ideas in the life sciences; structures and function; inheritance and variation of traits. Analysis of scientific methods and critical thinking. Integrated activities and completion of a science project are required.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the

last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 54 - Life Science II (5)

Basic development of three of the five core ideas in the life sciences: matter and energy in organisms and ecosystems; inter-dependent relationships in ecosystems; natural selection and evolution. Analysis of scientific methods and critical thinking. Integrated activities and completion of a science project are required.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 60 - Basic Math Skills II (5)

Fractions, decimals, proportions; order of operations; evaluation and simplification of algebraic expressions with whole numbers; solving algebraic equations with whole numbers. Equivalent to HSC 60. Credit cannot be earned in both HSC 60 and TS 60.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 64 - Reading Essentials (5)

Reading skills designed to introduce students to the academic classroom. Focus on personal, social, cognitive and knowledge-building framework for reading. Introduction to a variety of texts, including those with diversity and social justice themes.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 66 - Basic Computer Skills (5)

Designed for students who need introductory computer, technology and keyboarding skills. Emphasis is on basic computer skills and learning strategies to help students transition to college-level classes. No prior computer experience is necessary; recommended for students who are new to computers and hesitant about using technology in a learning environment.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 70 - Preparation for Algebra (5)

Proportions and percentages; integers; order of operations; evaluation and simplification of algebraic expressions; solving algebraic equations with fractions, decimals and integers.

Prerequisite: TS 60 with a C or higher. Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 72 - Intermediate Conversation (3)

Equips students with English listening and speaking skills for academic and personal success. Intended for students taking or eligible to take TS 77 or 87.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 73 - Intermediate Grammar (3)

Focus on basic sentence structure and verb tenses. Prepares students to express their thoughts and ideas in complete sentences with accurate sentence boundaries in both spoken and written forms. Intended for students taking or eligible to take TS 77.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 74 - Intro/College Navigation (5)

Focus on college preparation, reading for meaning and information, and study skills. Designed for the student who is returning to school or is seeking ways to survive in college. Identify learning styles, manage time, utilize student support services, read textbooks, take notes and tests, and use library and EvCC webpage resources. Major and career options will be explored and FAFSA will be introduced.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 76 - Mathematical Literacy (5)

Review of basic concepts in mathematics focusing on real-world applications and conceptual understanding. Topics include: prime factorizations; operations on rational numbers; evaluation of algebraic expressions; ratios, proportions, and percentages; reading graphical interpretations of data; plotting graphs; writing linear relationships using algebra. Equivalent to MATH 76 and HSC 76. Credit cannot be earned in both TS 76 and either MATH 76 or HSC 76.

Prerequisite: Eligibility for HSC 76 or TS 76 or MATH 76.Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 77 - Introduction to Writing (5)

Introduction to writing through developing knowledge of grammar, usage and sentence structure. Students learn to organize ideas logically, express opinions and provide supporting ideas. Students learn how to provide a concluding statement, do a short research project and take notes on information they have gathered. Students participate in class and small group discussions and explore further education opportunities.

Prerequisite: ELA 30 with a grade of C or higher.Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 81 - Geometry I (5)

A basic introduction to the following concepts: congruence, proof, and constructions; similarity and trigonometry; extending to three dimensions.

TS 82 - Exploring STEM through Geom (5)

Introduction to STEM through a series of applied mini-projects that integrate design, analysis, and fabrication. Emphasize the interconnectedness of science, technology, engineering, and mathematics. Apply geometric transformations, explore the significance of measurement, proof of theorems through transformations, explore figures with constraints, and solve applied problems using engineering principles with real-world problems. Use tools such as CAD software, 3D printers, CNC machines, and laser cutters. Incorporates the scientific method and engineering design process, fostering analytical thinking and practical application in STEM fields.

Prerequisite: Eligibility for TS 86 or MATH 86Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 83 - High Intermediate Grammar (3)

Focus on various sentence structures and verb tenses. Improve accuracy in both spoken and written forms of communication. Intended for students who are taking or eligible to take TS 87.

TS 84 - Intro to College Reading (3-5)

Designed to improve students' reading knowledge, skills and abilities in order to prepare for college courses that require reading. Emphasis on reading using metacognitive processes, preparing for and taking part in discussion groups, and building fluency and vocabulary. Equivalent to DEVED 84. Credit cannot be earned in both TS 84 and DEVED 84.

Prerequisite: TS 74 with a C or higher.Students must have completed the TS orientation & assessment or taken a TS class

within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 86 - Intermediate Algebra (5)

Introductory course in mathematical reasoning, focusing on real-world applications and conceptual understanding. Topics include ratios and percentages, linear models, quadratic applications, algebraic manipulation, statistical measures of center, and geometry. Equivalent to MATH 086 and HSC 086. Credit cannot be earned in TS 86 and either MATH 086 or HSC 086.

Prerequisite: Eligibility for HSC, TS, or MATH 86.Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 87 - Writing & Academic Plan (5)

Development of grammar, punctuation and sentence style skills including compound and complex sentences. Topics in writing include understanding academic opportunities that will lead to transition to college or vocational programs.

Prerequisite: Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 92 - Advanced Conversation (3)

Equips students with English listening and speaking skills to improve communication for academic and career success. Intended for students taking or eligible to take TS 97 or TS 98.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 93 - Advanced Grammar (3)

Focus on various sentence structures and editing skills that help students accurately express their thoughts and ideas in both spoken and written forms of communication. Intended for students taking TS 97 or TS 98.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 94 - Intro/Reading Literature (5)

Reading to advance comprehension, critical thinking and vocabulary skills as well as enhance confidence in preparation for reading college literature assignments. Focus on reading longer works of both fiction and non-fiction with a multicultural perspective. Students will engage in the group process as they discuss different texts.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 95 - Prior Learng Experience (3)

Students will assess, with the assistance of instructor, their current academic abilities and needed level of competencies in reading, writing, and math in order to develop a portfolio with future academic and career plans. At the end of the course, students will have completed a plan that details the remaining requirements towards their adult high school diploma or equivalent certificate.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 96 - Transitional Computer Skills (5)

This course is designed for students who need basic computer confidence and skill-building. Emphasis is on basic computer skills and learning strategies to help students succeed in college-level classes. No prior computer experience is necessary; recommended for students who are new to computers and hesitant about today's technology as used in college classrooms.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 97 - Intro/College Paragraphs (5)

Prepares students for college writing, including advanced grammar and sentence styles and the paragraph structure. Introduces information literacy, research skills, and group projects. Equivalent to ENGL 097 and HSC 097. Credit cannot be earned in both TS 097 and either ENGL 097 or HSC 097.

Prerequisite: Students must have completed the TS orientation & assessment or taken a TS class within the last 6 months. Contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 98 - Intro/College Essays (5)

Prepares students for college writing, including formal academic writing styles and the essay structure. Introduces information literacy, research skills, and documentation styles in order to transition successfully to college level classes. Equivalent to ENGL 098 and HSC 098. Credit cannot be earned in both TS 098 and either ENGL 098 or HSC 098.

Prerequisite: Students must have completed the Transitional Studies orientation and assessment or taken a TS class within the last 6 months. Please contact Transitional Studies at transitional@everettcc.edu or Rainier Hall Rm 227.

TS 99 - Academic Support Modules (1-5)

The Academic Support Module course will offer 1-5 credit modules in pre-college level reading, learning strategies, study skills support, and basic computer technology for academic success in college classes.

WELD - Welding and Fabrication

WELD 100 - Prep for Success in Industry (5)

An introduction to standards, processes and operational procedures of the industrial and manufacturing trades. Introduction to employer industry soft-skill standards through classroom activities. Student assessment of common industry requirements for logic and communication used in industry. Individuals will gain the ability to locate and use resources for success at AMTEC. Expectations of welding industry and its relationship to the advanced manufacturing fields in composites, engineering tech, precision machining, mechatronics/robotics. Students will develop academic, personal skills and attitudes that promote success in a college environment.

WELD 101 - Introduction to Welding (5)

Introduction to welding including safety, set-up and operation of tools and equipment common to fabrication shop, common metallurgical terms, alloying elements used in the production of carbon steels and their effects.

Prerequisite: Completion of MFG T 100 with a C or higher, or concurrent enrollment.

WELD 105 - Intro to Fabrication Planning (5)

Welding with a focus on the preparation tasks needed for welding and fabrication. Starting and completing fabrication preparation tasks independently or in teams by focusing on soft skills in topics that include reading and writing material lists, using stock material inventories, economic material layout, measurements of fabrication dimensions, calculating linear lengths of straight and bent weldments, and calculating weights of fabrications, in both English and SI (metric) units. Example problems from fabrication classes Weld 210, 211, 212, 213 are included along with course capstone problems for fabricating a community playground project.

Prerequisite: Eligibility for MATH 76.

WELD 106 - Intro Fabrication Document (5)

Introduction to the various documentation used in the welding industry for safety, quality control, production, performance, and day to day welding business functions. Enables the student to describe the strengths, limitations, and uses of each type of

welding document type presented.

WELD 111 - Basic Layout (2)

Course will include baseline radial, cylindrical and triangulation layout techniques used to develop flat pattern, pipe intersections and conical shapes. Basic lofting techniques covering the use of base line, radial and flat pattern triangulation common to the sheet metal fabrication and the HVAC industries. May be repeated two times for credit.

WELD 150 - Blueprint Reading for Industry (5)

Comprehensive overview of engineering drawings, lines and symbols as applied to the machine and fabrication trades rather than construction. Study of basic lines of a blueprint, three-view, isometric and orthographic drawings, and welding symbols and their interpretation. Course also includes identification of structural shapes, thread patterns and fasteners common to the metal trades industry. May be repeated one time for credit.

WELD 151 - Carbon Steel Metallurgy (3)

Study of metallurgical terms as applied to carbon steels. Study of the properties of metals, phase changes, melting and solidification rates, weld bead metallurgy, and heat affected zones. Course also includes alloying elements, their effects on weld material and the distortion of materials due to thermal conditions and its control. An introduction to flame straightening techniques completes the course.

WELD 152 - Weld Base Mtrls and Processes (3)

Course will cover base material classification systems and identification systems including S.A.E. (Society of Automotive Engineers), A.S.T.M. (American Society of Testing and Materials), and A.W.S. (American Welding Society). Course will also include the study of common welding processes, power supplies and the reading, writing and interpretation of welding procedures. May be repeated one time for credit.

WELD 153 - Non-ferrous Metallurgy (3)

Course covers the basic metallurgy of stainless steels, aluminum and cast iron. Class includes the heat treatment of these non-ferrous materials, the material designation systems, filler metal designation systems and welding procedures common to stainless steels, aluminum alloys and cast iron.

WELD 154 - Industrial Safety (2)

Course coverspersonal conduct and professional expectations of welding personnal in a plant setting.

WELD 155 - Heat Treat (2)

Analyzing results of various heat treatments of ferrous andnon-ferrous metals.

WELD 160 - Intro Weld Nondestructive Test (5)

Introduction, overview, and practice interpreting results from nondestructive examination methods. Enables the student to describe the strengths, weaknesses, and uses of each method presented. Practical performance will be evaluated for students performing visual, liquid penetrant, and magnetic particle testing. Students will examine results of ultrasonic testing and films from prior radiography.

WELD 161 - Visual Testing Level I (5)

Formal classroom training for Visual Testing (VT) Level I Certification. Overview of the theory of light, principles of visual inspection, VT equipment, and VT testing techniques. Hands-on practical experience using the VT method to detect natural and man-made defects in welds and raw materials which simulate typical industry inspections. Creation of field reports and use of proper terminology.

Prerequisite: Eligibility for MATH 86 or higher, or completion of WELD 105 with a grade of C or higher.

WELD 162 - Magnetic Particle Testing Level I (5)

Formal classroom training for Magnetic Particle Testing (MT) Level I Certification. Overview of the theory of magnetism, principles of MT inspection, MT equipment, and MT testing techniques. Hands-on practical experience using the MT method to detect natural and man-made defects in welds and raw materials which simulate typical industry inspections. Creation of field reports and use of proper terminology.

Prerequisite: Eligibility for MATH 86 or higher, or WELD 105 with a grade of C or higher.

WELD 163 - Liquid Penetrant Testing Level I (5)

Formal classroom training for Liquid Penetrant Testing (PT) Level I Certification. Introduction to liquid penetrant, processing, principles of PT inspection, PT equipment, and PT testing techniques. Hands-on practical experience using the PT method to detect natural and man-made defects in welds and raw materials which simulate typical industry inspection. Creation of field reports and use of proper terminology.

Prerequisite: Eligibility for MATH 86 or higher, or WELD 105 with a grade of C or higher.

WELD 164 - Ultrasonic Testing Level I (5)

Formal classroom training for Ultrasound Testing (UT) Level I Certification. Overview of ultrasonic theory, principles of acoustics, UT equipment, and UT testing techniques. Hands-on practical experience using the UT method to detect natural and man-made defects in welds and raw materials, which simulate typical industry inspection(s). Creation of field reports and use of proper terminology.

WELD 190 - Oxy-acetylene Welding/Cutting (5)

Course covers the principles and techniques of oxy-acetylene welding and brazing and oxy-fuel flame cutting to develop solid entry level skills required by industry. Class includes set-up and use of hand and machine torches for straight line, pierce cuts and bevel cuts, use of carbon arc and an introduction to hand held plasma cutting. May be repeated one time for credit.

WELD 191 - Basic Arc Welding (5)

The principles and techniques of basic manual Shielded Metal Arc Welding using E 6010 and or E 6011 electrodes to make fillet welds and open root welds acceptable to industry standards in the flat, horizontal, vertical and overhead positions. May be repeated two times for credit.

WELD 192 - Advanced Arc Welding (5)

Principles and techniques of manual Shielded Metal Arc Welding using E 7018 electrodes to produce fillet, and groove welds in all positions acceptable to industry standards in the flat, horizontal, vertical and overhead positions. Development of skills to the level required for code standards and certification.

WELD 193 - Basic Pipe Welding (5)

Principles and techniques of pipe welding using shielded metal arc welding or gas tungsten arc welding. Class includes joint preparation, filler metal selection as applied to the 2G, 5G and 6G welding positions and building skills toward the AWS D1.1 Standard. May be repeated two times for credit.

WELD 194 - Gas Tungsten Arc Welding (5)

Fundamentals and techniques used in the Gas Tungsten Arc Welding process. Course includes set-up and adjustment of the GTAW equipment for use with steel, stainless steel and aluminum. Identifying proper filler metals and shielding gasses for use with steel, stainless steel and aluminum. Welding of fillet, butt and groove welds in the flat, horizontal, vertical and overhead positions to the Washington Association of Building Officials Standard 27-13. May be repeated two times for credit.

WELD 195 - Gas Metal Arc Welding (5)

Principles and techniques of the Gas Metal Arc Welding process on steel and aluminum. Course will include set-up and

adjustment of the GMAW equipment for short arc, spray transfer and pulse spray transfer methods. Welding of fillet, butt and groove welds in the flat, horizontal, vertical and overhead positions to the American Welding Society D1.1 Standard. Build skills necessary for industry certification including Washington Association of Building Officials State welding certification.

WELD 196 - Flux Core Arc Welding (5)

Principles and techniques of Flux-cored Arc Welding (FCAW) processes on mild steel. Shop safety and set-up and adjustment of equipment. Multiple-pass and groove welds in flat, horizontal, vertical and overhead positions. Development of the skills required for American Welding Society (AWS) D1.1 and /or Washington Association of Building Officials (WABO) 27-13 S standard qualification tests in all positions. May be repeated two times for credit.

WELD 199 - Special Projects (1-5)
WELD 205 - Fab Workshop Improvement (5)

A course for welding students with a focus on improving thefabrication workshop. Includes material lists, inventories, economic layout, measurements, weights in English and metric system.

Prerequisite: WELD 105 with a grade of C or higher, and eligibility for MATH 76.

WELD 210 - Heavy Plate Fabrication (5)

Principles and techniques used in plate fabrication. Class is geared toward the Marine Construction Industry and will include terms, tools and techniques common to ship building. Students will work in teams, from blueprints, to fabricate a small ship hull sections with the use of standard lay-out practices, overhead crane and the set-up and operation of 120 ton hydraulic press brake to fabricate parts. May be repeated one time for credit.

WELD 211 - Sheet Metal Fabrication (5)

Procedures and methods of basic sheet metal fabrication. Students plan and produce a variety of projects from prints and drawings utilizing flat pattern lay-out, measuring, bending sequences, spot welding, and the use of hand tools, pan brake, finger brake, roll forms and punches and notching equipment. May be repeated one time for credit.

WELD 212 - Pipefitting and Pipe Fab (5)

Presents basic pipefitting methods, tools, terms and techniques. Identification of pipe schedules, fitting types and valve types. Working in teams and from blueprints students will fabricate various pipe systems and manifolds using bolted flange connections, welded sections and threaded sections. May be repeated one time for credit.

WELD 213 - Practical Fab and Adv Welding (5)

Sequences and methods of structural steel fabrication and assembly. Identification of structural shapes and their uses. Working from blueprints and or drawings students will plan, fabricate and join various structural shapes and formed parts into a completed project. Student will apply the techniques of out of position welding where vision and accessibility are limited. Proper demonstration of confined space entry, work techniques, and exit are a part of this class. May be repeated one time for credit.

WELD 214 - Pressbrake/Sub Arc Weld (5)

This course covers the basic safety, set up and operation of the sub arc welding process on plate and pre-fabricated pipe sections and our 120 ton hydraulic press brake including bending sequences, bump rolling of pipe sections and basic maintenance of the equipment.

Prerequisite: WELD 195 or WELD 196, AND WELD 210, each with a grade of C or higher.

WELD 215 - Press Brake Operation (3)

This course covers the basic safety, set up and operation of our 120 ton hydraulic press brake including bending sequences, bump rolling ofpipe sections and basic maintenance of the equipment.

Prerequisite: WELD 195 or WELD 196, AND WELD 210, each with a grade of C or higher.

WELD 216 - Advanced TIG Welding (3)

Advanced TIG welding techniques used in specialized manufacturing such as Aerospace and the Nuclear Industry. Course will include use of water cooled torches, purge systems and gas lenses. The focus will be stainless steel plate, pipe and tubing and thin gauge aluminum. Certification available through the Washington Association of Building Officials (W.A.B.O.).

WELD 217 - Aerospace Sheet Metal Fab (5)

Procedures and methods of basic sheet metal fabrication with a special focus on the aerospace industry. Students plan and produce a variety of projects from prints and drawings utilizing flat pattern lay-out, measuring, bending sequences, spot welding, and the use of hand tools, pan brake, finger brake, roll forms and punches and notching equipment. Special emphasis on aerospace sector, tools, equipment, common uses, production parts, quality control techniques and industry tolerances. May be repeated one time for credit.

WELD 225 - Welding Skills Building (3)

Designed for the student who is seeking practice time prior to taking a state welding certification test or for the student seeking to improve current welding skills through additional lab time. May be repeated two times for credit.

WELD 226 - Welding Skills Building 2 (3)

Designed for the student who is seeking practice time prior to taking a state welding certification test or for the student seeking to improve current welding skills through additional lab time. May be repeated two times for credit.

Prerequisite: Completion of WELD 225 with a C or higher.

WELD 231 - Welding Capstone (5)

Application of welding processes and techniques learned on carbon steel with necessary changes to an aluminum boat hull using both GTAW and GMAW. Welding codes for the hull and structural components will be discussed, with students evaluating their welds to the requirements of the applicable American Bureau of Shipping (ABS) Part 2, and American Welding Society (AWS) D1.2 Structural Aluminum Code and historical D3.7 Guide for Aluminum Hull Welding. Presentation of completed aluminum boats to invited members of the local marine industry and other employers specializing in aluminum fabrications. Final course for both degree seeking and certificate students in the Welding Program. Students will be assessed for knowledge, skills and work-readiness acquired during the student's welding education. If prerequisites appear to be a barrier to enrollment for this course, contact your instructor who may waive requirements.

Prerequisite: MFG T 100; WELD 101, WELD 105, WELD 194, WELD 195.

WELD 285 - CNC Plasma/Waterjet Cutting (5)

Introduction to automated manufacturing on vertical three axis plasma and waterjet Computer Numeric Controlled (CNC) welding equipment with the use of multiple 2D Computer Aided Design (CAD) programs. May be repeated one time for credit.

WELD 286 - Aero CNC Plasma Cutting 2 (5)

Programming and use of the computerized cutting system using AutoCad with a special focus on the aerospace industry. Special emphasis on aerospace sector, tools, equipment, common uses, production parts, quality control techniques and industry tolerances. May be repeated one time for credit.

WELD 287 - CNC Waterjet Cutting (5)

This course serves as an introduction to the CNC Waterjet Cutting process on a variety of materials including ferrous and non-ferrous metals and carbon fiber composites.

Prerequisite: Completion of WELD 285 or 286 with a C or higher.

WELD 288 - CNC Plasma Cutting 2 (5)

Additional programming and use of the computerized cutting system using AutoCad with a special focus on the aerospace industry. Special emphasis on aerospace sector, tools, equipment, common uses, production parts, quality control techniques and industry tolerances to meet current industry standards. May be repeated one time for credit.

Prerequisite: Completion of WELD 286 with a C or higher.

WELD 290 - Adv Matl Cutting/Processing (5)

Practical application of advanced cutting and processing techniques for material preparation. Enables the student to describe the strengths, weaknesses, and uses of each cutting process presented. Practical performance will be evaluated for oxyfuel, bandsaw, portable bandsaw, miter saw, plasma cutting, lathes and/or waterjet cutting. Blueprints, welding procedures, and other documents will be used to identify the necessary dimensions and requirements for material preparation.

WELD 291 - Basic Arc Welding 2 (5)

The principles and techniques of additional basic manual Shielded Metal Arc Welding using E 6010 and or E 6011 electrodes to make fillet welds and open root welds acceptable to industry standards in the flat, horizontal, vertical and overhead positions. May be repeated two times for credit.

Prerequisite: Completion of WELD 191 with a C or higher.

WELD 292 - Advanced Arc Welding 2 (5)

Principles and techniques of additional advanced manual Shielded Metal Arc Welding using E 7018 electrodes to produce fillet, and groove welds in all positions acceptable to industry standards in the flat, horizontal, vertical and overhead positions. Development of skills to the level required for code standards and certification. May be repeated two times for credit.

Prerequisite: Completion of WELD 192 with a C or higher.

WELD 294 - Gas Tungsten Arc Welding 2 (5)

Additional fundamentals and techniques used in the Gas Tungsten Arc Welding process. Course includes set-up and adjustment of the GTAW equipment for use with steel, stainless steel and aluminum. Identifying proper filler metals and shielding gasses for use with steel, stainless steel and aluminum. Welding of fillet, butt and groove welds in the flat, horizontal, vertical and overhead positions to the Washington Association of Building Officials Standard 27-13. May be repeated two times for credit.

Prerequisite: Completion of WELD 194 with a C or higher.

WELD 295 - Work Experience Internship (2-5)

Provides student with a safe, supervised work environment to apply their welding and fabrication skills, fostering professional growth and self-confidence in the welding industry. May be repeated one time for credit.

WELD 296 - Flux Core Arc Welding 2 (5)

Designed to help students develop additional skills necessary to weld with the FCAW processes and pass an AWS D1.1 and/or a WABO 27-13 Standard Qualification test in all positions. Class will cover safety as applied to the FCAW processes; set-up and adjustment of equipment; multiple pass welds in the flat, horizontal, vertical and overhead positions; and groove welds in the flat, horizontal, vertical and overhead positions to meet current industry standards. Class is primarily a hands-on lab totaling 100 hours. May be repeated two times for credit.

Prerequisite: Completion of WELD 196 with a C or higher.

WELD 297 - Work Experience Internship 2 (2-5)

Provides students with a safe, supervised work environment to apply their additional welding and fabrication skills, fostering professional growth and self-confidence in the welding industry to meet current industry standards. May be repeated one time

for credit.

Prerequisite: Completion of WELD 295 with a C or higher, AND instructor Permission.

WFT - Work Force Training

WFT 83 - Foundations/Learning Managemnt (1-5)

Focus on developing and using effective study, time management and test taking skills. Critical thinking as a tool in troubleshooting problems and in decision making will also be emphasized. This is a special course for students enrolled in the Youth Re-engagement (U-3) Program.

WFT 84 - Foundations Career Development (1-5)

Course guides Youth Re-Engagement students through career assessment, goal setting and the development of a career ladder. Labor market research, resume and cover letter preparation, and practice interviews. WorkSource and other community resources for job search will be explored. For students enrolled in the Youth Re-engagement (U-3) Program.

WFT 89 - College Communications (1-6)

Incorporates study skills, library research, writing, and reading comprehension for Youth Re-Engagement (U-3) students. Emphasis on using these communication skills in the college. Special course for students enrolled in the Youth Re-engagement (U-3) Program.

Faculty and Administration

Administration

ADMINISTRATION

Alexander, Edward (2000)

Executive Director, Technology Services

B.A., Seattle Pacific University

Arithi, Paul (2022)

Director, Center for Disability Services

B.A., Kenyatta University

M.A., Webster University

Bauer, Daniel (1999)

Associate Director, Technology Services

B.S., Central Washington University

Belcher, Joyce (2020)

Executive Director, Planning and Strategic Assessment

B.S., Jackson State University

Ph.D., Temple University School of Medicine

Burke, Shelby (2012)

Vice President, Finance

B.A., Western Washington University

Campbell, Amanda (2022)

Director, Student Housing and Conduct

B.S., Northwest Missouri State University

M.S., Arkansas State University

Carson, Christian (2023)

Associate Vice President, Campus Operations

B.S., Chaminade University of Honolulu

M.A., American Military University

Ph.D., Liberty University

Collen, Kari (2024)

Associate Dean, Advising and Pathways

B.A., Eastern Washington University

M.Ed., Central Washington University

Cortes, Maurice (2025)

Director, Student Well-Being & Community Standards

B.A., University of California, San Diego

M.S., Indiana State University

Crawford, Chemene (2023)

President

B.S., M.H.R.O.D., University of San Francisco

Ed.D., Nova Southeastern University

Deeken, Lynn (2019)

Dean, Learning Resources and Pathways

B.S., Pacific Lutheran University

M.A., University of British Columbia

Demirci-Richardson, Özge (2019)

Associate Director, Enrollment Customer Service

B.A., Hacettepe University

M.A., University of Washington

Dorsey, Russell (2022)

Associate Director, Recruitment

A.T.A., Edmonds Community College

Dyer, Brandon (2024)

Vice President, Strategic Enrollment Management and Student Success

B.S., Lee University

M.A., Liberty University

Elson-Schwab, Lev (2025)

Associate Dean, Natural Sciences

B.S., University of California

Ph.D., University of California

Ernst, Josh (2023)

Vice President, Human Resources and Compliance

B.A., B.S.E., Case Western Reserve University

J.D., Wake Forest University School of Law

Gilliard, Jennifer (2025)

Director, Counseling Services

B.S., Bloomsburg University of Pennsylvania,

M.S., University of Tennessee, Knoxville

Ph.D., University of Tennessee, Knoxville

Grigsby, James (2024)

Director, Human Resources-Organizational Development

B.A., University of Washington

M.A., Harvard University

Hansen, Ronda (2003)

Director, Budget & Grants

A.T.A., Everett Community College

B.S., Central Washington University

Hill, Heather (2014)

Director, High School Partnerships

B.S., M.B.A., Louisiana State University

Howland, Sindie (2019)

Associate Director, Change Management and Process Improvement and Design

A.A., Skagit Valley College

B.A., Washington State University

Jameson, Elizabeth (2011)

Director, Contract and Continued Education

B.S., University of Arizona

Jensen, Katie (2012)

Dean of Transitional Studies

B.A., B.S., University of Kansas

M.A., University of Montana

Kveven, Ardith (2003)

Executive Director,

Ocean Research College Academy (ORCA)

B.A., University of Washington

M.S.Ed., Western Washington University

Labitzke, Anna (1998)

Associate Director, High School Partnerships

B.A., Western Washington University

Larsen, Maria Cristina (2016)

Dean, Enrollment and Registrar

B.A., M.A., University of Washington

Leaker, Cathy (2020)

Vice President, Instruction

B.A., University of Alberta

M.A., Dalhousie University

Ph.D., University of Rochester

Lewis, Sharon (2009)

Director, Human Resources-Faculty

B.Ed., Deakin University

M.S., Loyola University

Lovett, Hannah (2015)

Director, Educational Technology

A.A., Everett Community College

B.A., M.Ed., Western Washington University

Marcellus, David (2016)

Director, Clinical Simulation

B.A., Washington State University

Marin, Jenny (2008)

Associate Director, Marketing

B.A., Western Washington University

Martinez-Gomez, Jose (2013)

Associate Director, Technology Services

B.S., Universidad De La Salle Bajío

Mathis, Rebecca (2005)

Director, Auxiliary Services

Masinelli, Ryan (2019)

Associate Dean, Applied Sciences and Advanced Manufacturing

A.T.S., Everett Community College

Mayer, Heather (2019)

Associate Dean, Arts, Humanities, and Social Sciences

B.A., History

M.A., University of California

Ph.D., Simon Fraser University

McConaha, Kristen (2011)

Executive Director, Government & Community Relations and Executive Director of the EvCC Foundation

B.S., Central Washington University

McFadden, Toni (2024)

Associate Director, Auxiliary Services

B.E., M.Ed., University of Alaska

Miller, Shanna (2025)

Associate Dean, Business

A.A., Southeastern Community College

B.A., Buena Vista University

M.B.A., Ed.D., Capella University

Moore, Sharon (2015)

Associate Dean, Academic Foundations

B.A., Central Washington University

M.Ed., American Intercontinental University

Orekhova, Lyudmyla (2017)

Associate Director, Budget

A.A., College of Industry, Economics, and Law

A.S., A.A., Shoreline Community College

B.A., University of Washington

M.A., Zhytomyr Polytechnic State University

Overby, Chayuda (2024)

Assistant Director, TRIO UBMS

B.S., King Mongkut's Institute of Technology

M.Ed., Antioch University

Paige, Diane (2025)

Executive Dean, Transfer Education

B.M., Colorado State University

M.A., University of Iowa

Ph.D., University of California

Pearce, Jeffrey D. (1996)

Director, Logistics Operations

B.A., Biola University

M.A., California State University, Sacramento

Prabhakar, Renuka (2016)

Executive Dean, Professional and Technical Education, and Applied Science

B.S., M.S., Ph.D., University of Washington

Radliff, Anita (2001)

Assistant Director, Financial Aid and Scholarships

A.A.S., Everett Community College

Refling, Rachelle (2008)

Director, Early Learning Center

B.A., Washington State University

Reyes, Jose (2018)

Associate Dean, Nursing and Allied Health

B.S., University of Washington

M.S., Western Governors University

Rhodes, Jennifer (1998)

Dean, Student Development

A.A., Shoreline Community College

B.A., M.Ed., Western Washington University

Sandoval, Justin (2025)

Executive Director, Financial Aid and Veteran Services

B.A., Whittier College

M.S.Ed., California State University

Sedivec, Angelic (2014)

Dean, Student Support

B.A., Western Washington University

Shelby, Kiara (2024)

Assistant Director, Residence Life

A.A., Olympic College

B.A., M.A., University of Washington

Shoemaker, Lacey (2020)

Director, Campus Safety and Emergency Management

B.A., Western Washington University

M.A., University of Alaska Fairbanks

Shropshire, Sonel (2025)

Associate Vice President of Diversity, Equity, and Inclusion

B.A., Delaware State University

J.D., University of Florida College of Law

Soltanshahi, Ali (2022)

Director, Global Engagement

B.A., Southern Illinois University Edwardsville

M.Ed., Iowa State University

Stam, Elizabeth (2021)

Director, Student Success Tech

Stevenson, Lindsay (2023)

Director, Recruitment and Enrollment

B.A., Colorado State University

B.A., Universidad de Salamanca

M.S., Idaho State University

Studer, Garet (2017)

Director of Athletics and NWAC Athletic Commissioner
B.A., M.Ed., Washington State University

Thornton, Jill (2025)

Executive Director, Center of Excellence

B.S., University of Washington

M.S., Kaplan University

Weatherly, Susanne (2019)

Director, Equal Opportunity and Title IX Programs

B.A., Western Oregon University

M.B.A., Rochester Institute of Technology

Wright, Justyce (2020)

Associate Director of Student LIFE

A.A., Everett Community College

B.A., Western Washington University

M.Ed., University of Washington

Zappala, Marian (2019)

Director, MESA

B.A., B.S., M.S., New Mexico State University

Ph.D., University of Texas at El Paso

Faculty

Faculty

Ackerman, Ken (2017)

Mechatronics/Industrial Maintenance

A.T.A., Everett Community College

B.A., Central Washington University

B.S., University of Washington

Adkins, Dena (2023)

Nursing

B.S.N., M.S.N., Western Governors University

Alexander, Raylene (2018)

Aviation/Avionics

B.S., M.S., Embry-Riddle Aeronautical University

Allen, Cindy (2025)

English

B.A., M.A., Idaho State University

Almissouri, Ayad (2023)

Art

B.A., San Diego State University M.F.A., American University

Aubrey, Keith (1998)

English

A.A., Spokane Falls Community College

B.A., M.F.A., Eastern Washington University

Ballaru, Prathyusha (2015)

Health Science

M.S., California State

B.D.S., Bapuji Dental College

Benedetti, Nina F. (2002)

High School Completion

A.A., College of the Canyons

B.A., M.Ed., Seattle University

Bertoldi, Robert X. (2000)

Public Services Librarian

B.A., Western Washington University

M.A., University of Washington

M.S., Florida State University

Boeckl, Maximiliane (2014)

Chemistry

B.S., Colorado State University

Ph.D., University of Washington

Boyd, Kristi (2015)

Nursing, RN, MSN

B.A., Linfield College

B.S.N., M.N., University of Washington

Brackett, Anne M. (2004)

Chemistry

B.A., Scripps College

M.S., University of Washington

Branch, Jennifer (2015)

Transitional Studies

B.A., University of Willamette
M.A., University of Warwick

Brito Solarzano, Sergio (2024)

Advising Center

B.A., University of California

M.S., California State University

Brown, Diane J. (2008)

Psychology

B.A., University of Washington

M.A., University of Northern Iowa

Ed.D., Boston University

Cahan, Andrea (2012)

Mathematics

B.S., Western Washington University

M.A., City University

Cain, Jessica (2015)

Advising Center

B.A., Walla Walla College

M.S.W., Western Washington University

Casson, Debbie (2015)

Mathematics

B.A., Colorado College
M.Ed., Princeton Theological Seminary

Ceniceros, Kesia (2024)

Advising

B.A., M.Ed., Northern Arizona University

Chase, Darin (2019)

Advanced Manufacturing

South Seattle College

Craft, Kevin (1996)

English

B.A., M.F.A., University of Washington

Language Proficiency Certificate, Université de Perpignan

Crowther, Gregory (2018)

Biology

B.A., Williams College

Ph.D., University of Washington

DePuente, Vanessa (2013)

Nursing, Med/Surg

A.D.N., Everett Community College

B.S.N., M.N., University of Washington

Dobkowski, Katie (2024)

Biology

B.S., University of Washington

M.I.T., Whitworth University

Dooley, Frederick (2017)

Biology

B.A., B.S., Ph.D., University of Washington

DuBon, Michael (2024)

English

B.A., University of Nevada

M.F.A., Saint Mary's College California

Edwards, Jessica (2014)

English

B.A., University of West Florida

M.S., Florida State University

M.F.A., Georgia College & State University

El Radie, Eihab (2018)

Computer Science

B.S., Islamic University of Gaza

M.S., North Dakota State University

Eppley, Mark (2013)

Accounting

B.S., Central Washington University

M.R.E., George Washington University

Felsenthal, Ellen (2000)

Photography

B.A., B.F.A., University of Texas

M.F.A., University of Washington

Fennell, Jeff (2017)

Biology

M.S., Montana State University

B.S., University of Washington

Fester, Rene F. (1999)

Biology

B.A., Boston University

M.S., Ph.D., University of Washington

Fryett, Lisa (2023)

Counseling

A.A., Shoreline Community College

B.A., University of Washington M.A., Bastyr University

Fuentes Parsons, Matthew (2012)

Engineering

B.S., M.S., University of Tennessee

Fulton, Karl (2017)

Welding

A.T.A., Everett Community College

Goodhope, Jeanie (1989)

Media Librarian

B.A., Mills College

M.L.S., University of Washington

Goyal, Rashi (2019)

Computer Science

B. Tech, Banasthali University

M.S., Washington State University

Graber, Joe (2012)

Engineering

B.S., M.S., University of Washington

Gungor-Munoz, Gokce (2015)

Psychology

B.A., M.A., Bogazici University

Ph.D., University of Kansas

Hamburg, Rhonda (2015)

Health Science

Certificate in Medical Assistant, Certificate in Phlebotomy, A.T.A., Skagit Valley College

Harker, Dana (2018)

English

B.A., M.A., Idaho State University

Hedgpeth, Jacalyn (1995)

Biology

B.S., M.S., University of Oregon

Heinke, Lonnie (2016)

Computer Science

B.S., M.S., California State University, Chico

Horn, Steven (2004)

Political Science

B.A., California State University, Sacramento

M.A., San Diego State University

M.A., Ph.D., University of Southern California

Houston, Wendy R. (1999)

Mathematics

B.A., Bowdoin College

M.A., University of Montana

Hu, Dongwa (2000)

Economics

B.A., College of Economics and Management, Beijing, China

M.A., Western Michigan University

Hugo, Alys (2014)

Mathematics

B.S., Gonzaga University

M.S., University of Washington

Jaramillo, Diana (2015)

Advising Center

B.A., USC, Los Angeles

M.S., Miami University

Jipson, Kristina (2018)

English

B.A., University of Colorado

M.F.A., Columbia University School of the Arts

Ph.D., University of Notre Dame

Jones, Nancy Ellen (2014)

Photography

B.A., Franklin Pierce College

M.F.A., Tufts University

Jordan-Zirkle, Shelli (2024)

History

B.A., Montana State University

M.A., University of Oregon

Killingstad, Christopher (2002)

Mathematics

B.S., University of Washington

M.S., Western Washington University

Kline, Corey (2020)

Mathematics

B.S., M.A., University of Alabama

Kontulis, Mark (1999)

Chemistry

B.A., Bowdoin College

M.S., University of Washington

Krock, Paula (2019)

Early Childhood Education

B.A., Western Washington University

M.Ed., Grand Canyon University

Kuwada, Brett G. (2007)

Psychology

B.A., Western Washington University

M.A., Psy.D., Argosy University

Larson, Christian (2024)

Graphics and Web Design

Le, Marianne D. (1999)

Public Services Librarian

B.S., University of Washington

M.S.I., University of Michigan

Lee, Thomas (1998)

Art

B.A., State University of New York

M.F.A., The Ohio State University

Lerback, Dale (2014)

Aviation

B.A., Colorado Technical University

Linton, Karen (2015)

Mathematics

M.S., Western Washington University

Ph.D., Vanderbilt University

Lothyan, Kimberly (2018)

Business

B.S., Brigham Young University

M.B.A., Western Washington University

Lyste, Kerry (2002)

Geography

B.A., University of Washington

M.S., Western Washington University

Malone, Christine (2010)

Health Sciences

B.S., Henry Cogswell College

M. HA., University of Washington Ed.D., City University of Seattle

Mallory, Kaitlin (2024)

Advising Center

B.A., Tulane University

M.A., Seattle University

Markovich, Theresa (1988)

Business Technology

B.S., Montana State University

M.Ed., University of Washington

Marquez, Omar (2015)

Sociology

B.A., Loyola University

M.Ed., University of Illinois

Martin, Earl E. (1990)

Counselor/Human Development

A.A., Highline Community College

B.A., B.S., M.S., Central Washington University

Ed.D., University of Washington

Martin, Vidal (1993)

World Languages

B.A., M.A., Université De Nantes

Masinelli, Ryan (2019)

Information Technology

A.T.S., Everett Community College

McLean, Gail (2012)

Nursing

B.A., Seattle Pacific University

M.N., University of Washington

McCrann, Cindra (2025)

Nursing Assistant Program

B.S., University of Washington

M.S., Indiana State University

Miller, Paul (2020)

Mathematics
B.S., M.S., University of Nebraska

Moore, Sharon (2015)

Adult Basic Education/ESL

B.A., Central Washington University

M.Ed., American Intercontinental University

Muñoz, Lynne M. (1996)

Business Technology

A.A., Shoreline Community College

B.A., M.Ed., Western Washington University

Murphy, Mark (1988)

Communication Studies

A.A., Clark College

B.A., M.A., Western Washington University

Murphy, Tara (2019)

Cosmetology

Gene Juarez Academy of Beauty

Myers, Gina (1994)

Counselor Human Development

B.A. (2), Western Washington University

B.A., University of Washington

M.Ed., Seattle University

Nam, Jihyun (2023)

Transitional Studies

B.A., M.A., Inha University

B.A., Hankuk University of Foreign Studies

M.A., Ph.D., Indiana University

Nanfito, Jacob (2019)

Transitional Studies

B.A., Washington State University

M.Ed., University of Missouri

Nevins, Michael A. (2008)

Developmental Education Mathematics

B.S., Western Washington University

M.S., Eastern Washington University

Niemer, Sarah (2024)

Nursing

B.A., Washington State University

M.S., California State University

Olson, Jennifer (2019)

Biology, Ocean Research College Academy

B.S., Seattle Pacific University

M.S., Western Washington University

Patching, Michael (2014)

Manufacturing Technology

B.S., Utah Valley University

Paull, Terry (2015)

Advising Center

A.A.S., Everett Community College

B.A., M.Ed., Western Washington University

Peterson, Jenna (2025)

Early Childhood Education

B.A., University of North Carolina at Wilmington

M.A., Mills College

Pfau, Jason (2024)

Advising Center

B.A., Washington State University

M.Ed., Seattle University

Powell, Steven. M. (2006)

Chemistry

B.S., Kansas State University

M.S., University of Washington

Primacio, David (2014)

Engineering Technology

Lake WA Institute of Technology

Everett Community College

Ripper, Jason T. (2001)

History

A.A., Yakima Valley Community College

B.A., M.A., Western Washington University

Rodriguez, Beatriz (2024)

Advising Center

B.Ed., M.A., Alaska Pacific University

Samaniego, Amber (2019)

Health Sciences

A.T.A., Everett Community College

B.S., South Seattle College

Sampson, Christina (2025)

Anthropology

B.A., Barnard College

M.A., PhD., University of Michigan

Sanders, Ernest (2024)

Criminal Justice

M.A., Washington State University

B.S., University of Idaho

Saxton, Joseph (2019)

Economics

B.A., M.A., University of California, Riverside

Schemmel, Ruth (2023)

Transitional Studies

B.A., Cornell University

M.A., Columbia University

Schuetze, Tracy (2017)

Cosmetology

Cosmetology & Esthetics, Gary Manuel Aveda Institute

Schwab, Kerri K. (2007)

Transitional Studies

B.A., Washington State University

M.Ed., Lesley College

Searle, Joshua C. (1999)

English, Ocean Research College Academy (ORCA)

B.A., University of Washington

M.I.T., Seattle University

Serven, Jed (2013)

Physics

B.S., Ph.D., Washington State University

Serven, Lijiao (2019)

Transitional Studies

B.A., Liaoning University of Technology

M.A., University of Idaho

Shen, Phebe Y. (2003)

English

B.A., University of California, Berkeley

M.A., University of Washington

Sheppard, Julie (2024)

Librarian

B.A., Humboldt State University

M.S., University of Washington

Sickles, Jo-Ann H. (1995)

Communication Studies

B.A., M.A., California State University, Northridge

Singh, Sumita (2000)

Chemistry

B.S., Miranda College

M.S., Delhi University

M.S., Ph.D., University of Oklahoma

Skarr, Dennis (2017)

Computer Information Systems

A.A.S.T., North Seattle Community College

Skinner, Deanna (2001)

Counselor/Human Development

B.A., Northwest Nazarene College

M.Ed., Seattle University

Stafford, Ariana (2024)

Advising Center

B.A., Colorado College

M.Ed., Western Washington University

Steele, Isaac (2015)

Engineering

B.S., Southern Oregon University

M.S., Washington State University

Story, Michael (2012)

Mathematics

B.S., University of Chicago

M.S., University of Washington

Swedeen, Tiffany (2023)

Nursing

B.S.N., University of Washington

M.S.N., Western Governors University

Sullivan, Christine (2000)

Counselor/Human Development

B.A., University of Wisconsin

M.T.S., Harvard Divinity School

M.A.Ed., Seattle University

Tobias, Stephen (2018)

English

B.A., Bates College

M.A., University of South Carolina

Ph.D., University of Washington

Trujillo, Julian (2017)

Mathematics

B.S., M.S., Western Washington University

Tuggle, Steven (2015)

Aviation

A.S., Community College of the Air Force

Uhl, Heather (2013)

Librarian

B.A., Humboldt State University

M.L.I.S., University of Washington

VanQuickenborne, Michael A. (1998)

Philosophy

B.A., St. Olaf College

M.A., University of Wisconsin, Milwaukee

Vanture, Andie (1995)

Physics/Physical Science

B.A., Pomona College

M.S., Ph.D., University of Washington

Venkatachalam, Anusha (2016)

Engineering

B.E., University of Mumbai, India

M.S., Syracuse University

Ph.D., Georgia Institute of Technology

Wahl, Andrew (2013)

Journalism

B.A., University of Washington

M.L.S., Fort Hays State University

Wangia, Eva (2017)

Nursing

B.S., M.S.N., Grand Canyon University

Washburn, Kristine C. (2006)

Physics

B.A., University of Colorado, Boulder

M.S. (2), University of Washington

Weiss-Green, Heidi (1991)

Mathematics

B.S., M.S., Western Washington University

Werling, Alison (2018)

Counselor, TRIO

B.S., University of Findlay

M.A., Valparaiso University

Whedon, Candace (2002)

Nursing

A.A.S., Everett Community College

B.S.N., M.N., University of Washington

White, Robert (2011)

Welding

A.S., Everett Community College

Williams, Kristie (2024)

Nursing

B.S., M.S., Western Governors University

Wilner, Shannon (2011)

Nursing

B.A., Seattle Pacific University

M.S., University of Washington

Wilson, Susan (2013)

Nursing, OB, RN, MSN, MAT, CNM-ARNP

B.A., John Hopkins University

M.A., Seattle Pacific University

M.S., Yale University

Zoeller, Nancy R. (2001)

Nursing

A.A.S., Everett Community College

B.A., Furman University

M.N., University of Washington

Appendix

Distribution Requirements

Unrestricted transfer electives include academic courses in Humanities, Social Science and Natural Sciences, anything in a Major-Related Program,and academic survey courses that cover principles, theories, history, and/or philosophy of the discipline. These are also referred to as A-list electives.

DTA A List Electives Course List

Any course listed under DTA Basic Skills and Distributions (Communications, Quantitative, Humanities, Social Sciences, and Natural Sciences) may be used as a transfer elective. Additional courses which are fully transferable electives are listed below.

PEHW Activity courses 100 and above: Only 3 units maximum may be applied toward degrees.

This list represents courses that have been offered within the last five years at Everett Community College and is not a comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify as A List Elective courses.

Requirements

A List Electives Course List

ACCT& 201	Principles of Accounting I	5
ACCT& 202	Principles of Accounting II	5
ACCT& 203	Principles of Accounting III	5
ART 275	Glaze Studio Ceramics I	3
ART 276	Ceramic Glaze Chmstry II	3
ART 277	Glaze Foundation III: Ceramics	3
ART 297	Gallery and Exhibit Technique	2
BUS 150	Principles of Marketing	5
BUS 200	Principles of Management	5
BUS 230	Introduction to Hospitality	5
CJ& 101	Intro Criminal Justice	5
CJ& 105	Intro to Corrections	5
CJ& 110	Criminal Law	5
CJ& 240	Intro to Forensic Sciences	5
EDUC 250	Education In Action	1-4
EDUC 251	Education In Action	1-4
EDUC 252	Education In Action	1-4
EDUC& 115	Child Development	5
EDUC& 203	Exceptional Child	3
ENGR 121	Intro to Engineering 2: Design	5
ENGR 202	Design of Logic Circuits	6
ENGR 220	Mechanics Breaking Lab	2
ENGR& 204	Electrical Circuits	5
ENGL 150	Tutor Training and Practice	1-5
ENGL 151	Tutor Training and Practice	1-5
ENGL 152	Tutor Training and Practice	1-5
GRAPH 120	History of Graphic Design	5
HUM S 101	Introduction to Human Services	3

JOURN 170	Student News Media	3
PEHW 100	Beginning Yoga	1-2
PEHW 101	Intermediate Yoga	1-2
PEHW 102	Tai Chi	1
PEHW 103	Beginning Karate	1-2
PEHW 104	Intermediate Karate	1-2
PEHW 105	Advanced Karate	1-2
PEHW 110	International Folk Dance	1-2
PEHW 111	Kick Boxing Aerobics	1-2
PEHW 114	Zumba	1-2
PEHW 116	Cardio Fusion	1-2
PEHW 121	Walk, Jog, Run	1-2
PEHW 125	Weight Training-Level 1	1-2
PEHW 126	Weight Training-Level 2	1-2
PEHW 148	Volleyball	1-2
PEHW 149	Basketball	1-2
PEHW 199	Special Project - Phys Educ	1-5
PEHW 203	Lifetime Health/Wellness	5
PEHW 235	Consumer Health	5

DTA Communication Skills Course List

This list represents courses that have been offered within the last five years at Everett Community College and is not a comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify as DTA Communication Skills courses.

Requirements

DTA Communication Skills Course List		
ENGL& 102	Composition II	5
ENGL 105	Creative Non-Fiction	5
ENGL 211	Advanced Composition	5
ENGL& 230	Technical Writing	3
ENGL& 235	Technical Writing and Research	5
ANTH& 206	Cultural Anthropology	5
CMST& 220	Public Speaking	5

DTA Humanities Course List

This list represents courses that have been offered within the last five years at Everett Community College and is not a comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify as DTA Humanities courses.

Requirements

Humanities Unrestricted Course List		
ARAB 121	Arabic I	5
ARAB 122	Arabic II	5
ARAB 123	Arabic III	5
ART 224	Contemporary Movements	5
ART H 124	Understanding World Art	5
ART H 228	World of Anime & Manga	5
ASL& 221	American Sign Language IV	5
ASL& 222	American Sign Language V	5

ASL& 223	American Sign Language VI	5
CMST& 102	Introduction to Mass Media	5
CMST& 210	Interpersonal Communication	5
CMST& 220	Public Speaking	5
CMST& 230	Small Group Communication	5
DESJ 118		
DRMA& 101	Introduction to the Theatre	5
ENGL 105	Creative Non-Fiction	5
ENGL 110	Editing and Publication I	5
ENGL 183	Children's Literature	5
ENGL 203	Young Adult Literature	5
ENGL 210	Editing & Publication II	5
ENGL 240	Intro. to American Literature	5
ENGL 251	Myth and Lit of Greece & Rome	5
ENGL 252	Medieval & Renaissance Lit	5
ENGL 253	Modern European Literature	5
ENGL& 111	Introduction to Literature	5
ENGL& 224	Shakespeare I	5
ENGL& 246	American Literature III	5
FILM 100	Introduction to Film	5
FRCH& 221	French IV	5
FRCH& 222	French V	5
FRCH& 223	French VI	5
GERM& 221	German IV	5
GERM& 222	German V	5
GS 105	Global Issues Through Film	5
GS 185	Introduction to Latin America	5
GS 188	Introduction to China	5
HIST 100	Ancient and Medieval Worlds	5
HIST 103	History of World Civilizations	5
HIST 111	Western Civilization to 1648	5
HIST 112	Western Civ 1648 to Present	5
HIST 170	Multicultural American History	5
HIST& 146	U.S. History I	5
HIST& 147	U.S. History II	5
HIST& 148	U.S. History III	5
HIST& 214	Pacific Northwest History	5
HIST& 215	Women In U.S. History	5
HUM 110	Intro to Amer Cultural Studies	5
HUM 125	Negotiating Nature	3-5
HUM 150	Surviving The Holocaust	5
HUM 160	Japanese History & Culture	5
HUM 180	Intro Latinos In the U.S.	5
HUM 195	Honors Seminar	3
HUM 196	Honors Symposium	2
HUM 200	Intro Women/Gender/Sexuality	5
HUM 227	History of American Comic Book	5
HUM 247	Intro. to World Religions	5
HUM& 101	Introduction to the Humanities	5
JAPN& 221	Japanese IV	5
JAPN& 222	Japanese V	5
JAPN& 223	Japanese VI	5
LING 200	Intro to Linguistic Thought	5

MUSC 110	World Music	5
MUSC 115	Popular Music In America	5
MUSC 116	Survey of Jazz	5
MUSC& 105	Music Appreciation	5
MUSC& 141	Music Theory I	5
PHIL 110	Social Ethics	5
PHIL 114	Ethics & Policy Healthcare I	2
PHIL 214	Ethics/Policy Healthcare II	1
PHIL 215	Ethics	5
PHIL 234	Ethics/Policy Healthcare III	2
PHIL 267	Philosophy of Religion	5
PHIL& 101	Introduction to Philosophy	5
PHIL& 115	Critical Thinking	5
PHOTO 230	History of Photography	5
SOC 170	Intro to Power & Privilege	5
SPAN& 221	Spanish IV	5
SPAN& 222	Spanish V	5
SPAN& 223	Spanish VI	5

Humanities - World Languages Course List

ASL& 121	American Sign Language I	5
ASL& 122	American Sign Language II	5
ASL& 123	American Sign Language III	5
CHIN& 121	Chinese I	5
CHIN& 122	Chinese II	5
CHIN& 123	Chinese III	5
FRCH& 121	French I	5
FRCH& 122	French II	5
FRCH& 123	French III	5
GERM& 121	German I	5
GERM& 122	German II	5
GERM& 123	German III	5
ITAL 121	Italian I	5
ITAL 122	Italian II	5
ITAL 123	Italian III	5
JAPN& 121	Japanese I	5
JAPN& 122	Japanese II	5
JAPN& 123	Japanese III	5
RUSS& 121	Russian I	5
RUSS& 122	Russian II	5
RUSS& 123	Russian III	5
SPAN& 121	Spanish I	5
SPAN& 122	Spanish II	5
SPAN& 123	Spanish III	5

Humanities Restricted List - Performance Skills

ART 110	Visual Foundations and Design	5
ART 111	Design II: 3 Dimensional	5
ART 113	Beginning Life Drawing	3
ART 114	Intermediate Life Drawing	3
ART 115	Drawing I	5
ART 116	Drawing II	5
ART 123	Introduction to Studio Art	5

ART 200	Painting I	5
ART 201	Painting II	5
ART 205	Watercolor I	3-5
ART 206	Watercolor II	3-5
ART 215	Life Drawing I	5
ART 216	Life Drawing II	5
ART 230	Glassblowing I	2
ART 231	Glassblowing II	2
ART 240	Printmaking I	3-5
ART 241	Printmaking II	3-5
ART 242	Printmaking III	3-5
ART 243	Printmaking IV	3-5
ART 270	Ceramics I	5
ART 271	Ceramics II	5
ART 272	Ceramics III	5
ART 273	Ceramics IV	5
ENGL 106	Poetry I	5
ENGL 108	Fiction I	5
ENGL 165	Non-Fiction II	5
ENGL 166	Poetry II	5
ENGL 168	Fiction II	5
ENGL 205	Non-Fiction III	5
ENGL 206	Poetry III	5
ENGL 208	Fiction III	5
DRMA 100	Rehearsal, Prod & Performance	2-5
DRMA 102	Beginning Acting	5
DRMA 130	Improvisation & Sketch Comedy	5
HUM 184	Humanities Showcase	1-2
JOURN 101	Introduction to Journalism	5
JOURN 110	Media Writing	5
JOURN 111	Multimedia Journalism	5
PHOTO 110	Intro to Digital Photography	5
PHOTO 111	B&W Digital Photography	5
PHOTO 112	Creative Explorations	5
PHOTO 210	Color Theory: Concept/Practice	5
PHOTO 211	Adv Process Digital Photo	5
PHOTO 212	Visual Thesis Project	5

DTA Natural Sciences Course List

This list represents courses that have been offered within the last five years at Everett Community College and is not a comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify as DTA Natural Science courses.

Requirements

Natural Sciences Part A: Lab Course List

ANTH& 215	Bioanthropology W/Lab	5
ASTR 122	Life in the Universe	5
ASTR& 101	Introduction to Astronomy	5
ASTR& 115	Stars, Galaxies and Cosmos	5
ATM S 101	Weather	5
BIOL 130	Marine Biology Pacific NW	5

BIOL 190	Natural History Field Studies	1-5
BIOL& 100	Survey of Biology	5
BIOL& 211	Majors Cellular	5
BIOL& 221	Majors Ecology/Evolution	6
BIOL& 222	Majors Cell/Molecular	6
BIOL& 223	Majors Organismal Physiology	6
BIOL& 231	Human Anatomy	5
BIOL& 232	Human Physiology	5
BIOL& 260	Microbiology	5
BOT 113	Plants of the Pacific NW	5
BOT 115	Global Ethnobotany	5
CHEM& 121	Introduction to Chemistry	5
CHEM& 131	Intro to Organic/Biochem	5
CHEM& 140	General Chem Prep W/Lab	5
CHEM& 161	General Chemistry I with Lab	5.5
CHEM& 162	General Chemistry II with Lab	5.5
CHEM& 163	General Chemistry III with Lab	5.5
CHEM& 261	Organic Chem W/Lab I	6
CHEM& 262	Organic Chemistry II with Lab	6
CHEM& 263	Organic Chemistry III with Lab	6
ENGR 205	Electric Circuits Lab	1.5
ENVS& 101	Intro to Env Science w/Lab	5
GEOG 205	Physical Geography	5
GEOL 102	Intro to Geological Science I	5
GEOL 104	Intro to Geol Science II	5
GEOL 106	Survey of Earth Science	5
GEOL 108	Geological Natural Disasters	5
GEOL 190	Geoscience Field Exploration	1-5
GEOL& 103	Historical Geology	5
NAT S 150	Science of Weight Loss	5
NUTR 180	Sustainable Food Systems	5
OCEA& 101	Intro to Oceanography w/Lab	5
PHYS 102	Concepts and Connections	5
PHYS& 114	General Physics I	5
PHYS& 115	General Physics II	5
PHYS& 116	General Physics III	5
PHYS& 231	Engineering Physics I Lab	1.5
PHYS& 232	Engineering Physics II Lab	1.5
PHYS& 233	Engineering Physics III Lab	1.5
PHYS& 241	Engineering Physics I	4
PHYS& 242	Engineering Physics II	4
PHYS& 243	Engineering Physics III	4
STEM 102	Equity in STEM	3-5

Natural Sciences Part B: Non-Lab Course List

ANTH& 115	Our Place In Nature	5
BIOL 105	Disease In Modern Society	5
BIOL 142	Topics In Ecology	2
BIOL 183	New History of Life	5
ENVS& 100	Survey Environmental Science	5
NAT S 103	Sustainability & Systems	5
NUTR 120	Vegetarian Cooking	3
NUTR 126	Nutrition in Healthcare I	1

NUTR 136	Nutrition in Healthcare II	2
NUTR 160	Sports Nutrition	5
NUTR 216	Nutrition in Healthcare III	1
NUTR 226	Nutrition in Healthcare IV	1
NUTR& 101	Nutrition	5

Natural Sciences Part C: Other Science Courses List

CS 110	Intro to Computer Science	5
CS 132	Computer Science II C++	5
CS 143	Computer Science II Java	5
CS 233	Data Structure and Algorithms	5
CS 260	Intro to Computer Architecture	5
CS& 131	Computer Science I C++	5
CS& 141	Computer Science I Java	5
ENGR 111	Intro Engr I: Model/Analysis	5
ENGR 201	Materials Science	5
ENGR 216	Integrated Comp Aided Design	4
ENGR 240	Applied Numerical Methods	5
ENGR& 114	Engineering Graphics	4
ENGR& 214	Statics	5
ENGR& 215	Dynamics	5
ENGR& 224	Thermodynamics	5
ENGR& 225	Mechanics of Materials	5
MATH 138	Applied College Algebra	5
MATH 260	Linear Algebra	5
MATH 261	Differential Equations	5
MATH& 107	Math In Society	5
MATH& 141	Precalc I: College Algebra	5
MATH& 142	Precalculus II: Trig	5
MATH& 144	Pre-Calc I & II: Review	5
MATH& 146	Intro to Statistics	5
MATH& 148	Business Calculus	5
MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5
MATH& 264	Calculus 4	5
PHIL& 120	Symbolic Logic	5
STEM 103	Intro Scripting using Python	3-5
STEM 105		

DTA Quantitative Skills Course List

This list represents courses that have been offered within the last five years at Everett Community College and is not a comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify as DTA Quantitative Skills courses.

Courses numbered 100 or higher will also count as Natural Science Part C (NSC). If these courses are used as Natural Science courses in the AAS-DTA, only 5 units may be used for the Natural Science requirements.

Requirements

All the courses in this or the tables below qualify for MATH 76 or higher

MATH 76	Mathematical Literacy	5
TS 76	Mathematical Literacy	5

All the courses in this or the tables below qualify for MATH 86 or higher		
MATH 86	Essential Int Algebra	5
TS 86	Intermediate Algebra	5
MATH& 107	Math In Society	5
MATH& 146	Intro to Statistics	5
All the courses in this or the tables below qualify for MATH 96 or higher		
MATH 96	Int Algebra for Precalculus	5
PHIL& 120	Symbolic Logic	5
All the courses in this or the tables below qualify for MATH 138 or higher		
MATH 138	Applied College Algebra	5
All the courses in this or the tables below qualify for MATH& 141 or higher		
MATH& 141	Precalc I: College Algebra	5
MATH& 142	Precalculus II: Trig	5
MATH& 144	Pre-Calc I & II: Review	5
All the courses in this or the table below qualify for MATH& 148 or higher		
MATH& 148	Business Calculus	5
All the courses in this table qualify for MATH& 151 or higher		
MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
MATH& 163	Calculus 3	5
MATH 260	Linear Algebra	5
MATH 261	Differential Equations	5
MATH& 264	Calculus 4	5

DTA Social Sciences Course List

This list represents courses that have been offered within the last five years at Everett Community College and is not a comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify as DTA Social Science courses.

Requirements

Social Sciences Course List		
ANTH 116	Cultures In Context	5
ANTH 122	Human Diversity	5
ANTH 255	Medicine across Cultures	5
ANTH& 204	Archaeology	5
ANTH& 206	Cultural Anthropology	5
ANTH& 216	Indigenous Peoples of NW Coast	5
BUS& 201	Business Law	5
CMST& 102	Introduction to Mass Media	5
CMST& 210	Interpersonal Communication	5
CMST& 230	Small Group Communication	5
CJ& 112	Criminology	5
DESJ 118		
DESJ 297	From Inquiry to Civic Action	2
DESJ 298	DESJ Capstone	3
ECED& 105	Introduction to ECE	5
ECON 101	Understanding Economics	5
ECON& 201	Micro Economics	5

ECON& 202	Macro Economics	5
EDUC& 115	Child Development	5
EDUC& 202	Introduction to Education	5
GEOG& 100		
GEOG 102	World Regional Geography	5
GEOG 201	Cultural Geography	5
GS 101	Introduction to Global Studies	5
GS 188	Introduction to China	5
HIST 100	Ancient and Medieval Worlds	5
HIST 103	History of World Civilizations	5
HIST 111	Western Civilization to 1648	5
HIST 112	Western Civ 1648 to Present	5
HIST 170	Multicultural American History	5
HIST& 146	U.S. History I	5
HIST& 147	U.S. History II	5
HIST& 148	U.S. History III	5
HIST& 214	Pacific Northwest History	5
HIST& 215	Women In U.S. History	5
HUM 110	Intro to Amer Cultural Studies	5
HUM 180	Intro Latinos In the U.S.	5
HUM 200	Intro Women/Gender/Sexuality	5
LING 200	Intro to Linguistic Thought	5
PHIL 110	Social Ethics	5
PHIL 215	Ethics	5
PHIL 267	Philosophy of Religion	5
PHIL& 101	Introduction to Philosophy	5
PHIL& 115	Critical Thinking	5
POLS 210	Politics of Diversity	5
POLS& 101	Intro. to Political Science	5
POLS& 200	Introduction to Law	5
POLS& 202	United States Government	5
POLS& 203	International Relations	5
POLS& 204	Comparative Government	5
PSYC 125	Psychosocial Issues I	2
PSYC 205	Introduction to Personality	5
PSYC 209	Research Methods in Soc Sci	5
PSYC 210	Human Sexuality	5
PSYC 225	Psychosocial Issues III	1
PSYC 235	Psychosocial Issues IV	1
PSYC 240	Social Psychology	5
PSYC& 100	General Psychology	5
PSYC& 200	Lifespan Psychology	5
PSYC& 220	Psychological Disorders	5
SOC 170	Intro to Power & Privilege	5
SOC 209	Research Methods in Soc Sci	5
SOC 220	The Family	5
SOC 240	Social Psychology	5
SOC 255	Medicine across Cultures	5
SOC& 101	Introduction to Sociology	5

Diversity Course List

This list represents courses that have been offered within the last five years at Everett Community College and is not a

comprehensive list. Other courses offered prior to this time, or ones added in the future, may also qualify as Diversity courses.

Requirements

Diversity Course List		
ANTH& 206	Cultural Anthropology	5
ANTH& 216	Indigenous Peoples of NW Coast	5
ANTH 116	Cultures In Context	5
ANTH 122	Human Diversity	5
ANTH 230	African American Experience	5
ANTH 255	Medicine across Cultures	5
ART 228		
ART H 124	Understanding World Art	5
ART H 226	Art and Social Justice	5
ART H 228	World of Anime & Manga	5
BOT 115	Global Ethnobotany	5
BUS 110	Business Communications	5
CMST& 240	Intercultural Communication	5
DESJ 118		
DESJ 298	DESJ Capstone	3
ECON 101	Understanding Economics	5
EDUC& 115	Child Development	5
EDUC& 150	Child, Family and Community	3
ENGL& 111	Introduction to Literature	5
GEOG 102	World Regional Geography	5
GEOG 201	Cultural Geography	5
GS 101	Introduction to Global Studies	5
GS 105	Global Issues Through Film	5
GS 185	Introduction to Latin America	5
GS 188	Introduction to China	5
HCM 181	Law/Ethics Healthcare Occup	5
H DEV 201	Live & Work in Diverse Society	5
HIST& 215	Women In U.S. History	5
HIST 103	History of World Civilizations	5
HIST 170	Multicultural American History	5
HLTH 150	Intercultural Comm in Hlthcare	5
HUM 110	Intro to Amer Cultural Studies	5
HUM 150	Surviving The Holocaust	5
HUM 160	Japanese History & Culture	5
HUM 178		
HUM 180	Intro Latinos In the U.S.	5
HUM 200	Intro Women/Gender/Sexuality	5
HUM 247	Intro. to World Religions	5
MUSC 110	World Music	5
POLS 210	Politics of Diversity	5
PSYC 210	Human Sexuality	5
SOC 170	Intro to Power & Privilege	5
SOC 220	The Family	5
SOC 255	Medicine across Cultures	5

College Vocabulary

Academic Honors
Students who achieve quarterly grade point averages (GPAs) of 3.60 to 3.99 in at least 10 EvCC traditionally graded credits are recognized by the Office of the Vice President of Instruction. Those who achieve a quarterly GPA of 4.0 are recognized by the President's Office.

Accredited College
Certified by a regional accrediting agency as having fulfilled minimum standards. Credits from regionally accredited schools are usually transferable. Some schools are accredited by national accrediting bodies, and in some cases courses from such schools may be transferable.

Admission
Admission is the process of completing and submitting a college application. Most students complete the online application via web admissions. Some programs have additional or alternate admission processes.

Admissions Application
The process by which individuals apply to gain entry into a college or university. A web-based application allows an individual to apply for admission to several of the community and technical colleges within the state of Washington. Once processed, students are matriculated. They then receive an admissions letter via email with their ctcLink Student Identification Number (SID) and information about the next steps to take. Some programs have additional or alternate admission processes. Applying for admission is a separate process from applying for financial aid.

Advisor
A member of the college faculty designated to assist students in planning their programs of study. This includes general academic, program-specific, and entry advising.

Audit
Taking a class without receiving credit or a grade. Full tuition and fees must be paid.

Blocks
A block is punitive in nature, preventing a student from registering for classes, and/or from obtaining an official transcript. Blocks are not removed until the student has conducted whatever business is needed to do so (pay a fine, meet with a dean, etc.).

Catalog
The annual contract with students. The catalog (this document) contains college policies, procedures, course definitions and descriptions.

Class
A specific section of a course (such as English 101 Section A) and has a specific class item number.

Class Item Number
A five-digit number found in the class schedule, specific to the class, section, and the quarter offered.

Class Section
Courses are broken down into class sections. They are the same class offered at different times, locations, and can differentiate teaching modalities such as in-person, online or hybrid classes. Please refer to EverettCC.edu/Classes for a complete list of section definitions.

Class Schedule
The list of classes offered in any given quarter, which gives an overview of information found in the catalog. EvCC's class schedule is available online at EverettCC.edu/Classes.

College in the High School

A free dual credit program where high school students, grades 9 through 12, can take college-level courses at their high school.

Commencement
An annual ceremony recognizing students' academic accomplishments.

Course
The specific discipline (subject), such as English 98 or Math& 141.

Common Course Number (&)
A course number that contains an ampersand (&) is a course number and course title shared by many colleges in the Washington community and technical college system, thereby assisting students who may transfer from one community college to another.

Co-requisite
A course that must be taken during the same quarter as another course.

Counselor
A member of the college faculty who has professional training in counseling and who assists students who have challenges of an academic, career or personal nature.

Course Repeat
The process of repeating a course for the purpose of improving a grade. The highest grade earned of the original or repeated courses will be used to calculate the student's cumulative grade point average. 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). The student must register for the course they plan to repeat, and pay all necessary fees. If the class was taken prior to Fall 2021, a Course Repeat Form must be turned into Enrollment Services.

Credit, Unit, Credit Hour, or Quarter Hour
A measure of college work. In lecture and seminar classes, one credit hour is given for one clock hour of attendance each week for one quarter. In non-lecture courses, however, two or three clock hours of attendance each week are required to earn one credit. The quarter hours of credit for each course are shown after the course titles in the Course Descriptions section of this catalog.

ctcLink
EvCC's student management system is used for admissions, class registration, and more. ctcLink has been implemented by all 34 Washington community and technical colleges in a centralized system. For more information, visit EverettCC.edu/ctcLink.

CTE Dual Credit
A low cost dual credit program where high school students, grades 9 through 12, can take college-level vocational/technical courses at their high school. Formerly known as Tech Prep.

Current Student and Returning Student
A current student is a person who has attended EvCC within the last two quarters (not including summer.) A returning student is a person who attended EvCC more than three quarters ago (not including summer quarter).

Curriculum
The complete list of courses offered by the college. Also, a group of courses required for a specific degree.

Deficiency
Lack of credit in a course required for a program or degree.

Degree or Certificate
Awarded by the college to signify that a student has successfully completed a prescribed program of study.

Degree Planner
A tool to assist in the evaluation and planning of a student's academic and professional/technical goals while at Everett

Community College. Combines any courses that have been successfully completed at EvCC, any officially transferred-in courses from different institutions via a Transfer Credit Evaluation, and current enrollment records at EvCC. Student's can access their Degree Plan at EverettCC.edu/Starfish.

Direct Transfer Agreement (DTA)
An associate degree which confers specific transfer rights to most four-year colleges and universities in Washington state. See direct transfer degree program checklist for completion requirements.

Distribution Areas
Courses in each distribution area may share subject matter, ways of acquiring new information, evaluative criteria, and modes of analysis. Awarding of a certificate(s) and/or degree(s) requires the completion of outlined distribution area credits in the program checklist. Refer to Direct Transfer Agreement Program Checklist for a complete list of all distribution area courses.

Distinction
Students who have met specific degree and/or certificate requirements are recognized with Distinction if their EvCC Cumulative GPA is 3.20 or above, as noted: 3.20-3.59 = Distinction
3.60-3.99 = High Distinction
4.0 = President's Distinction

Division
An administrative unit within the instructional area of the college, e.g., Social Sciences.

Domicile
The country/state that a person treats as their permanent home, or lives in and has a substantial connection with. To reside/live in a place does not mean domicile, as someone can live in Washington and have established domicile in another state or country.

Drops
A procedure whereby the institution or the student officially cancels enrollment in classes they are registered.

Dual Credit
College courses that allow high school students to earn high school and college credit simultaneously. Dual Credit programs include College in the High School, CTE Dual Credit, Running Start, and Ocean Research College Academy (ORCA).

Elective
A course which is not required for a particular program, but may be counted toward the total number of credits required for a certificate or degree.

Enrolled
A student becomes officially enrolled in a class by registering for it. For the purposes of Transfer Credit Evaluations, Enrolled Students are students who have registered for classes in the current quarter, or have credits already transcripted at EvCC.

Enrollment Requirement

See prerequisite.

Enrollment Services Office
Provides primary entry services to prospective students. Enrollment Services coordinates admissions, placement, and registration processes, as well as records and credential evaluations. Also referred to as Admissions and Registration.

Fees
Costs associated with classes, and other services, such as the E-Tech fee, Campus Enhancement fees, Green fees, state-supported credits, self-support credits.

Financial Aid
Financial aid is money to help pay for college. Grants, work-study, loans, and scholarships help make college affordable.

Financial Aid Application
The primary document used to determine eligibility for financial aid is the Free Application for Federal Student Aid (FAFSA). Applicants provide detailed information about their financial situation, and the data is analyzed by the U.S. Department of Education using a standardized formula called Federal Methodology. This formula assesses each applicant's ability to contribute toward their education, and the EvCC Financial Aid office uses this information to determine the applicant's financial need. We use the following formula to determine eligibility: Cost of Attendance - Expected Family Contribution (EFC) - Other Resources = Financial Need. (Page 36). This is a separate step from applying for admission to the college. For information about the Washington Application for State Aid, please refer to WASFA. After you complete your FAFSA or WASFA, EvCC's Financial Aid Office will email you at the address you put on your application. Log into the Student Homepage of your ctcLink account to view your financial aid application status, aid offered, messages and your To Do List.

Flags
This is a Starfish term for blocks.

Full-time
For enrollment verification purposes, a minimum of 12 credits in a given term is full-time. Note: For summer quarters only, the Veteran Resource Center sets the minimum credits for full-time status for qualifying veterans.

General Educational Development (GED)
A series of exams which, with successful completion, will earn a GED (General Education Development) Certificate. These tests are offered at the college, but the credential is not awarded or transcribed by the college. The test is offered in the Testing Center by appointment only. If needed, the Transitional Studies division offers classes to help students prepare for the GED Test.

Grade Point Average (GPA)
The GPA is a measure of the student's overall academic performance. It is based upon those courses in which a student has received letter grades A through F. Non-traditional grades are excluded from GPA calculations. The Cumulative (CUM) GPA includes all courses taken at EvCC with traditional grades. The College Level (CLVL) GPA includes only those courses taken at EvCC numbered 100 and above with traditional grades. See the academic regulations section of this catalog for more information.

Graduation Application
File an application for your diploma or certificate with the Enrollment Services office. This should be done at least one quarter before the quarter of intended graduation. See the Important Dates calendar in the Catalog. Students who plan to participate in the June commencement ceremony and have their name printed in the commencement program must file an application for a diploma by the deadline published on EvCC's website and in the front of this catalog. The deadline is typically about 8 weeks prior to graduation; applications received after that deadline will still receive consideration but may be delayed until the on-time applications are completed. The diploma application must be filed with the Enrollment Services office.

High School Completion
Program for students 16 years and older who do not have a high school diploma. Students can take high school or college level courses to meet state high school graduation requirements at EvCC.

Holds
In ctcLink holds can be punitive or not. A punitive hold will not allow registration. A non-punitive hold can be used to prevent classes being dropped for non-payment or while funding is being processed. These are primarily used by offices attached to funding (Financial Aid, Veteran Resources Center, Cashiers Office, etc.), though not exclusively.

Honor Society
Students who meet the academic requirements are provided the opportunity to join the international honor society for two-year colleges, Phi Theta Kappa. Students who are members transferring to or from EvCC are able to transfer their membership to the current school they are attending.

Honors Program
Students who have completed the program requirements are provided the opportunity to enrich their academic experiences at

EvCC. This can be done by either taking honors sections of courses, or by completing an honors contract with a specific instructor to enhance traditional sections of classes.

Hybrid Class
Classes held both in-person and online. Classes replace a portion of in-class time with online work.

Incomplete
A grade given when an instructor agrees to allow the student to finish course requirements beyond the official ending date of the course.

Independent Studies Class
Classwork is arranged with a faculty member with a learning contract.

Kudos
This is a Starfish term. These are placed on a student's account when EvCC faculty and/or staff want to send a student a personalized note of encouragement or congratulations.

Lower Division
Freshman and sophomore-level courses numbered 100-299.

Mandatory Entry Advising
All new, degree-seeking students are required to complete Entry Advising. Students are matched with a program advisor in their first term of enrollment and are encouraged to contact that faculty member for degree planning support.

Major
The subject or field of study to which the student devotes concentrated attention.

Non-Resident Student
See resident student.

Ocean Research College Academy (ORCA)
A full-time Running Start option for high school juniors and seniors. Students can earn up to two years of tuition-free college credit while completing high school.

Official Transcript
A sealed copy of the student's academic record bearing the college seal, the signature of the registrar, and mailed directly to the receiving party from Everett Community College. Upon request, a sealed copy of an official transcript may be given to the student. A sealed transcript becomes unofficial when opened by anyone other than a college or university official.

Online class
Asynchronous Online: Classes do not require specific meeting times. Instructors will provide due dates and students will have flexibility in what time of day they work on the course. Check the course description in the class schedule to see if a course requires in-person exams.

Synchronous Online: The class requires virtual meetings at a specific time. Check the course description in the class schedule to see if a course requires in-person exams.

Open Enrollment
The period of time that registration is open to all students. Once this window opens, students are eligible to register at any time online or in person, until classes begin. Once the quarter starts, unless it is a late start class, instructor permission is required to register in any class.

Outreach
The act of going out into the community and letting prospective students, families, and the community know that opportunities for higher education exist at EvCC. This refers to talking about the programs we offer, and the methods to apply, financial aid, etc. Outreach is more broad in activities than recruiting.

Pathways
Pathways are groups of related degrees and certificates to help clearly define a student's academic goals.

Permission
Written permission from an instructor, received either via email, a physical signature, or a permission code, for entry into a specific class.

Permission Codes
A six-digit number generated for students to use during online registration when instructor permission is required. Can also be used in person with Enrollment Services.

Placement
Establishes a baseline to assess skills in math and English, and can satisfy the prerequisites for courses here at EvCC. Placement can be established with previously taken tests scores, or classes and grades on high school or university transcripts. Obtaining placement is a requirement for all degree and/or certificate seeking EvCC students who wish to register for eight or more credits with math and/or English prerequisites. There is no credit granted for placement.

Pre-Professional
A program designed to prepare students for later specialization in a particular field upon transfer to a college or university.

Prerequisite
A course which must be taken before a student is allowed to take another course. For example: Math 096 is a prerequisite for Math &141. Listed as Enrollment Requirements in quarterly class schedule.

Probation, Academic Dismissal
A status imposed upon a student because of low grades or lack of completion. See the academic regulations section of this catalog.

Prospective Student
A student who has never attended Everett Community College.

Quarter (also referred to as Term)
A term of instruction consisting of approximately 11 weeks. The regular academic year includes fall, winter and spring quarters; summer is abbreviated to 8 weeks and is an optional term.

Recruiting
Actively working with a prospective student to get them admitted and ready for their life as a student. Recruitment is more specific and granular than Outreach, and can include working one-on-one with a student.

Registration
The selection of classes by admitted students via submission of a completed class registration form or completion of the online registration process. A student becomes officially enrolled in a class by registering for it and assumes responsibility for payment once registered.

Registration Dates
Prioritized registration dates for upcoming quarters for students who are enrolled currently or have been enrolled within the past four quarters. Registration Dates are calculated using the number of college credits a student has already earned at EvCC. Often referred to as Registration Appointments.

Resident Student
A student who pays resident tuition and fees as defined by Washington state law. See Enrollment Services section of this catalog.

Running Start
A tuition-free dual credit program where high school juniors and seniors can take college-level classes at EvCC campuses to earn college credit and complete high school graduation requirements.

Running Start Application
An online application for admission to the Running Start program. Students should follow the Running Start Application Steps at EverettCC.edu/RunningStart.

Running Start Enrollment Verification Form
A form submitted to the Running Start office every fall, winter, and spring quarter by admitted Running Start students. This informs EvCC staff of college credit eligibility allowed by the high school, and acts as a release form from the school district. This form must be signed by a high school counselor, the student, and legal parent/guardian. The form must be submitted at least three business days before a student registers.

Starfish
Starfish is EvCC's student success and retention tool. Students can schedule appointments with participating instructors and staff, reach out to services for assistance, and get a variety of notices about how to be successful.

Transfer Credit
Traditional or non-traditional credit(s) not obtained directly from EvCC but eligible for use toward an EvCC degree or certificate from transcripted courses completed at other colleges or universities. These credits are added to a student's EvCC record to be used toward degree and/or certificate requirements. Transfer credit evaluations are requested by submitting official college or university transcripts and the transfer credit evaluation form.

Transfer Credit Evaluation
The transfer credit evaluation should be requested after registering for courses at EvCC in order to transfer credits earned at other institutions to EvCC.

Transfer Student
A student who goes on to a four-year college or university after attending a community college. Also, a student who comes to a community college from another community college, college or university.

Transitional Studies
Pre-college level courses for those who wish to improve their basic skills, upgrade employability, or prepare for further study. Students can take classes to finish high school, earn a GED, improve communication skills in English, or build a foundation in reading, writing, and math.

Tuition
Tuition payments are fees charged by education institutions for instruction or other services.

WASFA
Washington Application for State Financial Aid. A free application that allows non-citizens to apply for student Financial Aid in Washington State.

Withdrawal
A procedure whereby students officially notify the Enrollment Services office in writing, after the refund deadline, when they intend to cancel enrollment in classes they have already begun attending. Will result in a W grade on the student's transcript, but will not affect the student's overall GPA at EvCC.

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