In an effort to promote education throughout the community, Everett Community College offers various college courses at locations throughout the area. Please check the locations listed in the quarterly schedules to find class sites.
Everett Community College Main Campus
2000 Tower Street, Everett, WA 98201-1390 www.everettcc.edu Switchboard/Information: 425-388-9100

Note: Arts and Sciences classes and offices will move to Whitehorse Hall in January, 2007.

Administrative Services,
Office of the Vice President.................................C-2
Olympus Hall – South Wing, 1st floor

Administrative Computing Center.........................L-7
Shuksan Hall, 2nd floor

Admissions Office.............................................G-4
Jackson Center

Adult Education..................................................C-3
Rainier Hall, 2nd floor

Art Classrooms and Labs.................................H-4
Glacier Hall

Arts/Media/Journalism Office..........................H-6
Index Quad, 119

Associated Students Offices..........................E-3
Parks Student Union, main floor

Aviation Classrooms/Labs
Building C-80, Paine Field (See page 2)

Bookstore ......................................................E-3
Parks Student Union, main floor

Business and Applied Technology
Division Office..............................................C-1
Olympus Hall – North Wing, 1st floor

Business Classrooms.................................B/C-1
Olympus Hall – North Wing, 1st floor

Business Faculty Offices...............................C-1
Olympus Hall – North Wing, 2nd floor

Communications/Social Science
Division Office...............................................B-3
Rainier Hall, 3rd floor

The Cascade Range Cafe..........................E-3
Parks Student Union, main floor

Counseling, Advising and Career Center...........E-3
Parks Student Union, upper floor

Cashier.........................................................F-4
Jackson Center

Center for Disability Services..........................E-3
Parks Student Union, main floor

Ceramics Studio.............................................I-3
Pilchuck Hall

Child Care Center........................................O-1/2
Early Learning Center, 820 Waverly Ave. (See page 2)

College Advancement,
Office of the Vice President..................B-2
Olympus Hall – West Wing, 2nd floor

Computer Classrooms/Labs........................B-1, K-6, D-1
Olympus Hall, Shuksan Hall, Baker Hall

Continuing Education Department
Applied Technology Training Center,
2333 Seaway Blvd., Everett (See page 2)

Cosmetology Classrooms/Labs
9315-6 State Avenue, Marysville (See page 2)

Criminal Justice Program Office.....................H-5
Index Quad, Room 105

Counseling, Advising, and Career Center........E-3
Parks Student Union, upper floor

Distance Learning.............................................D-3
Parks Student Union, lower floor

Switchboard/Information: 425-388-9100

Fitness and Sports Center
is at 1815 13th Street
### Campus Directory

- **Multicultural Student Success Center**
  Parks Student Union, upper floor

- **Music Office**
  Rainier Hall, 3rd floor

- **Nippon Business Institute**
  Japanese Cultural and Resource Center, 905 Wetmore Avenue

- **Northlight Gallery**
  Parks Student Union, main floor

- **Nursing and Health Sciences Classrooms/Labs**
  Parks Student Union, main floor

- **Ocean Research College Academy (ORCA)**
  Applied Technology Training Center, 2333 Seayw Blvd., Everett

- **The Paperclip (Student Assistance Center)**
  Parks Student Union, main floor

- **Payroll**
  Olympus Hall – South Wing, 1st floor

- **Parking Services**
  Parks Student Union, main floor

- **Photography Classrooms/Labs**
  Parks Student Union, main floor

- **Physical Education**
  Fitness & Sports Center, 1815 13th Street, Everett (See page 2)

- **President**
  Olympus Hall – South Wing, 2nd floor

- **Print Shop**
  Parks Student Union, main floor

- **Purchasing**
  Monte Cristo Hall Annex

- **Rainier Learning Center**
  Rainier Hall, 1st floor

- **Refugee and Immigrant Services**
  Rainier Hall, 2nd floor

- **Registration Office/Registrar**
  Jackson Center

- **Running Start**
  Jackson Center

- **Safety & Security**
  Parks Student Union, main floor

- **Science Classrooms/Labs**
  Monte Cristo Hall, 1st and 2nd floors

- **Science, Math and Occupations**
  Shuksan Hall, lower floor

### Alphabetical Building Directory

#### Main Campus

- **Baker Hall**
  E-1

- **Broadway Center**
  S-3

- **Glacier Hall**
  H-4

- **Jackson Center**
  G-4

- **Index Quad**
  H/1-5/6

- **Japanese Cultural Resource Center**
  B-8

- **Library**
  D-3

- **Monte Cristo Hall**
  G-2

- **Maintenance Buildings**
  H-2

- **Olympus Hall**
  B-2

- **Pilchuck Hall**
  I-2

- **Rainier Hall**
  C-3

### Additional Buildings

- **Shuksan Hall**
  K-6

- **Whitehorse Hall**
  K-8
Welcome from the President

For over sixty-five years, Everett Community College has been a wise educational choice and a stimulating source for personal enrichment. Our continuing goal is to enable you to achieve your academic, technical, and basic education goals. Our graduates confidently transfer to universities to complete bachelors or postgraduate degrees while others hone their professional and technical skills and flourish in new and challenging careers. Last year more than 1700 diplomas, certificates and degrees were awarded. Other students achieve personal goals of literacy, cultural transition, or stable employment.

The College continues to create and strengthen partnerships with business and industry, local communities, and other educational institutions to ensure that learning opportunities are dynamic and relevant. Faculty are developing new strategies in instruction by creating online classes, new combinations in classroom and electronic media, and interdisciplinary programs that delve into the connectedness of issues in our contemporary world. Students can earn several degrees and certificates on a distance basis. We are working with local hospitals and clinics to prepare world-class health care professionals and technicians. Our theater, language, and visual arts programs are bustling with energy and sophistication. We utilize a student-led campus-wide effort to upgrade our technology options by offering universal student access to computing resources and enhancing the quality of our digital systems.

In Winter 2007 we will open our new Arts and Sciences facility, Whitehorse Hall. The building will modernize the College’s arts studios and science labs and provide space for expansion in each program. Initial planning has also begun for a 80,000 square foot Undergraduate Education Center, scheduled to open January, 2009. This facility will serve the needs of students acquiring associate degrees and transferring to four-year colleges and universities; it will also be the primary location for Bachelor’s and Master’s degree programs offered by a number of state universities. Improvements to parking and transit facilities and to our cultural gardens are in progress. Our technology network and website have been improved to provide greater accessibility to the College and more distance learning options. Log on at www.everettcc.edu.

In addition to enhancing students’ lives, Everett Community College’s contribution to the local economy is substantial and growing. According to a recent independent socioeconomic study, business sales in the region are $349 million greater and personal income is $149 million larger because of EvCC’s presence. The benefits to the local economy translate into job and investment opportunities, increased business revenues, and greater availability of public funds.

EvCC faculty and staff are recognized for their scholarship and community service. The EvCC Foundation continues to exceed expectations, raising funds to support scholarships, instructional equipment, and professional development opportunities. The College has been recognized for its work in economic development and inter-college partnerships.

We focus on providing the tools for people to grow. Our faculty and staff are dedicated to your success. We want our enthusiasm for learning to spark yours. Everett Community College is... a wise choice!

Sincerely,

Michael Kerns
Interim President
BOARD OF TRUSTEES AND ADMINISTRATION

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Gene L. Chase, Arlington
Thomas J. Gaffney, Everett
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Central Administration
Interim President
Michael Kerns
425-388-9572

Interim Vice President, Administration
Patrick Sisneros
425-388-9253
psisneros@everettcc.edu

Vice President, College Advancement
Dottie Krzyzanoski
425-388-9555
dkrzyzanoski@everettcc.edu

Vice President, Human Resources
Liz Olson
425-388-9232
eolson@everettcc.edu

Vice President, Instruction
Hamid Eydgahi
425-388-9216
heydgahi@everettcc.edu

Vice President, Student Services
Rich Haldi
425-388-9589
rhaaldi@everettcc.edu

Senior Assistant to the President
Interim Dean, Learning Services
Stuart Barger
425-388-9142
sbarger@everettcc.edu

Dean, Business and Applied Technology
Patrick Sisneros
425-388-9212
psisneros@everettcc.edu

Dean, Communications and Social Sciences
Craig D. Lewis
425-388-9031
cdlewis@everettcc.edu

Dean, Library/Arts and Distance Learning
Jeanne Leader
425-388-9502
jleader@everettcc.edu

Dean, Nursing/Health Professions/Professional-Technical Education/Physical Education Health & Wellness
Patricia Black
425-388-9550
pblack@everettcc.edu

Dean, Science/Math/Occupations
Al Friedman
425-388-9399
afriedman@everettcc.edu

Dean, Workforce Development
Frank Cox
425-388-9551
fcox@everettcc.edu

Associate Dean, Diversity
Christina Castorena
425-388-9282
ccastorena@everettcc.edu

Associate Dean, Enrollment Services
Christine Kerlin
425-388-9204
ckerlin@everettcc.edu

Associate Dean, Continuing Education
Sue Russell
425-267-9520
srussell@everettcc.edu

Interim Executive Director, University Center
Christine Kerlin
425-388-9204
christine.kerlin@universitycenters.info

Executive Director, Foundation
Dottie Krzyzanoski
425-388-9555
dkrzyzanoski@everettcc.edu

Executive Director, ORCA
Ardi Kveven
425-267-0156
akveven@everettcc.edu

Director, Center for Disability Services
Kathy Cook
425-388-9273
kcook@everettcc.edu

Director, Counseling, Advising and Career Center
Earl Martin
425-388-9268
emartin@everettcc.edu

Director, Distance Learning
Sara Frizelle
425-388-9585
sfrizelle@everettcc.edu

Director, Emergency Services Programs
Jeanne Kraske
425-388-9591
jkraske@everettcc.edu

Director, Financial Aid
Laurie Franklin
425-388-9035
lfranklin@everettcc.edu

Director, Institutional Research
Darryl Dieter
425-388-9392
ddieter@everettcc.edu

Director, Student Activities and Programs
Joann Ashlock
425-388-9507
jashlock@everettcc.edu

Director, Student Support Services
George Deitz
425-388-9274
gdeitz@everettcc.edu

Director, School of Business Design
Jamie Curtismith
425-870-0267
jcurtismith@everettcc.edu

Grants Developer
Carla Shafer
425-388-9389
ashafer@everettcc.edu
Community College continues to serve a growing population with diverse educational needs. Recent enrollments range between 9,000 — 10,000 students across all College programs. From launching university-bound high school graduates, to renewing career skills for an ever-changing workforce, Everett Community College intends to meet the education challenges of the future with the same professionalism, quality instruction and dedication to each student that it has during its first 65 years.

Mission Statement
The primary mission of Everett Community College is to provide quality education in an atmosphere that encourages all students to achieve their educational goals. Through effective teaching and supportive student services, the College prepares students to be lifelong learners, responsible community members, and citizens in a rapidly changing world. To accomplish this mission, the College will:

- Provide equal access to educational opportunities for all students;
- Maintain high standards of excellence in instructional programs and student services;
- Promote a sense of campus community characterized by mutual support and open communication;
- Encourage diversity, collegiality, and professionalism;
- Collaborate with regional businesses, agencies, schools, and universities to create mutually beneficial partnerships.

Vision Statement
Everett Community College is the academic, technical, and cultural center of learning for the region.

A Brief History of the College
Founded in 1941, Everett Community College has grown from modest beginnings in a converted elementary school to become a dynamic campus serving university-bound students taking advantage of affordable tuition and flexible schedules, and preparing the region’s workforce with new skills for challenging careers.

While the school’s early years during World War II were difficult ones, the post-war years brought rapid growth. New programs and faculty were added each year and students flocked to the institution in growing numbers. In 1958, the College moved the main campus to its permanent site in north Everett. That site now houses 13 modern brick buildings on a pleasant, tree-shaded campus adjoining the Legion Memorial Park Golf Course. In 1999 the College added Shukshan Hall, a two-story technology center featuring up-to-date science labs and computer-equipped classrooms. The 22-acre main campus includes classrooms and labs in academic buildings named after peaks of the surrounding Cascade and Olympic mountain ranges; the John Terrey Library-Media Center; the Gary Parks Student Union—which houses the bookstore, cafeteria, and art gallery; a child care center; and the Nippon Business Institute and Japanese Cultural and Resource Center.

In 2003 the College expanded to Broadway Center at North Broadway and Tower Street, adding eight new classrooms, offices and a commons area. Construction is nearing completion on Whitehorse Hall which will be the new home for physical sciences, visual arts and journalism programs. Plans are under way for an Undergraduate Education Center and an on-campus site for the North Everett Transit terminal. Western Washington University (WWU) Everett Education Center is located in Broadway Center.

The school’s Fitness and Sports Center is located three blocks south of the main campus at 1815 13th Street. The complex includes a gymnasium, soccer and softball fields. The EvCC ‘Trojans’ compete intercollegiately in men’s and women’s basketball, cross-country and soccer, baseball/softball, and women’s volleyball.

Everett Community College operates several satellite learning centers. The Applied Technology Training Center in south Everett offers numerous opportunities for training or re-training in technology-based career fields. The College offers classes in aircraft mechanics and quality control through our Aviation Maintenance Technology Program, located in a complex of three buildings at Paine Field, also in south Everett. The School of Cosmetology is located in Marysville.

The College also offers classes in Monroe at Monroe High School and Junior High School, and through a popular and growing distance-learning network.

In 2006 the College was authorized to administer the University Center of North Puget Sound for the purpose of offering Bachelor’s and Master’s degrees for regional residents. Through partnerships with a number of state universities and colleges, courses toward advanced degrees are offered on-campus, at the downtown Everett Station, and through distance modes.

Everett Community College counts among its alumni many of the area’s business, government, and civic and social leaders. EvCC students have gone on to serve their communities in the United States Congress, the Washington State Legislature, and local government; they build businesses and support enterprises that fuel the region’s— and the nation’s— economy, and distinguish themselves in the world of art, literature and music.

As the academic, technical, and cultural center of learning for the region, Everett...
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 - Option II 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 Option II direct transfer degree. In fact, for a number of majors it is critically important to complete the lower division preparatory requirements at EvCC.

- While the Option II 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 biological, physical, engineering, and computer 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 of 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.

- Alternatively, transfer students in other selected majors may find that our Associate in Arts and Sciences - Option I, Associate in Applied Science - Transfer, and Associate degrees in Math/Science Education offer additional options for tailoring their EvCC coursework for successful transfer.

Because EvCC’s tuition is much lower than tuition at the university level, students may find that they can complete the first two years of their college education at a reasonable cost and use the savings to continue their education at the university. Not only are the financial savings significant, but studies have indicated that transfer students to universities from Everett Community College demonstrate strong academic achievement at the university level.

Professional and Technical Programs
Everett Community College offers a variety of professional-technical programs in high demand occupations. Short-term training, certificates and a variety of specific 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 computational, 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 various occupational fields, to help develop and maintain cutting edge courses by incorporating current skills standards and competencies necessary for successful employment. They also provide a liaison with business and industry in researching employment and training needs.

Rapidly advancing technologies create the possibility that workers will retrain several times during their lifetime. The College collaborates with DSHS, Employment Security, DVR, the Workforce Development Council 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 coursework to a university for further education toward a bachelor’s degree. For example, City University and The Evergreen State College accept most of our ATA degrees in transfer. Also, the Associate in Applied Science - Transfer enables students in designated technical programs to transfer their credits to a university with a similar program. Additionally, many professional-technical courses are articulated with K-12 programs through the Tech Prep Career Pathways. Students should check with a program advisor for credit eligibility requirements.

Curriculum guides in all professional/technical areas are available to assist students in planning programs. Refer to the Courses section of this Catalog for information about programs in your interest area or call Enrollment Services for additional information.

Adult Education/High School Completion
Everett Community College offers courses for adults who wish to improve their basic skills or English communication skills. Classes are offered in the day and evening, both on- and off-campus. The Basic Skills program provides instruction in reading, writing, and math at several levels. GED Test Preparation classes are also taught as part of the Basic Skills Program. Orientation and registration information is available through the Adult Education Office, 425-388-9291.

English as a Second Language classes are provided to non-English speakers. Specialized ESL classes are available for recently arrived refugees. All ESL classes focus on speaking, listening, reading, and writing skills. Persons interested in the English as a Second Language program should call Refugee and Immigrant Services Northwest, 425-388-9307.

The High School Completion program provides high school level classes to adults and out-of-school youth who need additional credits to finish their high school diploma. Advising appointments are available by calling 425-388-9291. Students need to provide an official copy of their previous high school transcript for use during the advising process.
Continuing Education
A variety of credit and non-credit workshops, special classes, and seminars has been developed to meet the training needs and personal enrichment interests within the community. These courses are especially designed to assist in furthering personal interests, upgrading technical skills, advancing career goals, or accommodating individual needs for continuing education. The department also offers customized contract training for area business and industry, and is responsible for the College in the High School program. Call 425-267-0150 for the latest offerings.

Senior Opportunities
Everett Community College offers a variety of educational and personal enrichment opportunities for mature adults in a selection of credit and non-credit classes. The quarterly class schedule of Continuing Education courses features a number of reasonably priced offerings in computer skills, fitness, writing, world languages, arts and crafts, dance, travel and much more. Many regular college credit classes are available to seniors for audit (non-credit) enrollment on a “space-available basis” for reduced tuition. See the College’s quarterly class schedule for information utilizing the Senior Citizen tuition reduction program, or contact Enrollment Services.

Distance Learning
Everett Community College offers distance learning courses as an alternative to traditional college courses. These courses work well for students who need flexibility in their schedule or who are looking for a more independent approach to their educational program. Although presented in a different way, these classes are fully accredited, and equivalent to on-campus classes in terms of credit earned and acceptability for transfer. Distance classes are ideal for the person who finds it more convenient to work on his/her own time. However, students should have strong organizational, reading, and writing skills to do well in these classes, as well as easy access to the Internet.

There are four types of distance learning courses available: Online, Correspondence, Correspondence/Online, and Telecourses. Online courses require students to connect to a “virtual classroom” through the Internet. Students submit assignments, interact with other students, and communicate with the instructor electronically; online courses are not self-paced. Correspondence courses are based on a written course guide and allow students to work at their own pace. Correspondence/Online courses are very similar to Correspondence courses, however in these classes, assignments are turned in electronically. Telecourses are a video-taped instructional series that is loaned to the student for the quarter. Some courses may require some on-campus meetings. Check the quarterly class schedule for this information.

It is possible to earn the Associate in Arts and Sciences — Option II (the direct transfer degree) or the Associate in General Studies degree from a distance. Courses that apply to these degrees are available each quarter. EvCC also offers unique online certificate programs in Medical Transcription and Medical Coding.

For general information about distance learning opportunities, call 425-388-9501, send an e-mail to distance@everettcc.edu or visit our website at www.everettcc.edu/distance.

For more information regarding the online Medical Transcription and Medical Coding program, call 1-888-304-3822, or send an e-mail to success@everettcc.edu.

High School Partnerships
In cooperation with local high schools, EvCC faculty and high school instructors collaborate to offer “College in the High School,” a program of college-level courses in selected subjects in the high school. In most cases these courses are transferable to some universities and are often related to Advanced Placement offerings in the high school. Students pay a flat fee and receive college credit and grades upon successful completion. This program is coordinated by the Continuing Education Department. Questions about the College in the High School program may be directed to 425-267-0153, or go to www.everettcc.edu/chs.

EvCC also participates in Tech Prep partnerships which link technical courses in the high schools with selected technical courses at EvCC. Students can earn high school and college credit simultaneously without leaving the high school campus. The program coordinator for Tech Prep can be reached at 425-388-9548. Information is also available at www.everettcc.edu/techprep.

The “Running Start” program offers qualified high school juniors and seniors an opportunity to attend regular college classes and earn credit that applies toward their college degree as well as their high school diploma. For more information, see the full description in the Admission section or go to www.everettcc.edu/runningstart.

International Opportunities

Nippon Business Institute and Japanese Cultural and Resource Center
The Nippon Business Institute (NBI) is an undergraduate international studies program concentrating on the practical and cultural aspects of Japan-U.S. business relationships. The primary mission of the NBI is to help “bridge the cultural gap” that exists between eastern and western cultures. The NBI program provides for the development of awareness, understanding, and skills in critical areas such as culture, history, business practices, and the Japanese language. Students can earn an Endorsement in US-Japan Intercultural Fundamentals through a concentrated course of study.

In addition to offering college credit courses in Japanese language, history and culture the NBI also conducts workshops and seminars covering Japanese language for children, cooking, calligraphy, flower arrangement, tea ceremony, and art. The NBI provides customized consulting and training services to government agencies and businesses wanting to improve their Japan-U.S. relationships. The NBI also offers cultural immersion programs providing students with valuable hands-on experiences in Japan. Contact the NBI at 425-388-9195, or go to www.everettcc.edu/nbi.

Northwest Language Center
The Northwest Language Center (NLC) at Everett Community College is an interdisciplinary effort committed to providing innovative programs that invite language learning and promote intercultural effectiveness and global understanding. The NLC comprehensively combines academic, research and extracurricular endeavors related to world languages. Our primary focus includes the languages and cultures of European, Central American and Latin American countries. Contact the NLC at 425-388-9499 or visit the website at www.everettcc.edu/nlc.

Current services of the Center include: short-term language and culture workshops, general conversational workshops, specialized terminology workshops, travel workshops, customized on-site language instruction to meet the needs of local businesses, cross-cultural training classes, language tutoring for individuals and groups, children’s classes and international student exchange programs with Stuttgart (Germany), Mexico and Spain.

Study Abroad
Enrichment, growth, and meaningful learning can be experienced in travel and study abroad. Opportunities for study in Germany, Mexico, Costa Rica, Japan, Paris and Italy are available through EvCC offerings, and the Washington State Community College Consortium for Study Abroad. Students may register for EvCC credit, and in most cases use the courses toward degree requirements. Contact Enrollment Services, the Northwest Language Center or the Nippon Business Institute for information and advising.

International Student Programs
Everett Community College enjoys several partnerships with overseas schools and colleges, and has agreements that enable students from those institutions to complete an associate degree at EvCC. Any student age 18 or older who has successfully completed his or her secondary school program in another country, and wishes to enroll at EvCC, is encouraged to apply for admission. EvCC offers an Intensive English Language program for international students, as well as specialized advising services, orientation, homestay referrals, international student club, and university transfer assistance. See “International Student Admission” in the Enrollment Services section for more information.

The Arts at EvCC
The creative, performing and visual arts programs at EvCC offer an integrated approach to learning and applying communications and media emphasizing graphic, photographic, studio and written arts, music, and theatre. Students collaborate in production-oriented programs with substantial guidance by a diverse and professionally active faculty. The program results in development and production of a presentation project suitable to demonstrate the student’s knowledge and applied skills.

The Associate in Fine Arts (AFA) is awarded for completion of course work in a variety of
Learning Communities

Looking for a personalized educational experience? An experience where you can connect the dots between your interests, your skills, and a variety of courses? Learning Communities offer a unique chance to achieve several goals at once in a supportive learning environment.

Learning Communities are usually 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 learning community format provides greater interaction between students and between students and teachers, and supports students by creating social networks.

At EvCC, learning communities are usually made up of a group of students who share two to three classes in common. The communities vary by the type of classes that are linked together, and by the degree to which course materials overlap between classes. For example, some learning communities are organized around an academic major or program at the college such as Science, Nursing, or 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., College Writing) with a content-focused class (e.g., Geology).

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

When you are discussing your educational plan with an advisor and selecting courses for the upcoming term, ask about Learning Communities. For descriptions of Learning Communities offered each quarter, go to www.everettcc.edu/lc.

The School of Business Design

The School of Business Design (SBD) at Everett Community College (EvCC) uses entrepreneurship education to develop the skills that create leaders who are capable of anticipating, initiating, and managing change. Students can earn an Entrepreneurship degree or Small Business certificates or participate in workshops, conferences, seminars, and personal coaching that allows for the customization of an individual’s passion and business idea. Graduates gain the knowledge and experience to start their own venture, or become valued employees.

The SBD supports students at all levels of their personal and business development. It is a place where innovation, design and entrepreneurship meet. It’s where we create new ways to solve old problems, using unique ways for our students to achieve success: hands-on, interdisciplinary, integrated, collaborative, convenient and relevant.

For more information, please contact us at 425-388-9584 or visit us on the web at www.everettcc.edu/sbd.

Ocean Research College Academy

The Ocean Research College Academy (ORCA) is a unique opportunity for high school students in the state of Washington. Using the framework of Running Start and the resources of Everett Community College, ORCA offers students a full-time college experience that satisfies the degree requirements for an Associate’s degree and most requirements for a student’s high school diploma. For students still enrolled in high school and admitted to the Running Start program, tuition is free. (See “Running Start” in the Enrollment Services section of the catalog.)

At ORCA, instruction is varied, learner centered and fully integrated. ORCA students integrate science, math, English and history coursework while participating in authentic scientific research. As a Learning Community (described above) students enjoy close working relationships with a team of instructors, and a supportive learning environment. ORCA gives students the opportunity to satisfy General Education requirements in social sciences, humanities and natural sciences, which are transferable to most four-year universities.

Contact Ardi Kveven at 425-267-0156 or at akveven@everettcc.edu. Visit the ORCA website at www.everettcc.edu/orca.

Outlying Centers

In addition to a wide variety of offerings on the north Everett main campus, several programs are offered in locations around Snohomish County. EvCC offers a Cosmetology program in Marysville, an Aviation program at Paine Field, job skills courses at Sno-Isle Vocational Center, technical training at the Applied Technology Training Center near Boeing, and basic skills and college courses in Monroe and at the University Center at Everett Station. Coursework is offered cooperatively at the Tulalip Education Center. The quarterly class schedule lists all courses and their locations.

Western Washington University Extended Education and Summer Programs - Everett Education Center

Western Washington University’s Everett Education Center is a vital, multipurpose facility providing bachelor and master degree programs, certificate programs and distance learning courses. Students interested in preparing for these programs will find appropriate courses through WWU’s regular offerings. EvCC’s Associate in Arts and Sciences — Direct Transfer Degree/Option II is required for entrance to WWU’s Bachelor of Arts teacher certification and human services programs. The following programs are available through WWU’s Everett Education Center:

- Bachelor of Arts (BA) in Human Services
- Bachelor of Arts (BA) in Education and Elementary Teacher Certification
- Post-baccalaureate Elementary Teacher Certification
- Master of Education (MEd) in Continuing and College Education
- Community and Technical College Teaching Certificate
- Teaching English to Speakers of Other Languages (TESOL) Certificate
- Distance learning courses

Call 425-339-3808 for more information.

University Center of North Puget Sound

Everett Community College provides leadership in collaborating with other regional colleges and universities to build baccalaureate and graduate degree options for residents of the area. Advanced classes and programs are offered on the EvCC main campus and at the downtown Everett Station. Distance modes are also utilized for some courses. The goal of the University Center is to provide opportunity for EvCC graduates and other regional residents to continue their education without facing the barriers of distance and the costs of moving. For current information about program offerings, go to www.universitycenters.info/

Students in Service (SIS)

One of the elements of the national Americorps program, SIS provides EvCC students an opportunity to engage in volunteer service with a community non-profit organization. Students may earn tuition funds for their volunteer hours as well as benefit from a powerful learning experience while building a better community. Contact the Student Financial Aid Office at 425-388-9280.
ADMISSION

Getting Started
The Enrollment Services Office provides primary entry services to prospective students. Individual appointments, campus tours and printed material are available upon request. Enrollment Services coordinates application, admission, assessment/testing, orientation, advising and registration processes. Write, visit, or call our office, 425-388-9219. You can also discover more about EvCC on our website at www.everettcc.edu. On our website, click the red button to Connect and Discover and establish your own personal portal and communication path with EvCC. E-mail inquiries may be sent to admissions@everettcc.edu.

Eligibility to Attend
To attend Everett Community College a student must be a high school graduate, hold a GED, or be at least 18 years of age. Special admission requirements for International Students and Running Start students are described below.

Persons who wish to attend EvCC while still in high school may be considered for enrollment under the Running Start program or through “special admission.” Please see those sections below for more information about those options. Both options require application well in advance of the quarter.

Students age 16 and over who meet the provisions of “Title III- Adult Education Program” may enroll in certain adult basic education classes.

A student must be competent to benefit from the curricular offerings of the College, and by his or her presence or conduct not create a disruptive atmosphere within the College inconsistent with the purpose of the institution.

Applying for Admission
New Students: Applications from new students are accepted any time, though we recommend early application at least three or four months in advance in order to take advantage of early orientation, advising, and registration. New students who apply for one quarter and then change plans to attend a different quarter should contact the Enrollment Services Office immediately to request that their application be updated.

Students Returning after an Absence: Students who maintain continuous enrollment do not need to re-apply for admission each term; instead they receive early appointments to register for each upcoming term. Students who have been absent more than two quarters and wish to return may either register during Open Registration, or may submit an “Adjustment to Status” form requesting an early registration appointment for an upcoming term.

Admission to the College does not guarantee admission to a particular program or course. Students should consult the catalog or curriculum guide for specific admission requirements for major fields or programs of study. Curriculum guides are available from Enrollment Services or on the web at www.everettcc.edu/guides.

Admission Procedures
Freshmen and Transfers: Complete the EvCC Application for Admission or the State of Washington Community College Admission form. Send the application to Everett Community College.

Applications can also be completed online at www.everettcc.edu. Click on “Admission and Registration,” then click on “How to Apply.” Or, go directly to www.everettcc.edu/admissions.

Request that official transcripts from high schools and other colleges attended be mailed to the Enrollment Services Office at Everett Community College. It is your responsibility to contact other institutions and request that transcripts be forwarded to the Enrollment Services Office. (It is also a good idea to request an additional unofficial copy for your personal records.) Your transcripts are used for advising purposes.

If you have college credits that you would like applied toward your EvCC degree program, we will evaluate your transcripts upon your written request. A Credit Evaluation Request form is available at www.everettcc.edu/studentforms. See also the section below on “Transfer Credit Policies.”

EvCC does not count previous grades or credits in determining registration priority. Admissible students are sent information about entry skills assessment, orientation, advising, and registration, see below.

Entry Skills Assessment
New students who wish to register for eight or more credits, or who are planning to enroll in math and English courses, must complete our entry skills assessment. For regular admission purposes, acceptance into Everett Community College is not based upon the results of entry skills assessments. Instead, these tests are required prior to registering for classes in order to assist students and their advisors in planning their educational programs. Entry skills assessment is part of the orientation, advising, and registration process for newly admitted students to help them select courses at an appropriate level. It is available at regularly scheduled times through the Testing Center, which are posted at www.everettcc.edu/testing, or call 425-388-9288.
There is a $25 fee for the skills assessment. The fee must be paid in advance at the Cashier’s Office and the receipt must be presented before entering the testing room. The receipt is non-refundable and non-replaceable if lost. Note: this fee may increase during 2006-07.

Students may request a partial or full waiver of the skills assessment if they have completed more than 45 college-level credits, and/or intermediate algebra or college algebra, and/or English composition courses at another college, and/or ASSET, COMPASS and AACCPLACER scores from another college. To be considered for such a waiver, the student must present college transcripts or score results to the Enrollment Services Office with a written request for a test waiver at least two weeks prior to registration. A placement test waiver request form is available at www.everettcc.edu/studentforms.

Students who are enrolling in the following courses are not required to take the entry skills assessment: Nursing Assistant, Machining, EMT, Welding, Family Life, Fire Science 100, Medical Transcription, and Medical Coding.

Waiver of the skills assessment does not imply waiver ofany course prerequisites. All students must meet prerequisites which may be stated in terms of minimum scores on the skills assessment and/or completion of specific courses.

Entry skills assessment results are valid for a period of three years. Test retakes are subject to limitations; students must seek approval from the Testing Center and pay a $5 re-take fee. Note: this fee may increase during 2006-07.

**Orientation and Advising**

As part of the entry and registration process, orientation and advising are available to newly-admitted students. Student Services staff present a detailed orientation session with overview of College services, procedures and policies on a regularly scheduled basis prior to each term.

Faculty and staff advisors aid students in planning their class schedules and identifying goals and success strategies. Degree-seeking students are expected to meet with their faculty advisors at least once each quarter. Contact the Enrollment Services Office or the Counseling, Advising and Career Center for information about advising appointments and/or specific faculty advisor referrals.

Skills assessment, orientation, advising and registration may all be scheduled on one day for student convenience. In each letter of admission to new students, the SOAR schedule for student convenience. In each letter of admission to new students, the SOAR schedule is listed. We strongly encourage new students to participate in the SOAR activities, since it enables them to link all of their new student entry processes together.

**How To Get Started and SOAR!**

1) Submit an application for admission.
2) Complete entry skills assessment/placement testing (S)
3) Complete orientation (O)
4) Complete advising (A)
5) (Steps 2, 3, and 4 can be combined. See your letter of admission for SOAR dates and times.)
6) You are ready to register! (R)

**International Students**

Everett Community College welcomes qualified international students. Our International Student Services Coordinator will answer questions about the application process and provide advising services during enrollment.

Applications for admission from international students should be on file at the College at least 10 weeks before the start of the term. To complete the application process, please follow the steps below:

1) Submit an international student application available from the Enrollment Services Office, and a $40 check or money order in U.S. funds. The application form is also available online. Go to www.everettcc.edu and click on “International Students” on the left-side menu.
2) Submit official transcript(s) of courses and grades from secondary school (high school) and from college or university, if attended. To be considered for admission, the transcript must show courses and grades that indicate an ability to pursue college-level coursework. Normally, a minimum C average (or equivalent) meets our criteria.
3) Submit financial documentation demonstrating an ability to pay for the full costs of education and accommodation in the U.S. while a student. Unfortunately, EvCC does not offer scholarships or financial aid to international students. However, our tuition is lower than the tuition of most universities.
4) Submit TOEFL results, if taken. EvCC does not require the TOEFL, but if already taken it is helpful in determining your language level. EvCC requires all students to take an EvCC on-campus placement test at the time of arrival. This test helps an advisor and student select the correct level of courses for the student. Students with low English skills will be placed in intensive English classes during their first term(s).
5) Students who are admitted will be asked at the time of their arrival to submit a copy of their personal health and accident insurance policy. Insurance is required in order to register for classes. (Students who plan to drive a car in the U.S. must also carry an additional auto insurance policy.)

Everett Community College is authorized under federal law to enroll non-immigrant students. Inquiries should be addressed to: Everett Community College, International Student Services, Enrollment Services Office, 2000 Tower Street, Everett, WA 98201-1390, U.S.A. Send e-mail to jfitzpatrick@everettcc.edu. Our website contains many interesting items for international students, including local information, homestay options, student activities and more. Go to www.everettcc.edu and click on International Students.

**Running Start**

Running Start is a partnership between the College and the public high schools. The program provides high school juniors and seniors the opportunity to take college-level courses on a tuition-free basis at the College.

Credits earned at the College 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 public high school;
- have earned less than enough credits for a high school diploma as of the beginning of the year; and
- meet the College eligibility requirements of high school GPA of 2.5 or higher, and acceptable scores on the College’s entry skills assessment in writing, reading, and basic algebra. Normally, students must demonstrate readiness in college writing skills.

Interested students should contact their high school counselor to discuss the Running Start program. Information is also available at www.everettcc.edu/runningstart.

**Tech Prep**

High school students who are enrolled in selected vocational and technical courses in high school and who meet performance standards may be eligible for college credit. EvCC instructors work with high school instructors to identify comparable subject areas. At the end of each semester, students must complete and submit a Tech Prep application, available at each high school, along with the appropriate fees. Pockets will not be accepted after the deadline. This program is coordinated by EvCC’s Tech Prep Office, 425-388-9548. A full description of this program is available at www.everettcc.edu/techprep.
Special Admission
Students who are under the age of 18, and who have not completed high school or a GED, and who are not in the Running Start or College in the High School programs, may enroll only upon approval from the Director of the High School Completion program for special admission. Special admission criteria include a review of high school courses and grades, test scores and other supporting documents that indicate preparation and readiness for college-level coursework. Application for special admission must be submitted at least two weeks prior to the quarter. Contact the High School Completion program to schedule an interview; call 425-388-9291.

TRANSFER CREDIT POLICIES

Everett Community College recognizes academic credits earned at other regionally accredited post-secondary institutions that are essentially equivalent in academic level and nature of work offered at the College. Other sources of education, such as nationally accredited institutions, training programs, or tests, may be considered on a case-by-case basis, as described in one of the seven options below.

Enrolled students who want to use credit previously earned at another college or university toward an EvCC certificate or degree should first obtain the guide titled “College Credit Options,” (www.everettcc.edu/transfercredit) then complete and submit a “Transfer Credit Evaluation Request” form (www.everettcc.edu/studentforms) and submit transcripts. Evaluation of transfer credit may take 3-6 weeks, so early action is recommended. Contact Enrollment Services for more information.

The College subscribes to the statewide Policy on Inter-College Transfer and Articulation among Washington Public Colleges and Universities endorsed by the public colleges and universities of Washington and the State Board for Community and Technical Colleges and adopted by the Higher Education Coordinating Board. 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 requirements or fulfilled an entire area 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. Students must initiate the review process and must be prepared to provide necessary documentation. For more complete information, contact Enrollment Services.

Washington 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 requirements or fulfilled an entire area 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. Students must initiate the review process and must be prepared to provide necessary documentation. For more complete information, contact Enrollment Services.

1. 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.
   - A maximum of 60 quarter credits may be applied as transfer credit toward a degree. A maximum of one-third 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 equal 4.5 quarter credits.
   - Everett Community College 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.
   - Transfer credit will not be awarded for duplicate coursework.
   - For some programs, some credits may be non-applicable due to their age.
   - Only lower-division (freshman and sophomore) coursework (or equivalent) will be considered.

2. Credit from Regionally-Accredited Colleges and Universities
Credit from regionally-accredited colleges and universities 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.

3. International Colleges and Universities
Credit 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. Typically, students must provide their official credentials and an evaluation of those credentials by an evaluation agency. The Enrollment Services Office can provide names and addresses for those agencies.

4. AP and CLEP Tests and the International Baccalaureate
EvCC’s faculty have reviewed the AP, CLEP and International Baccalaureate (IB) programs and established the minimum score that must be earned in order to earn credit. The list of acceptable AP, CLEP and IB exams is listed in Table One on page 14. A maximum of 60 AP, CLEP and IB credits may be applied toward several of our degrees, meeting either requirements or electives, at the discretion of the credential evaluator and/or program advisor. In the case of the associate degrees designated as university transfer degrees, CLEP credit may be limited to the “B” list electives.

5. Military Training
EvCC follows recommendations made by the American Council on Education when evaluating military training and education records. Please submit the appropriate record for evaluation. Each branch of the military has a different service center holding your training and education records. Upon written request by you, they will send a copy to us. The Enrollment Services Office has a list of the locations where you may write for a copy of your record. Active Duty and Reserve Sailors and Marines, and Sailors and Marines who separated or retired during or after the 1900’s, may request their SMART record by going to www.navycollege.navy.mil, or find the form available through EvCC’s Enrollment Services Office, or go to the Navy College Center at Naval Station Everett, 2000 W Marine View Drive, Everett. A maximum of 60 credits for military training and education may be applied toward EvCC’s Associate in Technical Arts, Associate in General Studies, Associate in Fine Arts and Associate in Arts and Science – Option I as meeting requirements. Military credit may also be considered for those degrees designated as university transfer degrees.

Service Members Opportunity Colleges (SOC)
Everett Community College is an institutional member of Service Members Opportunity Colleges (SOC), a group of more than 400 colleges and universities providing postsecondary education to members of the military throughout the world. As a member of SOC, Everett is committed to easing the transfer of relevant course credits, providing flexible academic residency requirements, and certifying learning from appropriate military training and experiences. The American Association of State Colleges and Universities and the American Association of Community Colleges sponsor SOC.

6. Nationally-Accredited Post-secondary Institutions
Transcripts from schools which are not regionally accredited, but are accredited by national agencies such as the Accrediting Commission on Independent Colleges and Schools, the Accrediting Commission on Trade and Technical Schools, Distance Education and Training Council and the Accrediting Association of Bible Colleges, may be reviewed and considered for credit. In such cases, please supply a copy of the catalog or course descriptions as well as an official transcript. Generally, courses which are similar to those offered at EvCC may be considered. A maximum of 60 credits for courses completed at nationally-accredited post-secondary schools may be applied toward EvCC’s Associate in Technical Arts, Associate in General Studies, Associate in Fine Arts and Associate in Arts and Science – Option I degrees as either requirements or electives. Credit is applicable only to the “B” list electives for
the associate degrees designated as university transfer degrees. Some other colleges and universities may not accept these credits.

7. Certificates and Training Programs Conducted Within Business, Industry, or Agency Environments

Educational and training experiences that occur through company training programs or through professional institutes may be reviewed for credit. Types of training can vary widely, for example: management, police, fire, manufacturing, apprenticeships, education paraprofessional, and aviation. To have your training reviewed, you must submit official and/or original records, as well as supporting documentation that includes the following: content, level, time period, hours, location, method of instruction, instructors, method of evaluation, and achievement. Since training programs do not generally yield a transcript that contains all of this material, it is your responsibility to gather as much information as possible and submit it. In some cases, certificates (such as APICS, WA State Criminal Justice Commission, and A&P) may be submitted. EvCC’s evaluation process relies on information that substantiates that the training or certificate is comparable to college-level programs; faculty evaluate the documentation to determine the comparability. The non-refundable fee for the evaluation of these documents is $30 per request, and the process demands thorough documentation from the student.

A maximum of 60 credits for training and certificate programs may be applied toward EvCC’s Associate in Technical Arts, Associate in General Studies, Associate in Fine Arts and Associate in Arts and Science — Option I degrees as meeting either requirements or electives. Credit is applicable only to the “B” list electives for the associate degrees designated as university transfer degrees. Some other colleges and universities may not accept these credits.

8. Portfolio Evaluation of Prior Learning (PEP)

Through the Portfolio Evaluation Program (PEP), you may be able to receive college credit for knowledge you have gained outside the classroom. If your previous experiences as an employee, business owner, skilled volunteer or hobbyist is comparable or equivalent to credit courses or programs offered at Everett Community College, then the PEP program may be for you. Typically, this program is appropriate for persons who have acquired knowledge and skills in ways that are not documented by any of the other methods described above. An extensive review process is required, including a written portfolio in which you describe what you have learned, how you have learned it, and how it relates to the type of learning that occurs in EvCC courses and programs.

To start the PEP process, contact the PEP Coordinator in Enrollment Services (425-388-9008) and request a PEP guide. Fees are charged for participation in this program.

A maximum of 30 credits for prior learning may be applied toward EvCC’s Associate in Technical Arts, Associate in General Studies, Associate in Fine Arts, and Associate in Arts and Science — Option I degrees as either requirements or electives. Credit is applicable only to the “B” list electives (a maximum of 15 credits) for the associate degrees designated as university transfer degrees. Some other colleges and universities may not accept these credits.

NOTE: In some cases students who have significant learning from training programs or life experience may find it more expedient to consider course challenges. Consult our Credit Evaluators in Enrollment Services.

Transfer Credit Evaluation

The Enrollment Services Office provides written transcript evaluations for enrolled students who wish to apply credits earned at another college toward a certificate or degree. Official transcripts must be on file in the Enrollment Services Office before the evaluation request is accepted; course descriptions may be required. A Credit Evaluation Request form is available at www.everettcc.edu/studentforms and must be submitted to the Enrollment Services Office. Students should allow three to six weeks for processing. However, during Spring Quarter evaluations may take substantially longer to process. Transcripts submitted to the College may not be re-released to either the student or another entity.

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 requirements 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. Students must initiate the review process and must be prepared to provide necessary documentation. For complete information, students should contact Enrollment Services for information. The policies and procedures can be found at www.everettcc.edu/transfercredit.

<table>
<thead>
<tr>
<th>TABLE ONE: Advanced Placement Placements (AP)</th>
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<tbody>
<tr>
<td>AP Examination</td>
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<tr>
<td>Art-Studio Drawing</td>
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<td>Biology</td>
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<tr>
<td>Biology</td>
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<tr>
<td>Calculus AB</td>
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<td>Calculus BC</td>
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<td>Chemistry</td>
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<td>Chemistry</td>
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<tr>
<td>Computer Science A</td>
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<tr>
<td>Computer Science AB</td>
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<tr>
<td>Economics (Macro)</td>
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<tr>
<td>Economics (Micro)</td>
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<tr>
<td>English - Long &amp; Comp</td>
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<td>English - Lit &amp; Comp</td>
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<tr>
<td>English - Lit &amp; Comp</td>
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<tr>
<td>French - Language</td>
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<tr>
<td>German - Language</td>
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<tr>
<td>Government &amp; Pol US</td>
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<tr>
<td>Government - Comparative</td>
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<tr>
<td>History - American (US)</td>
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<td>History - American (US)</td>
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<td>History - European</td>
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<tr>
<td>Music - Listening &amp; Lit</td>
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<tr>
<td>Music - Theory</td>
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<td>Physics B</td>
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<td>Physics C (Mech)</td>
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<tr>
<td>Physics C (E&amp;M)</td>
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<tr>
<td>Psychology</td>
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<tr>
<td>Spanish - Language</td>
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<tr>
<td>Statistics</td>
</tr>
</tbody>
</table>
which they are registered. In those courses that have an established waiting list, a student

First Week Enrollment and Withdrawal Policy

of eight credits is considered full-time for students receiving veterans' benefits. Time status is enrollment is six to eleven credits. Note: For Summer quarters only, a minimum

Full-time Status

move from the waiting list into the class prior to the start of class must attend the first class

Waiting Lists

when a class reaches its enrollment capacity, a waiting list may be established. As spaces

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 twelve quarter-hour credits in a given term. Part-time status is enrollment is eleven credits or less per term. Half-time status is enrollment is six to eleven credits. Note: For Summer quarters only, a minimum of eight credits is considered full-time for students receiving veterans' benefits.

First Week Enrollment and Withdrawal Policy

During the first week of the quarter, it is important that students attend all classes for which they are registered. In those courses that have an established waiting list, 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. If a student does not notify the instructor or the division office of his/her absence, that student may be withdrawn from class. The College does not always, however, withdraw the student for non-attendance. A student who is not withdrawn by the College or does not officially withdraw himself/herself may be issued a failing grade by the course instructor, based on non-attendance. Note: 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.

Changes of Schedule (Add/Drop)

Schedule changes can be made by completing an Add/Drop form, available at the Enrollment Services Office. Before the end of the fifth day of the term, adds and drops for most classes also may be accomplished through our Web registration system. Otherwise, all withdrawals must be done in person. 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 4:30 pm on the deadline date.

Students are advised to consult the calendar and course description in the quarterly class schedule for the last day to add or drop a class during the quarter. Most classes fall under the regular schedule of deadlines, but some self-support classes and some classes with unusual start and end times may have different deadlines. The College’s refund policy applies only to students who withdraw officially. (See Tuition and Fees Refund Policy in this section.) 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 submit Change of Schedule (Add/Drop) transactions by the stated deadline.

Students with questions about the procedure of dropping a class should contact the Enrollment Services Office in person or by phone and speak directly with a registration staff person in order to clarify their status and drop deadlines.

Tuition, Fees and Residency

Estimated Quarterly Tuition and Fees — 2006-07

All rates are subject to change; current rates are posted in the quarterly class schedule. Current rates may also be found on our website at www.everettcc.edu/tuition. Tuition and fees are paid at the time of registration or by the deadline stated for that registration period. Students who are receiving financial aid from the College, or who have a third party paying their tuition and fees, must contact the Cashier directly to assure the accuracy of their student account.

<table>
<thead>
<tr>
<th>Credits</th>
<th>Resident tuition</th>
<th>Non-Resident Tuition Reduction*</th>
<th>Non-resident tuition</th>
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<tbody>
<tr>
<td>1-10</td>
<td>$74.30 per credit</td>
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<td>$246.00 per credit</td>
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<td>11</td>
<td>$766.80</td>
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<td>12</td>
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</tbody>
</table>

*Students who are not eligible for resident tuition, but who are permanent residents or citizens of the US may be eligible for the Non-Resident Tuition Reduction rate. See “Residency” below. Tuition for enrollment in Adult Basic Education (ABE) and English as a Second Language (ESL) is $25 per quarter.
Special Fees

Most students in college-credit courses will be charged an additional “technology fee” of $3.50 per credit, up to a maximum of $35 per quarter. Some courses also have special fees for equipment, lab, services, etc.; these fees are listed on the quarterly class schedule with the course. The College may charge fees for services such as parking or insurance, etc. 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 may register on a reduced tuition basis beginning the sixth day of the quarter. Registration prior to the sixth day of the quarter disqualifies a person from this special tuition reduction. Payment is required for lab fees, special fees, books and other supplies. (Free registration is not allowed for Writing Lab, Community Service, Continuing Education, self-support classes, special projects, and other courses for which the College has special expenses.)

EvCC also offers reduced tuition for seniors (age 60+) who wish to audit classes (for no credit) and for other persons in special categories such as refugees and students in our high school completion program. The Enrollment Services Office can provide more detailed information on tuition reduction programs.

Residency

For tuition purposes, students eligible for resident tuition rates are defined as follows:

- Financially independent students who have been domiciled in the State of Washington for at least the past twelve months, and who are not in the state primarily for educational purposes, and who are not claimed as a dependent for tax purposes by a parent or guardian outside of Washington, or receiving funds from another agency which requires residence in another state.
- Dependents of parents or legal guardians who are domiciled residents of the State of Washington.
- Active military personnel stationed in Washington State and their spouses and dependents. Active duty military personnel will be asked to submit qualifying identification in order to qualify for the special resident rate.
- Active members of the Washington National Guard and their spouses or dependents who live in Washington. Active duty military personnel will be asked to submit qualifying identification in order to qualify for the special resident rate.
- Members of selected regional tribes.
- Persons who resided in Washington State for three full years immediately prior to receiving a high school diploma and completed the full senior year at a Washington high school or who completed the equivalent of a high school diploma and resided in Washington State for the three years immediately before receiving the equivalent of the diploma, and continuously resided in Washington since earning the high school diploma or its equivalent. Contact Linda Baca in Enrollment Services to determine eligibility for this resident tuition status.

All other students are considered to be non-residents for tuition-paying purposes. However, US citizens and permanent residents who have not yet gained 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 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 Associate Dean for Enrollment Services will determine whether or not additional tuition and fees are due.

Tuition Payment

By registering, students assume responsibility for payment. Non-attendance does not constitute a reason to avoid payment. Registrants must pay their tuition and fees by the stated deadline as announced in the class schedule. The College reserves the right to cancel registration for unpaid students and/or to bill the student for tuition and fees incurred by registration. Returned checks, cancelled credit cards, employer refusal to pay, ineligibility for financial aid and other reasons for non-payment may result in a direct bill to the student and/or referral to a collection agency. Registration in 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 Cashier’s Office at 425-388-9224.

Tuition may be paid in person at the Cashier’s Office, or mailed to the Cashier’s Office. Credit card payment can also be made over the web. Go to www.everettcc.edu/creditcardpay, read the policy, and click on the credit card icon.

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 policy. Date and time of receipt of the Add/Drop form in the Enrollment Services Office or of an electronic transaction using our Web registration system establishes the rate at which refunds will be made.

The refund schedule varies depending on the type of class. Refund dates are published in each quarterly class schedule. Refunds can take up to five weeks to process. Refunds for under $10 will only be processed with a written request from the student.

State Supported Classes that begin during the first week of the term

100% refund deadline is 4:30 pm on the 5th class day of the term. For example, if Fall Quarter begins on Monday, then the deadline for 100% refund is Friday. (Classes that begin on Saturday of the first week of the term are given until Monday at 6:30 pm.)

50% refund deadline is 4:30 pm on the 20th calendar day of the term, or the closest working day to the 20th calendar day. For example, if Fall Quarter begins on Monday, September 19 then the deadline for 50% refund is 4:30 pm on Friday, October 7.

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 pro-rated, depending on the length of the course. Please call 425-388-9208 to determine the pro-rated 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 4 working days prior to the first class in order to receive a refund. For some classes, the specific refund deadline is listed in the printed 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 quarter in which tuition and fees were paid.

Fines and Debts

The College may block registration and/or withhold other services until all outstanding fines and debts to the College are resolved. College transcripts will not be issued for students who have a debt to the College.
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 inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. Students should write 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 his or her 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 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 unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, collection agent, or verification agency); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her 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 the student’s names, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, quarters of attendance, degrees and awards received, date of birth, and the most recent previous educational agency or institution attended by the student. 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 Enrollment Services Office, 425-388-9207, during the day and the Security Office, 425-388-9112, during the evening hours.

Student Identification Card
A student ID card is available at no cost for registered students at the “Paperclip” student service center, located on the main floor of the Parks Student Union.
The Student Services Division of the College is committed to enabling students to succeed. Specifically, services are focused toward the following outcomes:

- Successfully navigate the college environment and gain knowledge of transferable processes and systems.
- Demonstrate awareness of traditional and non-traditional career choices and life options in achieving educational, personal and career goals.
- Demonstrate respect and value ideas, thoughts, beliefs, backgrounds, lifestyles and abilities different from their own.
- Exhibit active and responsible participation in their own educational experience and accept responsibility for their own actions and beliefs.
- Exhibit active and responsible participation in their own educational experience and accept responsibility for their own actions and beliefs.
- Demonstrate skills in critical thinking, problem solving and decision making.
- Demonstrate interpersonal relationship skills and display personal growth and development.
- Demonstrate skills in leadership and civic responsibility.

**ADVISING**

Your success — and the efficient use of your time and money — is highly related to how well you use the advising resources of the College.

A wide array of academic, career advising, and planning services are available to all students. Full-time advisors are available in the Enrollment Services Office and in the Counseling, Advising and Career Center. All faculty serve as program advisors. Information sessions and workshops offered throughout the year can help students learn about program requirements and options; dates and times are listed in the quarterly Class Schedule. “Curriculum Guides” are printed for each of the College’s programs and help students chart their progress. A special feature of EvCC, the “Lucy Booth,” takes advising services out into the hallways of campus buildings to assist students with their questions between class sessions. Students who wish to have a specific faculty advisor assigned to them may make their request to the Enrollment Services Office. Students may also direct their advising questions to an on-line advisor at admissions@everettcc.edu. A complete listing of advising services is available in the quarterly class schedule.

The College provides an array of advising opportunities and students are expected to avail themselves of an advisor and to use printed resources. Contact Enrollment Services at 425-388-9222 or admissions@everettcc.edu for assistance in resolving advising questions. When sending e-mail, use “Need Advising Help” in the subject line.

**COUNSELING, ADVISING AND CAREER CENTER**

Trained professional counselors in the Counseling, Advising and Career Center help students develop the skills necessary for success in college - exploring career choices, coping with emotional stress, educational planning, and learning new skills through Human Development classes.

Counselors are available for morning and evening drop-in counseling; appointments are available for issues needing more time. Call 425-388-9264 for specific drop-in hours.

**Advising**

Counselors advise first-quarter students, undecided students, and transfer students planning to major in Human Services. Counselors also provide general transfer advising and informal transcript evaluations for entering and graduating students. If a student has decided on a program of study, the staff will help the student find an appropriate program advisor.

**Career Counseling**

Individual and group counseling sessions, as well as Human Development courses and workshops, are available to help students clarify goals, learn the career-planning process, interpret assessment results, and learn career research skills and decision-making skills.

**Educational Counseling**

We provide individual and group counseling, as well as Human Development courses and
workshops, related to learning styles, study skills, orientation to college, goal setting, time-management and test anxiety.

**Personal Counseling**

We offer short-term counseling to individuals, as well as group counseling and workshops related to personal development issues such as stress management, assertiveness training, self-esteem, leadership and effective interpersonal communication skills. We also offer Human Development courses related to these topics.

**Crisis Counseling**

Individual short-term counseling is available for students suffering from acute emotional stress.

**Assessment**

Individual and group assessment enables students to become aware of their career interests, learning style and personality type.

**Referral**

Counselors make on-campus referrals to other departments and off-campus referrals to community services and mental health agencies.

**Consultation**

Counselors consult with faculty, staff and administration on related student development and relationship issues, including in-service training.

**Career Center Services**

Students and prospective students can use the Career Center for personal help in obtaining information on programs and careers, educational preparation, future outlook, wages, job search skills, and much more. Friendly and knowledgeable staff also make referrals to career counselors for individual appointments. A wide range of career resources are available for free use including books, catalogs, WOIS (Washington State Occupational Information System), and CHOICES, a computerized career exploration program. Students also use our extensive educational resources to research all the technical issues of transferring to other institutions of higher learning.

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**STUDENT FINANCIAL SERVICES/FINANCIAL AID**

Everett Community College believes that all individuals should have the opportunity to achieve their education goals, regardless of ability to pay. The Financial Aid Office provides financial assistance to those students who, without such help, would be unable to attend school.

A special publication, “A Guide for Financing Your Education,” is available in the Financial Aid Office. It describes in detail the basic eligibility requirements, the application process, types of assistance available, academic progress requirements, and other related matters. You may also visit our website at www.everettcc.edu/finaid for more information. A summary of these requirements is provided below:

**Eligibility Requirements**

- You must be a U.S. citizen or an eligible non-citizen.
- You must demonstrate financial need for most aid programs.
- You must not be in default on any student loan or owe a repayment on any grant received at any institution of higher education.
- You must have a high school diploma or its equivalent or be able to demonstrate, through official testing, an ability to benefit.
- You must have a valid social security number.
- You must enroll in a program of study that leads to a degree or certificate that is at least six months (24 credits) or more in length.
- You must maintain satisfactory academic progress.
- You must be registered with Selective Service, if required.

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**APPLICATION PROCESS**

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 his or her 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.

Because funding is limited, applications are reviewed on a first come, first served basis. Processing an application and receiving an offer of aid can take approximately 6 to 8 weeks, so it is important to apply well in advance of the anticipated start date. To be considered for maximum funding, application should be made by March for the following academic year, which starts in September. (Applications are reviewed every quarter on a funds-available basis.) Applications for financial aid and assistance in completing the process are available in the Financial Aid Office, or you may apply on-line at http://www.fafsa.ed.gov. EvCC’s Federal School Code is 003776.

**Types of Assistance Available**

The College participates in the following federal and state financial aid programs: Federal Pell Grant, Federal Supplemental Education Opportunity Grant, Federal Work Study, Federal Family Educational Loans, State Need Grant, State Work Study, EvCC Grant, EvCC Child Care 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, and loans. Grants require no repayment. Work study is part-time employment on/off campus with an hourly pay rate. Loans are repaid, with interest, usually after a student ceases to be enrolled at least half time (6 credits). Aid recipients usually receive a combination of aid types. Typical aid packages consist of 50% grant and 50% self-help (work and loans). Aid awarded focuses on direct educational expenses: tuition, books, supplies, and transportation. Indirect costs such as room/board and childcare are also considered.

**Academic Progress**

Financial aid recipients are expected to maintain satisfactory academic progress. Grades are monitored on a quarterly basis, and the student must complete a minimum number of credits with a 2.0 grade point average. All previously attempted college credits are also evaluated, regardless of whether the student received financial aid. Financial aid recipients are expected to complete the program requirements within the number of credits and quarters specified in the curriculum guide. A maximum of two programs of study (degree or certificate) may be pursued. However, only one AS/AAS/ATA/AFA/AGS/AB degree may be funded. Students who have earned a bachelor’s degree are ineligible for federal grants and must appeal in writing to determine aid eligibility. Please contact the Financial Aid Office for a copy of EvCC’s complete financial aid satisfactory academic progress policy.

**Return of Title IV Funds**

Financial aid recipients who drop out of school or complete “0” credits and have a last date of attendance prior to completing 60% of the quarter may be required to repay all or a portion of federal aid received. Please contact the Financial Aid Office for a copy of EvCC’s return of Title IV funds policy.

**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 may depend on your program of study. The EvCC Scholarship Brochure and applications are available every March for the following academic year. Information about regional and national scholarships is posted in the financial aid office throughout the year as they become available. Information on internet-based scholarship search programs and applications for scholarships are available in the Financial Aid Office.
The Financial Aid Office is located in the Parks Student Union, phone 425-388-9280. The website is www.everettcc.edu/finaid.

VETERANS’ ASSISTANCE

The Veterans Office serves as a liaison between EvCC and the U.S. Department of Veterans Affairs. 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 4 to 6 weeks, so you should apply well in advance of your anticipated start date if you are planning to use your benefits to pay for initial costs (e.g. tuition and books). In order to maintain benefits, veteran students must keep the veterans’ advisor apprised of enrollment plans each quarter and are required to follow VA regulations pertaining to standards of conduct and academic progress.

Information packets, applications, and assistance for all veterans’ programs are available from the EvCC Veterans’ Advisor. The Veterans’ Advisor is located in the Financial Aid Office in the Parks Student Union, phone 425-388-9277.

Note: Many of Everett Community College’s programs of study are jointly approved by the Washington State Higher Education Coordinating Board’s State Approving Agency (HECB/SAA) and the Workforce Training Coordinating Board for enrollment of persons pertaining to standards of conduct and academic progress.

VETERANS’ ASSISTANCE

The Veterans Office serves as a liaison between EvCC and the U.S. Department of Veterans Affairs. 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 4 to 6 weeks, so you should apply well in advance of your anticipated start date if you are planning to use your benefits to pay for initial costs (e.g. tuition and books). In order to maintain benefits, veteran students must keep the veterans’ advisor apprised of enrollment plans each quarter and are required to follow VA regulations pertaining to standards of conduct and academic progress.

Information packets, applications, and assistance for all veterans’ programs are available from the EvCC Veterans’ Advisor. The Veterans’ Advisor is located in the Financial Aid Office in the Parks Student Union, phone 425-388-9277.

Note: Many of Everett Community College’s programs of study are jointly approved by the Washington State Higher Education Coordinating Board’s State Approving Agency (HECB/SAA) and the Workforce Training Coordinating Board for enrollment of persons eligible to receive educational benefits under Title 38 and Title 10 USC.

STUDENT EMPLOYMENT REFERRAL CENTER

The EvCC Student Employment Referral Center (SERC) offers free assistance in job search and referral to current and former students, alumni and the community. The SERC maintains and seeks new employer, agency, and organization contacts on a daily basis in order to bring new and diverse employment opportunities to our campus. Some SERC services are available on-line at the college web-site www.everettcc.edu/studentemployment. Here you will be directed to the SERC registration form, job order form for employers, hours of operation, weekly hot jobs, calendar of events, and other valuable resources. The Interface software program allows the students to access jobs from their homes, and employers to conveniently list their new jobs online from their offices 24 hours a day, 7 days a week using the new EvCC Web-based Job Referral System. To receive a referral for posted positions a person must register with the SERC. Simply stop by the office, fill out the form (or bring the downloaded copy), receive a handbook and calendar of events and search the job postings. Job openings are received daily at the office from both the public and private sector and for local, state, and national companies. These jobs are posted on clipboards and in our customized job database. The SERC lists hundreds of jobs that can be accessed through our job referral bulletin board and clipboards in the Parks Student Union on the second and third floors.

Weekly “Hot Jobs” flyers highlight current jobs posted in the SERC, dates and times of job-related workshops on campus, and useful tips about job search, employment trends, etc.

Internships

The SERC acts as a clearinghouse for internships for students whether they are required, optional, or exploratory for a certificate or degree. For more information, contact the SERC office.

Quarterly Workshops

The SERC recruits employers, faculty, and staff to conduct workshops on campus. Resume and Internship Orientations are available throughout the quarter. Other workshops are scheduled according to interest and need and may include: How to Navigate a Job Fair, Internet Job Search, and Learning and Earning without a Four-Year Degree.

Job Fairs

Job Fairs (co-sponsored by EvCC and six community businesses and agencies) are offered three times a year (January, April, and September) and attract all types of industry. Visit the Job Fair web site at www.snocojobfair.com for more information. The job fairs provide information on what types of skills are needed for career planning and job search as well as employment opportunities.

Additional employment events are scheduled each quarter. Including employers on campus from 9 am – 12 pm on Thursdays, specialized job fairs for medical, small business and apprenticeships, and job recruiters.

STUDENT SUPPORT SERVICES PROGRAM

The Student Support Services Program helps low income and first generation college students succeed at Everett Community College. Specifically, the program provides advising, counseling, tutoring, study-skills information and instruction, and assistance transferring to four-year colleges and universities.

Eligibility

The Student Support Services Program is a federally-funded program for low income and/or first-generation college students.

Advising

The program’s counselors help students choose classes, programs, and degrees that match their interests, skills, and abilities. They also help students plan classes to meet financial aid, program, graduation, and transfer requirements.

Counseling

Students can get help with planning and organizing time, coping with family demands, and working through personal crises. The program’s counselors also help students explore and choose careers and obtain and maintain financial aid.

Tutoring

Student Support Services provides free tutoring in most college classes, utilizing a variety of professional and peer tutors. The tutors know the course material and share strategies for learning it.

Study Skills

For students who want help with study skills, the Student Support Services Program offers a series of handouts and videotapes on college survival skills. Topics include taking lecture notes, taking tests, test anxiety, writing a research paper, and time management.

Transfer to Four-Year Colleges and Universities

The Student Support Services program helps students plan their community college transfer degrees, including the general admission entrance requirements set by four-year colleges and universities, as well as the specific requirements set by programs, departments, and colleges within these institutions. To help students learn more about upper-division programs, the program staff also takes groups of students to visit the colleges and universities in Western Washington.

The Student Support Services program is located in the Parks Student Union. The office may be contacted at 425-388-9275.

DIVERSITY AND EQUITY CENTER

The Diversity and Equity Center combines the programs and services of the Multicultural Student Success Center and Women’s Programs and Services to provide outreach, retention and academic support programs for ethnic minority and re-entry women students. The Center also serves as a campus resource center on diversity and coordinates institutional diversity initiatives. The mission of the Diversity and Equity Center is to Advocate for the academic success of our students; Educate our campus and community about diversity; and Celebrate our differences.

Student Retention and Support Services

- Information, entry advising and assistance for new, re-entry and prospective students
- Academic and transfer advising
- Personal and career counseling
- Crisis intervention
- Outreach activities and program orientations
Women's and ethnic student clubs are invited and encouraged to meet in the Diversity Student Leadership Development college. Students are matched with a mentor (faculty/staff) and are encouraged to meet to help Everett Community College students transition into and adjust to the community. The Mentor Program is designed to connect students with EvCC faculty or staff members.

Mentor Program

- Referrals and resources to on and off-campus
- Computers available for homework and research
- Washington Achievers College Mentor Contact

Information and Resources

- Discrimination, harassment and hate/bias crimes
- Snohomish County Displaced Homemaker Program
- On campus Women’s Business Information Center
- Sexual Harassment/Abuse, Dating/Domestic Violence, Substance Abuse, HIV/AIDS Education, Eating Disorders, Pregnancy and Contraception and Parenting
- Nontraditional careers
- Work First/TANF
- Safe Zones

Faculty/Staff Support and Resources

- Class presentations, information and resources on topics related to diversity, gender and equity
- Collaboration with Instruction to provide faculty resources and training to enhance diversity in instruction, curriculum and pedagogy
- Funding for trainings, programs, and activities aimed at improving the academic success of students of color and/or supporting campus diversity goals
- Lectures and events
- Workshops and conferences

STAR Program

The Student Achievement and Retention (STAR) Program provides support to ethnic minority students to increase retention and educational achievement. Some of the support services offered include:

- Orientations
- Success workshops
- Mid-quarter academic assessments
- University transfer information and visits
- Computers for homework and research
- End-of-the-year celebration
- Referrals and resources to on and off campus agencies

Mentor Program

The Mentor Program is designed to connect students with EvCC faculty or staff members. Mentors serve as positive role models and provide academic, cultural and personal support to help Everett Community College students transition into and adjust to the community college. Students are matched with a mentor (faculty/staff) and are encouraged to meet regularly and attend cultural programs and events on campus.

Student Leadership Development

Women’s and ethnic student clubs are invited and encouraged to meet in the Diversity and Equity Center. The following clubs are active at EvCC:

- APSU: Asian/Pacific Islanders Student Union
- BSU: Black Student Union

Library-Media Center

The Library-Media Center provides information and services to support student research and learning. The materials collection includes 46,000 books, more than 300 current periodicals and newspapers, and over 6,000 videocassettes, compact discs, audiocassettes, and multimedia programs. Computer workstations provide access to the Internet, electronic databases and other research material such as periodical indexes, newspapers, encyclopedias, language programs, and much more. Participation in a regional interlibrary loan network further expands resources for students.

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

There are individual study carrels, casual lounge areas, and media listening/viewing stations throughout the Library-Media Center. Faculty may reserve study rooms for group projects and discussion. Wireless Internet connectivity is now available in the Library and laptop computers may be checked out for in-library use. Photocopiers, microform reader/printers, and adaptive equipment for students with disabilities are available for use. The Library-Media Center duplicates language audiocassettes and compact discs for students in specific courses and supports distance learning with such services as telecourse tape rental.

Call 425-388-9253 for library hours and to renew materials. Call 425-388-9354 for reference assistance or e-mail library@everettcc.edu. Check our website at www.everettcc.edu/library to connect to the library catalog, use remotely-accessible databases, and for other information about library services and resources.
Rainier Learning Center

The Rainier Learning Center (RLC) is designed to help students succeed in college. The RLC offers an Academic Readiness Center, Computer Readiness Services, Math Support Services, a Tutoring Center and a Writing Center. Through tutoring, individual and small group learning, students can get support in reading, learning, math, writing, computers and other subjects. It is the place to go when students experience difficulty with class assignments or when they need to learn study skills or basic computer literacy skills. At any time during the quarter, students can drop in, make appointments, or be referred by an instructor or advisor.

New students whose placement test results indicate a need to start in below 100 level reading, writing or math are particularly welcomed in the Rainier Learning Center. (Students who need to take basic math courses should also review the courses offered in the Math Learning Center, described below.) Friendly and supportive staff provide advising, special workshops, classes, and tutoring - all with the purpose of helping students reach their higher education goals. Peer tutors help throughout the Center. Students come into the center during any of the open hours, including evening hours, to receive services or make appointments. The Rainier Learning Center is located on first floor of Rainier Hall.

Academic Readiness

Academic support is available in the Academic Readiness Center. Students can take the initiative to get the results they want in reading and learning. Strategies for attaining success in the academic areas are offered as free workshops and college credit courses. Computer Readiness Services are offered to help students become computer literate, conduct research on the Internet and improve basic computer skills.

Math Support

Students can obtain math support at all levels and participate in Individualized Instruction and study groups. Problem solving, preparing for tests and analyzing results are covered. The goal is to improve course outcomes and eliminate math as a barrier to college success.

Tutoring

The Tutoring Center provides a supportive environment in which students may ask questions, find answers and network with other students. It is staffed by professional and peer tutors. Tutorial services are free to all enrolled students at EvCC. Tutoring is provided in several formats: individual scheduled appointments, scheduled small group, or on a drop-in basis. Computers are available for students to use in a variety of ways. They can type papers, perform research on the Internet, use instructional software or access different web sites for additional exercises in math and science courses. Handouts for several subjects are available that provide students with explanations and practice.

Writing

The Writing Center provides support for student writers on all types of writing projects in any subject. Students also use the Writing Center for personal writing, application essays, résumés and cover letters. Writing Center instructors and peer tutors do not proofread papers, but they work collaboratively with writers offering feedback and providing ideas and methods for editing and polishing their work. In order to use the Writing Center on a regular basis, students enroll for 1-5 credits of English 90. Most students enroll for 2 credits giving them 20 hours of Writing Center time over the quarter. Computers are available for word processing; also there is instructional software for composing, editing, grammar, and punctuation basics. Additional resources are provided for students to use such as: dictionaries, grammar handbooks, textbooks, handouts, and exercises. Our goal is to provide writers with transferable skills that will help them on future writing projects.

Math Learning Center

The Math Learning Center, located in Baker Hall, offers courses in Basic Math with Applications, Elementary Algebra, Plane Geometry, and Trigonometry. Utilizing self-paced instruction, a computer lab, and personalized assistance, staff and faculty assist students in improving their essential skills in math.
Student Rights and Responsibilities
The student rights and responsibilities section of the student handbook provides a detailed description of rights and responsibilities as they pertain to the students, the college, and the community. Included in this handbook are 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 in the offices of the Vice President for Instruction, Vice President for Student Services, and Student Activities.

Student Clubs/Organizations
Student clubs/organizations offer opportunities to meet new friends, explore special interests, and make contributions to campus life. Students are free to organize and join associations to promote their special interests. Some of the currently active clubs/organizations on campus include: Asian/Pacific Islander Student Union (APSU); Triangle Alliance; International Students Club; Movimiento Estudiantil Chicano de Atzlan (MeCHA); Black Student Union (BSU); United Native American Council (UNAC); Phi Theta Kappa (PTK); Student Nurses Organizations (SNO); Engineering Club; Skills USA; Drama Club; Veteran’s Club; Iwi Pono Student Society (Hawaiian Club); Vietnamese Student Association (VISA) and Barrier Breakers.

Applications for forming a new student club/organization are available at the Student Activities Office and Associated Students Executive Council Office.

Intercollegiate Athletics & Intramural Activities
A program of intercollegiate athletics is co-sponsored by the Associated Students. It includes men’s and women’s soccer and women’s volleyball in the fall, men’s and women’s cross-country in the fall, men’s and women’s basketball in the fall and winter, and women’s softball and men’s baseball during the spring. Call 425-388-9328 for current information.

The College is a member of the Northwest Athletic Association of Community Colleges, which includes majority of the community colleges in Washington and Oregon.

The intramural/extramural activities program offers students opportunities in basketball, flag football, softball, indoor soccer, volleyball, and open weight room.

Co-Curricular and College-Related Programs
Many student activities are closely related to classroom instruction. Student activities fees help to support the costs of these activities. Participating students may earn college credit in selected activities.

Other Programs
The Associated Students, through the S & A Fees Budget, also helps to support the College’s Diversity and Equity Center, Center for Disability Services, the Early Learning Center, drop-in tutoring, child care assistance through the Financial Aid office, The Clipper (student newspaper), Vibrations (student art magazine) and the Northlight Gallery.

The Associated Students, through the E-Tech Budget, supports student technology enhancement on campus through the funding of a computer replacement cycle for open labs on campus, free official transcripts and reduced computer lab fees.

Student Activities staff coordinate the Campus Welcome for Fall, Winter and Spring Quarters where informational tables/tents assist EvCC students in identifying services, classes and programs on campus.

The student leaders in Student Activities plan our Student Activities Welcome Back Kick-Off for EvCC students, staff and faculty during fall quarter as well as three Campus Awareness Days during Halloween, Valentine’s Day and a Spring Fling Ice Cream Social in May, showcasing entertainment and the EvCC Clubs.

Students also plan the commencement ceremony, which includes a student speaker, a keynote speaker, awarding of degrees and certificates, and a post-function reception.

CO-CURRICULAR AND COLLEGE-RELATED PROGRAMS

The Clipper
This student-produced, award-winning newspaper, which is published every other week, contains news about the College and campus events and activities. Journalism students and others who are interested participate in writing, editing, and publishing the newspaper.

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 enrollment in Graphic Arts 251 and 252. For more information, e-mail vibrations@everettcc.edu.

Northlight Gallery
The Northlight Gallery provides exhibitions of local, regional, or national artists working in all mediums of creative expression. Films, performances, lectures, and receptions for the exhibiting artists are held when appropriate. Student and faculty art shows are also part of the exhibitions.

Early Learning Center
The Early Learning Center provides on-campus, licensed childcare in an environment that is nurturing, safe, and designed to encourage the important developmental growth and learning of children 12 months to 5 years old. Families have opportunities to participate in the care and education of their child by volunteering in the classroom and participating in parent education classes. Visit the Early Learning Center located on the northeast corner of the campus at 820 Waverly Avenue. For further information on rates, schedules and subsidies, contact the Center at 425-388-9121.

Bookstore
Owned and operated by the College, the Bookstore is located in the Parks Student Union. The Bookstore is a non-profit service organization that provides an outlet for all required books and supplies. Complete art, office, and school supplies sections are 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, phone cards, and bus passes. The Bookstore accepts checks, Visa, MasterCard, and debit cards with Visa or Mastercard logos.

The Bookstore’s refund policy is the same as the College’s tuition refund policy; the 100% refund policy extends to the 5th day of each term; the 50% refund policy extends on the same day as the College’s 50% refund deadline. Bookstore hours are 8am to 7pm Monday and Tuesday, 8am to 5pm Wednesday and Thursday, and 8am to 3pm Friday. Hours are expanded during the first week of each quarter.

Buyback is offered during the final exam period each quarter. Buyback hours are: 8am to 7pm Monday and Tuesday, 8am to 5pm Wednesday and Thursday, and 8am to 3pm Friday.

Phone: 425-388-9413. Website: www.evccbookstore.com

Food Services
Food service is available at The Cascade Range Café in the Parks Student Union from 7am to 7:30pm Monday-Thursday and 7am to 1:30pm Friday during the quarter, with reduced hours in Summer Quarter. A special entree is featured daily.

An espresso stand is also in operation during most of the hours classes are held. It is open from 7am to 7pm Monday-Thursday, and 8am to 3pm Friday. Hours are expanded during the first week of each quarter.

Phone: 425-388-9413. Website: www.evccbookstore.com

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Phone: 425-388-9413. Website: www.evccbookstore.com

Campus Safety, Security, Parking and Traffic
The Campus Safety, Security and Traffic Department monitors the campus for safety and security and regulates parking and traffic on campus, issues parking permits and assists with battery failure and locked cars.

In an emergency contact the on-duty campus security officer by calling extension 111 (on campus), 425-388-9111 (from off campus and cell phones), or call Everett Police Emergency at 9-9-1-1 (campus phone). From campus pay phones or off campus and cell
Prohibition on Plagiarism

K-9 officers and animals maintained by the college for educational purposes.

Disabilities Act, providing assistance to persons with disabilities requiring these services.

unattended on any college controlled property. This policy does not apply to guide dogs

and safety, no person shall be permitted to bring into or leave any dog, cat or any other

of tobacco products is restricted to specifically designated smoking areas across campus.

Walking around campus while smoking is prohibited.

of an appropriate rehabilitation program up to and/or including dismissal/expulsion.

As tobacco use presents a clear and present life-threatening danger to users and also

threatens those in proximity to the users, the College has determined that it has a duty

to provide a healthy environment for students, employees and the public and a duty

to encourage and assist current tobacco users to cease the use of tobacco products. The

use of tobacco products are not sold or distributed on campus grounds. The use

of tobacco products is restricted to specifically designated smoking areas across campus.

Pets on Campus

The safety and security of students, employees, visitors and the general public are

a prime concern and responsibility of the college. Based on reasons of health, sanitation

and safety, 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 Spott (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. The

explosion of information on the Web and the pressure to succeed in a short amount of

time have made plagiarism a problem in our society. Let us help you stay away from that

trap. Talk to your instructors about how to avoid plagiarism.

Notice to Students

The provisions of this publication are not to be construed as a contract between the student

and Everett Community College. 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 in the Enrollment Services

area and, when possible, listed in the class schedule booklet and on the web. 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. The rates for students who were considered new, full-time, and certificate- or

degree-seeking, and who entered in Fall 2001, are outlined below. The status of these

students was measured as of August 31, 2004.

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. Therefore, the initial cohort described above seems small and non-representative

when compared to a typical enrollment of about 9500 students in a typical 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. Calculation of transfer rates

is limited to most Washington schools and to some Oregon schools. Transfers to colleges

other than those are not reflected. 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 October 1. The

information is provided in compliance with requirements set forth under the Student


Upon request, this information will be provided to any applicant for enrollment or

employment. Copies are available in the Security Office, the Enrollment Services Office,

Student Activities Office, and from the Vice President of Student Services.

GENERAL
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 front of the Catalog. Important dates for each quarter (such as registration dates, refund deadlines, etc.) are printed in the quarterly class schedule and at www.everettcc.edu; click on Calendar.

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 on page 15.

Prerequisites and Corequisites
A prerequisite 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 65 is a prerequisite for Math 140. Listed as PR in quarterly class schedule. A corequisite is a course that must be taken at the same time as another course. Students must abide by the course requirements for prerequisites and corequisites. Faculty may administratively withdraw students who do not meet the prerequisites and corequisites.

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 Enrollment Services Office.

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, twelve credits meet the requirement for full-time status. (During summer quarter, a minimum of eight credits is considered full time for students receiving veterans’ benefits.)

- Students wishing to take more than 20 credit hours per quarter need permission from the Associate Dean of Enrollment Services or a designated representative 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, complete a course repeat card at the time of registration or no later than the last day of the term, and pay all necessary fees. Each grade received will appear on the student’s permanent record, but only the last grade awarded is used in computing the grade point average by Everett Community College.

Other colleges and universities may not accept a grade earned in a repeated course. If accepted, the grade may be treated differently in the calculation of grade point average.

Credit by Examination (Course Challenge)
A student who is currently enrolled at Everett Community College may apply for credit by examination (course challenge). Course challenge examinations are sufficiently comprehensive to determine that the student has the same knowledge and skills as those students who enroll in and successfully complete the course. A student should have previous training, private study, work experience, or other bona fide qualifications indicating the student has knowledge or abilities equivalent to course completers. During the quarter credit by examination is requested, a student must be regularly enrolled at the College for credit course work other than the course to be challenged.

To start the process for a course challenge, a student should contact the instructor of the course to discuss the student’s background and readiness to challenge the course successfully. This should be done prior to the beginning of the quarter. If the discussion is positive, written approval must be gained from the instructor and Division Dean on the “Application for Course Challenge” form, available in Enrollment Services or a division office. Students must meet all eligibility criteria and pay the established non-refundable fee at the Cashier’s Office prior to submitting the form to the Enrollment Services Office. The form must be submitted to Enrollment Services before the tenth calendar day of the quarter. Students must complete the requirements of the course challenge, which may be written, oral or skills tests, by the fiftieth (50th) day of the quarter, unless a brief extension is approved prior to that date by the Instructor.

In some cases, a student may be registered for a course that he or she decides to challenge instead. In that case, the student has paid regular tuition and fees for the course, which may be refunded only if the student withdraws by the published refund deadlines; the student must also withdraw in order to avoid earning a grade. The student must make a decision early in order to challenge a course. Please consult with the Enrollment Services Office about the process. Dual registration in the course and completion of a challenge for the same course results in cancellation of the credit and grade for the challenge, and the transcript will reflect only the registered course and the grade for that course.

Activity courses or courses taken previously at regionally accredited institutions may not be challenged.

Courses previously taken for audit at Everett Community College may not be challenged. An individual course may be challenged only once.

Traditional letter grades (A through E) will be issued on completion of the examination. Plus or minus grades may be utilized at instructor discretion in accordance with College procedures. Students not taking the examination will be issued an E or a V at the instructor’s discretion.

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
</tbody>
</table>

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.

E (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 D to differentiate levels of achievement within a grade range. The + is not used with the letter grade A or E.

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

N Audit
S Satisfactory
Y In-Progress
U Unsatisfactory
I Incomplete
V Instructor Withdrawal
W Withdrawal
V1 Administrative Withdrawal

Non-traditional grades (N,Y,I,W,S,U,V and V1) have no grade point value and, except for the 5 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.

N Audit
Y 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 E grade. An instructor may specify a completion date earlier than one year in the course syllabus.

I 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 E grade on the student transcript, and no credit will be earned.

W 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 E 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.

R Repeat
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.

S Satisfactory
Indicates C or higher level of achievement in a course taken on an 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 satisfactory/unsatisfactory basis.

U 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.

V 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.

VI Administrative Withdrawal
A grade of administrative withdrawal (VI) may be entered on the transcript when a student is withdrawn from class as the result of a policy or procedural infraction committed by the student.

Final Grade Reports
Final grades are available shortly after the end of each quarter. Students may see their grades by viewing their Unofficial Transcript on the Web. Go to www.everettcc.edu/kiosk and click the “Enter Student Kiosk” gray bar, then click the “Unofficial Transcript” in the menu on the left side of the screen. You must know your Student Identification (SID) number and your Personal Identification Number (PIN). For more information about the Student Kiosk, see “Student Records” in the Enrollment Services section of this Catalog.

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 a Y to a final grade given by the instructor, the deadline 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 his or her initial concern about a grade to the instructor. Questions also may be directed to the Dean for the instructor’s division.

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 E. Non-traditional grades are excluded from GPA calculations. Everett Community College computes three separate student GPAs.

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.

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.

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 petition the Academic Appeals and Regulations Committee for a review of his or her 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.
Quarterly Honor Roll
Students who achieve quarterly grade point averages of 3.60 and above in at least 10 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 Dean’s List.

Graduation with Honors
Students who have met specific degree requirements will be graduated with honors if their cumulative grade point average is:
- 4.00: Highest Honors
- 3.60 to 3.99: High Honors
- 3.20 to 3.59: Honors

Satisfactory Academic Progress
Students must receive a minimum quarterly grade point average of 2.0 to maintain satisfactory academic progress. Students must also satisfy any additional grade point requirements specified in the curriculum guide for the degree being sought.

Low Scholarship and Academic Probation
Students who fall below minimum scholarship standards will be notified by a letter sent to their last known address. Students whose quarterly grade point average falls below 2.0 in traditionally graded courses will be sent a First Warning and placed on low scholarship status. Those who continue on low scholarship for a second consecutive quarter will be sent a Second Warning and placed on academic probation; continuation to the next term is subject to Counselor approval. A third consecutive quarter on low scholarship will result in a Third Warning; future registration will be cancelled if Counselor approval to continue enrollment has not been received. A fourth consecutive quarter with a grade point average below 2.0 results in academic dismissal from Everett Community College. Re-admission is subject to approval by the Re-admission Committee, following an absence of at least four quarters.

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 probation or dismissal.

Students dismissed for low scholarship may petition the Vice President for Student Services in writing for re-admission to the College. Specific guidelines for the low scholarship, warning and dismissal process are available from Enrollment Services.

Various resources of the College such as counseling and tutoring services are available to assist students in meeting the scholarship requirements.

Student Progress
The State Board of the Washington Community and Technical Colleges (SBCTC) directs all community and technical colleges to monitor student progress to degree completion. EvCC follows a policy of notifying students whose record indicates a pattern of lack of course completion or excessive accrual of credits without earning a degree, and of offering assistance in course and degree planning.

Graduation Requirements for All Certificates and Degrees
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 places a value on 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, computation, 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 curriculum guides 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
EvCC is committed to identifying and facilitating appropriate learning outcomes for students who enroll in certificate and degree programs. During their programs of study toward completion of any College degree or certificate (45 credits or more), students will:

1. Engage and take responsibility as active learners;
2. Think critically;
3. Communicate effectively;
4. Participate in diverse environments;
5. Utilize information literacy skills;
6. Demonstrate computer and technical proficiency.

The College provides assistance in determining completion of the required curricula for graduation through curriculum guides, 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 must have an advisor. The Enrollment Services office may assign an advisor.

The requirements for all degrees are as follows:

- For any associate degree, a minimum of 90 credits is required, of which at least 45 must be traditionally graded courses which are calculated in the GPA. Where applicable, a maximum of three physical education activity credits may be included in the total. At least 30 credits applicable toward the degree must be earned at EvCC.

- For any associate degree, all students must complete a Diversity Course. Such courses are designated with a “D” at the end of the course number, such as ANTHR 202D. The diversity course may also be used to meet degree requirements, such as Social Science or Humanities, depending on the course selected.

- 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 twelve 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 curriculum guide 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 twelve-month periods.) Students needing longer than five years to complete a given program may be subject to updated graduation requirements.

2) Students who apply for a certificate or degree after an absence of more than twelve 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 2.75 or 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 during the quarter before intended graduation. See the Academic Calendar in the front of 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 in the class schedule and in the front of this Catalog. The deadline is typically about 18-20 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 signed by an advisor, and must be filed in the Enrollment Services Office.

Certificates
Certificates of Completion are awarded in many technical and career fields and are designed to prepare graduates for employment. Generally, certificate programs are about a year in length. In many cases, the courses completed for a certificate will also lead to an associate degree if the student completes additional requirements.

Specific requirements for each certificate are outlined in the College’s curriculum guides, available from advisors, the Counseling, Advising and Career Center and the Enrollment Services Office. Currently, certificates are awarded in:

- Administrative Support
- Advanced Manufacturing Technology
- Aviation Maintenance Technology
- Bookkeeping
- Business Administration
- Casino Gaming Systems Technician
- Computer Support Technician
- Cosmetology
- Database Management
- Digital Illustration
- Early Childhood Education
- Entrepreneurship
- Fire Science
- Geographic Information Systems
- Graphic Design
- Legal Office Assistant
- Legal Office Support
- Medical Administrative Support
- Medical Assistant
- Medical Billing Specialist
- Medical Coding
- Medical Receptionist
- Medical Transcription
- Metal Fabrication
- Microsoft Office Specialist
- Multimedia: Web Design
- Nursing (Practical/LPN)
- Office Support
- Web Design
- Welding
- Word Processing

The College reserves the right to add, change or terminate certificate programs. Current requirements for the degrees follow, and are subject to change.

ASSOCIATE DEGREES

EvCC offers associate degrees in both university transfer and technical and career areas.

Preparation for a major at a university can be accomplished through careful selection of courses that meet the requirements of our degrees. Information about preparing for majors in a wide variety of areas is available in our curriculum guides. See also the information on transferring at the end of this section.

The Associate in Arts and Sciences (AAS) — Option II is designed in coordination with a university and enables students to use a designated “direct transfer” degree, or “DTA”.

The Associate in Business (AB-DTA) degree is structured to enable a student to prepare for a university major in business administration or accounting.

The Associate in General Studies (AGS) is awarded for completion of a program of study in general education.

The Associate in Fine Arts (AFA) is awarded for completion of course work through the Institute for Media and Creative Arts. Areas of emphasis are Graphic Design/Digital Illustration, Photography, Studio Arts, and Written Arts.

The Associate in Technical Arts (ATA) is awarded for completion of a program of study in technical education. Degrees are awarded in these fields:

- Accounting
- Aviation Maintenance Technology
- Business Administration
- Business Technology
- Computer Information Technology
- Corrections
- Cosmetology
- Early Childhood Education
- Education Paraprofessional
- Entrepreneurship
- Fire Science
- Law Enforcement
- Medical Assistant
- Multimedia
- Welding/Fabrication

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, such as computer information systems.

The College reserves the right to add, change or terminate degree programs. Current requirements for the degrees follow, and are subject to change.

ASSOCIATE IN ARTS & SCIENCES (AAS)

Requirements for AAS Degree - Option II (DTA)

Everett Community College has agreements with most senior colleges and universities in the state for direct transfer of its students under guidelines developed by the Inter-College Relations Commission of the Washington Council on High School-College Relations. Under these agreements Everett Community College’s Associate in Arts and Sciences degree, when earned under Option II, may be used to satisfy the lower division general education requirements of the four-year colleges and universities. A comparable agreement has also been negotiated with several universities in Oregon.

Those schools with which the College has agreements are: Argosy University, Bastyr University, Central Washington University, City University, Cornish College of Arts, Eastern Oregon University, Eastern Washington University, The Evergreen State College, Gonzaga University, Heritage College, Northwest College, Oregon State University, Pacific Lutheran University, St. Martin's College, Seattle Pacific University, Seattle University, University of Maryland-University College, University of Oregon, University of Washington, Washington State University, Western Washington University, Whitworth College.

The University of Phoenix, Henry Cogswell College, Fort Hays State University, Capella University, and Portland State University also accept the option II degree, based on varying criteria.

Students who earn the AAS-Option II Direct Transfer degree normally will transfer with junior standing and will have completed the lower division general education requirements of the four-year colleges and universities. For exceptions, see the AAS-Option II Direct Transfer curriculum guide.

Students should carefully consult EvCC’s curriculum guides, an EvCC advisor, and a representative of their intended university to assure that they are selecting courses that...
1. PROFICIENCY in Intermediate Algebra

This is a graduation proficiency requirement for which no credit may be applied to this degree. It may be satisfied by completion of high school mathematics through second year algebra, or completion of an intermediate algebra course (Math 065), or course challenge demonstrating mastery of intermediate algebra skills, or completion of one of the following: Math 140 (with a grade of C or higher), 142, 147, 152, 153, 154, 252, 260, 261, or equivalent.

2. COMPLETION of a Diversity Course (5 credits)

Diversity courses focus on perspectives related to diversity in our society. Courses are listed in the Class Schedule with a D at the end of the course number, for example, ANTHR 202D.

3. BASIC SKILLS DISTRIBUTION (15 credits minimum)

A. Basic Communication Skills (10 credits minimum)
At least 6 credits from the following:
- English 101 or 101D (required)
- English 102, 102D, 103, 201, 211 (select one)
Remaining credits, if any, to total 10, from:
- Engineering: 130, 231
- English: 202
- Computer Information Systems: 203
- Speech: 101, 103

B. Basic Quantitative Skills (5 credits minimum)
- Business: 201
- Computer Information Systems: 130, 132, 133, 134, 142
- Computer Programming: 130, 132, 133, 134, 142
- Math: 137, 140, 142, 147, 152, 153, 154, 120

4. HUMANITIES DISTRIBUTION

15 credits minimum from at least 3 disciplines; no more than 5 credits from foreign language, and no more than 5 credits from Performance Skills (HP).

Humanities unrestricted list
- Art: 190, 121, 123, 124D, 199, 220, 221, 222, 224
- American Sign Language: 101, 102, 103, 201, 202, 203
- Chicano Studies: 105D
- Chinese: 101, 102, 103
- Film: 100
- French: 101*, 102*, 103*
- German: 101*, 102*, 103*, 201, 202, 203, 204, 204D, 205
- Italian: 101, 102, 103
- Japanese: 101, 102, 103*, 201, 202, 203, 207, 208, 209
- Journalism: 150
- Lushootseed: 130, 132, 134
- Music: 100, 109, 110, 110D, 115, 116
- Philosophy: 100, 110, 111B, 118, 150, 215, 267
- Photography: 230
- Russian: 101*, 102*, 103*
- Spanish: 101*, 102*, 103*, 201, 202, 203, 204, 204D, 205, 207
- Theater: 104, 149, 107D

Humanities restricted list - Performance Skills (HP)

(5 credits maximum) (this category is optional)
- Art: 100, 101, 102, 103, 104, 203, 204, 205, 206, 207, 208, 209, 211, 212, 213, 214, 216, 217, 218, 270, 271, 272, 273, 274
- Humanities 184
- Journalism: 101, 102, 149, 110
- Media: 130, 132, 133, 134, 135
- Music: 121, 122, 123, 124, 125, 126, 128, 140, 147, 151-159, 160D, 166, 166D, 167D, 210, 247, 247D
- Photography: 230
- Russian: 101, 102, 103
- Spanish: 101, 102, 103, 201, 202, 203, 204, 205, 207
- Speech: 100, 101, 102, 103, 109, 110, 149, 264, 204, 204D, 205, 207
- Theater: 104, 149, 107D

5. SOCIAL SCIENCES DISTRIBUTION

15 credits minimum from at least 3 disciplines
- Anthropology: 190, 102D, 106D, 202, 202D, 205, 210D, 211, 211D, 221D, 222D, 228, 230, 230D, 240, 255D
- Business: 101, 240, 220
- Economics: 101, 240
- Geography: 101, 102, 102D, 200, 201, 201D, 240, 220, 230, 240
- History: 100, 149, 102D, 103D, 111, 112, 151, 152, 153, 170D, 210, 232
- Journalism: 150
- Philosophy: 100, 110, 149, 118, 215, 267
- Political Science: 101, 200, 201, 202, 203, 205, 240, 210D
- Psychology: 100, 201, 203, 240, 205, 209, 240, 240, 266

6. NATURAL SCIENCES DISTRIBUTION

15 credits minimum from at least 3 different disciplines. Must include a lab science course from Part A below. Only 5 credits allowable from Part C below.
Part A: Biology/Earth/Physical Science courses (Lab):
- Anthropology: 201 (beginning Spring 2003)
- Astronomy: 120, 121, 122
- Atmospheric Science: 101, 104
- Biology: 102, 103, 107, 111, 112, 113, 114, 130, 131, 132, 133, 190, 225, 235, 237, 244, 250
- Botany: 113
- Chemistry: 100, 101, 102, 103, 114, 120, 140, 150, 160, 200, 201, 202
- Environmental Studies: 165, 166
- Geoscience: 100, 101, 102, 103, 107, 113, 190, 208
- Meteorology: 114
- Natural Science: 101, 107
- Oceanography: 101, 114
- Physics: 101, 111, 112, 114, 144, 154, 155, 156, 157, 158, 159

Part B: Biological, Earth or Physical Science courses (Non-Lab):
- Anthropology: 101, 201 (prior to Spring 2003)
- Astronomy: 106
- Biology: 106, 140, 141, 142, 143
- Chemistry: 103
- Environmental Studies: 101, 167
- Geography: 205
- Geoscience: 105
- Nutritional Science: 150, 160, 170

Part C: Other Science courses
5 credits maximum may be applied toward Natural Science Distribution:
- Business: 201
- Computer Information Systems: 101, 102, 103, 105, 130, 131, 132
- Computer Programming: 110, 111, 112, 130, 132, 144, 140, 142
- Engineering: 110, 120, 123, 144, 142 or Math 227
- Geographic Info Systems: 200, 201, 205
- Mathematics: 100, 137, 140, 142, 147, 152, 153, 154, 155, 252, 260, 261, 281
- Philosophy: 120

7. TRANSFER ELECTIVES (List A)
Any course listed under Distribution credits above may be used as a transfer elective. Additional courses which are fully transferable as electives toward the 90 credits required for this degree are: NOTE: Courses noted with a # are acceptable for students transferring AFTER Spring, 2007.

- Accounting: 200, 201, 202
- Art: 275, 276, 277, 297
- Biology: 114
- Business: 102, 150, 200
- Computer Information Systems: 104
- Criminal Justice: 101, 150, #, 201, #, 204
- Early Childhood Education: 120 #, 130
- Education: 101, 124, 145, #, 250-252, #, 256
- English: 150, 151, 152
- Environmental Studies: 144
- Geology: 109
- German: 190
- Graphic Arts: 120
- Human Services: 101
- Humanities: 100, 105
- Journalism: 170

PEHW Pre-Professional courses: 201, 222, 203, 205, 206, 207, 208, 209, #11, 211, 216, 225, 241, 222, 223, 224, 244, 246, 276, 277, 284

8. APPLIED ELECTIVES - List B (5 credits maximum)
Any course numbered 100 or above and not listed under Distribution or Transfer Electives (List A), except English 110, Math 114, General Business 121 thru 128, CSA 100, CSA 101.

ASSOCIATE OF SCIENCE (AS)
Students who are pursuing a natural, physical or computer science major may find the Associate of Science a good vehicle for transfer to most of Washington’s universities. Students intending to major in Biology, Chemistry, Earth Science, Environmental/Resource Sciences and Geology (Geoscience) follow Track I. Track II is designed for students majoring in Atmospheric Sciences, Computer Science, Engineering and Physics.

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. Curriculum guides and advising sheets for each of these tracks are available from Enrollment Services.

In addition to the specific requirements for the AS degree, students must complete at least 90 applicable credits with a cumulative GPA of at least 2.0, and must also satisfy the Diversity course requirement as described in “Graduation Requirements for All Certificates and Degrees.”

It is essential to work with an advisor for the AS degree.

ASSOCIATE IN MATH/SCIENCE EDUCATION
In order to better prepare Education majors for their upper division coursework, EvCC offers several associate degrees that provide a specific pathway in math and science secondary education.

The Associate in Math Education DTA follows a pattern similar to the Option II degree described earlier, but includes a list of required courses appropriate for advanced study in math and education.

The Associate of Science - Transfer offers options in Physics Education, Chemistry Education, Biology Education, and General Science Education, enabling students to complete lower division requirements in the core sciences. The AS-T follows a pattern similar to the Associate of Science degree described earlier.

To earn these degrees:
- The student must successfully complete a minimum of 90 quarter hours of courses numbered 100 and above in an approved program, with a cumulative GPA of at least 2.0.
- Satisfy all requirements described earlier in “Graduation Requirements for All Certificates and Degrees.”

ASSOCIATE IN BUSINESS - DTA
Students interested in attending one of Washington’s universities, majoring in business administration, accounting, economics, management, and other areas related to business, may consider completing the Associate in Business— Direct Transfer Agreement degree. This
degree follows a pattern very similar to that of the AAS – Option II, but specifies courses that meet pre-requisites for business majors. To complete this degree, students must:

- Successfully complete a minimum of 90 applicable quarter hours as listed in the Associate in Business Curriculum Guide
- Earn a minimum cumulative GPA of 2.0
- Complete the pre-requisites for the major with a grade of at least C
- Satisfy all requirements described earlier in “Graduation Requirements for All Certificates and Degrees.”

### AAS DEGREE – OPTION I

This option is designed for students who want an Associate in Arts and Sciences degree but find that the AAS – Option II or Associate of Science or Associate in Business degrees are not appropriate for their specific goal. The following are requirements for the AAS-Option I:

- The student must successfully complete a minimum of 90 quarter hours of courses numbered 100 and above in an approved program, with a cumulative GPA of at least 2.0. The following qualify as approved programs:
  - Courses outlined in an Everett Community College curriculum guide leading to an Arts and Sciences degree — Option I. The specialty area will be indicated on the student’s diploma and transcript, i.e., Nursing.
  - Courses conforming to the transfer guides of a four-year college or university. The burden of proof of the transferability of such a program rests with the student. The specialty area will be indicated on the student’s diploma and transcript.
- Satisfy all requirements described earlier in “Graduation Requirements for All Certificates and Degrees.”

### ASSOCIATE IN APPLIED SCIENCE - TRANSFER

This degree enables graduates of a specific technical program 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. To earn this degree:

- The student must successfully complete a minimum of 90 quarter hours of courses numbered 100 and above in an approved program, with a cumulative GPA of at least 2.0.
- Satisfy all requirements described earlier in “Graduation Requirements for All Certificates and Degrees.”

### ASSOCIATE IN TECHNICAL ARTS (ATA)

The degree of Associate in Technical Arts (ATA) 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. To earn this degree the student must successfully complete a minimum of 90 credits, with a cumulative GPA of at least 2.0, which must include:

1) All courses required for satisfaction of the specific technical program requirements as outlined in the appropriate curriculum guide.

2) The following general education requirements:
   a) English/Writing Skills
      Minimum of 5 credits selected from English 098 or 101
   b) Mathematics/Quantitative Skills
      Minimum of 5 credits. Select a course from the AAS - Option II quantitative skills list, or
      Complete the course(s) identified as the quantitative skills course(s) in the ATA curriculum guide for the appropriate degree.
   c) Computer Proficiency
      Complete the course(s) identified as the computer proficiency course(s) in the ATA curriculum guide for the appropriate degree, or
      Complete one of the following courses:
      - Computer Information Systems: 100, 104, 108, 124
      - Computer Programming: 110
      - Engineering: 141 or Math 171
      - Engineering: 142, 190
      Business Technology: 100, 101, 130, 140, 217, 219 or establish acceptable evidence of computer proficiency from a program advisor.
   d) Humanities Elective
      Minimum of 5 credits. Select from AAS - Option II humanities list
   e) Social Sciences Elective
      Minimum of 5 credits. Select from AAS - Option II social science list
      Note: Business 101 may be taken as a Social Science by non-business degree students only
   f) Natural Sciences Elective
      Minimum of 5 credits. Select from AAS - Option II Natural Sciences list

3) Degree candidates must also satisfy an interpersonal communications/human relations course requirement. This requirement may be satisfied by completing Speech 100, Business 154, 155, or 200, or as a part of the content of one or more of the required technical courses for the specific degree program. Students should consult a program advisor regarding other courses satisfying this requirement.

4) Appropriate safety, industrial safety, and environmental awareness instruction will be included in the specific technical program requirements.

5) Satisfy all requirements described earlier in “Requirements for All Degrees.”

### ASSOCIATE IN FINE ARTS (AFA)

#### Requirements for Associate in Fine Arts (AFA)

The Associate in Fine Arts is designed for students completing work through the Institute for Media and Creative Arts. Students select an emphasis area and successfully complete a minimum of 90 applicable credits with a cumulative GPA of 2.0, including the following requirements:

1) **Basic Skills Distribution (15 credits minimum)**
   Communication Skills (At least 10 credits from the following:)
   - English 101 (required)
   - Speech 100, 101
   - English 102, 103, 201W, 202
   - CIS 203
   Quantitative Skills (5 credits minimum)
   - CP 109, 110, 111
   - Engineering 144, 142
   - Math 120*, 137, 140, 142, 147, 152, 153, 155, 281
   - Philosophy 120
   * Note: This math course is not intended for transfer.

2) **Emphasis Skills (40-45 credits) (see emphasis area degree planning guide)**
   - Graphic Arts/Digital Illustration
   - Photography
   - Studio Arts
   - Written Arts
   - Independent Study (5 credits)
   - Portfolio Presentation 295
   - Final Project 299
3) **Humanities Distribution (5 credits)**
   To be selected from the Humanities Distribution in the Associate in Arts and Sciences - Option II.

4) **Social Sciences Distribution (5 credits)**
   To be selected from the Social Sciences Distribution in the Associate in Arts and Sciences - Option II.

5) **Natural Sciences Distribution (5 credits)**
   To be selected from the Natural Sciences Distribution in the Associate in Arts and Sciences - Option II.

6) **Interdisciplinary Skills (15 credits)**
   Choose at least one course from each of three disciplines outside your emphasis area.
   - Film: Film 100
   - Graphic Arts: Graphic Arts 101, 110, 120
   - Journalism: Journalism 101, 102, 110, 150, 170
   - Multimedia: Multimedia 210
   - Music: Music 100, 109, 110D, 115, 116
   - Photography: Photography 121, 151, 221, 230, 243
   - Studio Art: Art 110, 115, 120, 121, 124, 200, 205, 270
   - Theatre: Theatre 101, 104, 107D

7) Satisfy all requirements described earlier in “Graduation Requirements for All Certificates and Degrees.”

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### ASSOCIATE IN GENERAL STUDIES (AGS)

#### Requirements for AGS Degree

The degree in Associate in General Studies is designed for students who wish to complete a degree in general studies. To earn this degree:

1) The student must successfully complete a minimum of 90 credits with a cumulative GPA of at least 2.0. At least 45 credits must be in traditionally graded courses numbered 100 or above.

2) Courses selected to satisfy the humanities, social science, and science/math requirements must be from at least three different disciplines.

3) At least 25 of the credits must satisfy the following basic skills and general education requirements:
   a) **Communications**: 5 credits minimum (English 098 or 101 or Speech 100 or 101).
   b) **Quantitative Skills**: 5 credits, to be selected from any EvCC math course numbered 17 or above. High school equivalent courses may not be substituted.
   c) **Humanities**: 5 credits minimum from the published AAS - Option II guide.
   d) **Social Sciences**: 5 credits minimum from the published AAS - Option II guide.
   e) **Natural Sciences**: 5 credits minimum from the published AAS - Option II guide.
   f) **Interdisciplinary Skills**: 15 credits minimum from the published AAS - Option II guide.

4) Satisfy all requirements described earlier in “Graduation Requirements for All Certificates and Degrees.”

### LEARNING OUTCOMES

Over the past several years, faculty, students, staff and administrators have come together in a number of meetings and retreats to discuss our values, our goals and our desired educational outcomes for students. These conversations and commitments are a work in progress. Listed below are the Learning Outcomes we have identified for all certificates and degrees at EvCC. In addition to these core outcomes, program specific outcomes are identified for each of our degrees and certificates of 45 credits or more. These are available in the office of the Vice President of Instruction, in instructional division offices, Enrollment Services, and Counseling, Advising and Career Center. They are also posted on our website at www.everettcc.edu/template.cfm?doc_id=2174 For more information, please contact John Olson at jolson@everettcc.edu.

#### Core Learning Outcomes for Certificates and Degrees

1. **Engage and take responsibility as active learners**
   Students will be involved in the learning process as they gain deeper levels of understanding of the subject matter. They will design, complete and analyze projects while developing group interaction and leadership skills.

2. **Think critically**
   Students will develop and practice analytical skills, problem-solving skills and quantitative reasoning skills. Using creativity and self-reflection, they will be able to engage in inquiry that produces well-reasoned, meaningful conclusions.

3. **Communicate effectively**
   Students will develop the organizational and research skills necessary to write and speak effectively. The students will demonstrate awareness of different audiences, styles, and approaches to oral and written communication.

4. **Participate in diverse environments**
   Students will gain the awareness of and sensitivity to diversity, including one’s own place as a global citizen. Students attain knowledge and understanding of the multiple expressions of diversity, and the skills to recognize, analyze and evaluate diverse issues and perspectives.

5. **Utilize information literacy skills**
   Students will develop and employ skills to recognize when information is needed and to locate, evaluate, effectively use and communicate information in its various forms.

6. **Operate computers and technology proficiency**
   Students will use computers and technology as appropriate in their course of study.

### TRANSFER

#### 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 - Option II, the Associate of 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 a full two-years of credit to the transfer institution.

Everett Community College curriculum guides 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 Everett Community College curriculum guide for the chosen program from the Enrollment Services Office. 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. Copies of most college catalogs are available in the Library-Media Center and the Career Center. Many colleges have placed their catalogs on the web.
- 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.

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. The early connection sets the stage for advising and course selection that assures that the student is taking the right transfer 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 the Evergreen State College and a dual admission/dual enrollment agreement with the University of Washington-Bothell. Contact Enrollment Services for information, 425-388-9219.
for this degree differs significantly from that required for the bookkeeping certificate and ATA degree in accounting.

Detailed curriculum guides for each of the accounting and bookkeeping programs can be obtained from the Enrollment Services Office or on the college website. A complete list of accounting course descriptions follows.

Faculty Advisor:
P. Coughlin 425-388-9250 pcoughlin@everettcc.edu
W. Reed 425-388-9249 breed@everettcc.edu

**ACCNT 110**
College Bookkeeping  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.

Prerequisites: MATH 014 or BUS 130 with grade of C- or higher.

**ACCNT 112**
Business Taxation  5

Fundamentals of employer payroll taxes for all business types and federal income taxes for sole proprietorship form of business. Includes an overview of federal law governing payroll taxes. Presents the basic framework of federal income tax filing requirements, the determination of and adjustments to gross income, personal and business deductions and business income. Covers preparation of a basic federal income tax return, the payroll register, individual employee earnings records, and federal and state payroll reports. Not intended for transfer.

Prerequisites: ACCNT 110 or ACCNT 200 with a grade of C or higher. MATH 014 or BUS 130 with a grade of C- or higher.
ADULT EDUCATION/ HIGH SCHOOL COMPLETION PROGRAM

The Learning Services Department includes Basic Skills, GED Preparation, and English as a Second Language (ESL) classes. These classes have very low tuition and are open to adults age sixteen and older. Students under nineteen years old, who wish to earn a GED, must have permission from their local high school to attend. All Adult Basic Education classes require students to attend our assessment and orientation process prior to the start of class.

Faculty Advisors:
J. Bruemmer 425-388-9295 jbruemmer@everettcc.edu
M. Castro 425-388-9297 mcastro@everettcc.edu
C. Dahl 425-388-9018 sdahl@everettcc.edu
O. Mustafa 425-388-9017 omustafa@everettcc.edu
K. Schilde 425-388-9294 kschilde@everettcc.edu

Basic Skills
Basic Skills classes are available for students who want to improve their basic reading, writing, and math skills. Classes are offered at several skill levels and include GED Test preparation classes. Students with very low reading skills are referred to the Snohomish County Literacy Coalition, a community-based organization which is located on the Everett Community College campus. Books are provided in class, but students are strongly encouraged to purchase books if possible.

ABE 013
ABE Level 1 Math 3-4
Adult Basic Education math competencies designed to prepare the student for family literacy and employability. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement by the Adult Education Department.

ABE 023
ABE Level 2 Math 3-4
Adult Basic Education math competencies designed to prepare the student for family literacy and employability. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement by the Adult Education Department.

ABE 033
ABE Level 3 Math 3-4
Adult Basic Education math competencies designed to prepare the student for family literacy and employability. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement by the Adult Education Department.

ABE 043
ABE Level 4 Math 3-4
Adult Basic Education math competencies designed to prepare the student for family literacy and employability. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement by the Adult Education Department.

GED 053
GED Level 5 Math 3-4
This class helps students prepare for the General Educational Development (GED) test that is given at the College. Students learn basic math skills. Practice tests are offered. May be repeated two times for credit.
Prerequisites: Completion of ABE 043 competencies or competency assessment and placement by the Adult Education Department.
GED 063
GED Level 6 Math 3-4
This class helps students prepare for the General Educational Development (GED) Test that is given at the College. Students learn basic math skills. Practice tests are offered. May be repeated two times for credit.
Prerequisites: Completion of GED 053 competencies or competency assessment and placement by the Adult Education Department.

ABE 021
ABE Level 2 Communication Skills 3-8
Reading and writing skills designed to increase communication skills, family literacy and employability. Students work individually and in small groups. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement at level 2 by the Adult Education Department.

ABE 031
ABE Level 3 Communication Skills 3-8
Continuation of ABE 021. Reading and writing skills designed to increase family literacy and employability. Students work individually and in small groups. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement at level 3 by the Adult Education Department.

ABE 041
ABE Level 4 Communication Skills 3-8
Continuation of ABE 031. Reading and writing skills designed to increase family literacy and employability. Students work individually and in small groups. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement at level 4 by the Adult Education Department.

GED 051
GED Level 5 Communication Skills 3-8
This class helps students prepare for the General Education Development (GED) test. Students learn reading for information skills, improve grammar, punctuation and writing skills. Practice tests are offered. May be repeated two times for credit.
Prerequisites: Completion of ABE competencies or competency assessment and placement by the Adult Education Department.

GED 061
GED Level 6 Communication Skills 3-8
This class helps students prepare for the General Education Development (GED) test. Students learn reading for information skills, improve grammar, punctuation and writing skills. Practice tests are offered. Students enroll at this level when they have completed one or more sections of the GED tests. May be repeated two times for credit.
Prerequisites: Completion of ABE competencies or competency assessment and placement by the Adult Education Department.

ABE 020
ABE Level 2 Lab 6-12
Reading, writing, and math skills designed to increase family literacy and employability. Students work individually and in small groups. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement at level 2 by the Adult Education Department.

GED 060
GED Level 6 Lab 6-12
This class helps students prepare for the General Educational Development (GED) test. Students brush up on reading for information skills, review basic math, and improve grammar, punctuation and writing skills. Practice tests are offered. May be repeated two times for credit.
Prerequisites: Completion of ABE competencies or competency assessment and placement by the Adult Education Department.

English as a Second Language
The English as a Second Language program provides English language instruction to non-native English speakers. ESL classes are offered on campus and at off-campus locations in Snohomish County. Instruction is provided at six proficiency levels ranging from pre-literacy to pre-college English. ESL special services are provided in partnership with the Refugee and Immigrant Forum of Snohomish County, a non-profit community-based organization, located at Everett Community College. Special ESL classes are offered to WorkFirst and job-seeking students.

ESL 010
ESL Level 1 4-12
This is the first level for non-native speakers. It focuses on listening, speaking, reading, writing and computational skills necessary for family literacy and employment. Low tuition. May be repeated two times for credit.
Prerequisites: Competency assessment and placement by the Adult Education Department.

ESL 020
ESL Level 2 4-12
Continuation of ESL 010. English as a Second Language skills designed to prepare the student for family literacy and employability. Low tuition. May be repeated two times for credit.
Prerequisites: Completion of ESL 010 or competency assessment and placement by the Adult Education Department.
ESL 023
Intensive Vocational ESL Level 2  8-24
Vocational ESL course designed to provide the fundamental English skills required for specific occupational training areas. Grammar and structure associated with level 2 ESL core competencies. Specific vocabulary and language structures are customized for specific occupations. May be repeated one time for credit.
Prerequisites: DSHS and/or Refugee Forum referral. Corequisites: Designated job training program.

ESL 033
Intensive Vocational ESL Level 3  8-24
Vocational ESL course designed to provide the fundamental English skills required for specific occupational training areas. Grammar and structure associated with level 3 ESL core competencies. Specific vocabulary and language structures are customized for specific occupations. May be repeated one time for credit.
Prerequisites: DSHS and/or Refugee Forum referral. Corequisites: Designated job training program.

Transitional English as a Second Language
This program provides a bridge for limited English proficient students to move from lower proficiency levels into college-level classes, particularly college writing classes. Except for IELP 070, the Transitional ESL Program combines international students and resident students in a two-level course structure that builds the reading, writing, speaking and listening skills needed to do well in college-level classes. International students must apply through the International Student Office and enroll in IELP classes. Resident students apply through the Adult Education Department. All students must take a placement test and meet with an advisor.

IELP 070
English for Success  12
This course is designed to introduce and strengthen basic English and enhance the communication skills of new international students. In addition, it introduces international students to American culture through field trips to places of interest, guest speakers and activities that promote interaction with their new community. May be repeated one time for credit.
Prerequisites: Passing a writing and reading test given by the ESL/IELP faculty.

IELP 081
English Conversation I  2-6
This course is designed to provide preparation to make students comfortable speaking and listening in a variety of situations with an emphasis on vocabulary, idiomatic expressions, and pronunciation development. May be repeated two times for credit.
Prerequisites: CASAS level 4 or 5. Completion of ESL level 3.

IELP 081
English Conversation I  6
This course is designed to provide preparation to make students comfortable speaking and listening in a variety of situations with an emphasis on vocabulary, idiomatic expressions, and pronunciation development. May be repeated two times for credit.
Prerequisites: Pass an oral interview.

ESL 082
English Conversation II  2-6
This course is designed to provide additional preparation to make students comfortable speaking and listening in a variety of situations. Additional emphasis is given to fluency and accuracy in the usage of vocabulary, idiomatic expressions, and pronunciation. May be repeated two times for credit.
Prerequisites: Pass an oral interview. Successful completion of ESL 081.
IELP 082
English Conversation II 6
This course is designed to provide additional preparation to make students comfortable speaking and listening in a variety of situations. Additional emphasis is given to fluency and accuracy in the usage of vocabulary, idiomatic expressions, and pronunciation. May be repeated two times for credit.
Prerequisites: Pass an oral interview. Successful completion of IELP 081.

ESL 093
Academic Reading II 5
This course is designed to enhance academic reading skills for non-native speakers of English. Emphasis is on identifying main ideas and supporting sentences, author’s tone, goals and audience. In addition, it introduces the students to metaphorical language, builds vocabulary and idioms. It also develops reading efficiency through speed, comprehension and scanning for critical information. May be repeated one time for credit.
Prerequisites: Successful completion of IELP 080, ESL 080 or passing a reading test given by the ESL/IELP faculty.

IELP 093
Academic Reading II 5
This course is designed to enhance academic reading skills for non-native speakers of English. Emphasis is on identifying main ideas and supporting sentences, author’s tone, goals and audience. In addition, it introduces the students to metaphorical language, builds vocabulary and idioms. It also develops reading efficiency through speed, comprehension and scanning for critical information. May be repeated one time for credit.
Prerequisites: Successful completion of IELP 080, ESL 080 or passing a reading test given by the ESL/IELP faculty.

ESL 097
Academic Reading and Writing I 12
Academic reading and writing for non-native speakers with emphasis on paragraph development, sentence structure, grammar and punctuation, writing process, summarizing reading materials, scanning for information, and vocabulary development. May be repeated one time for credit.
Prerequisites: CASAS Level 6. Successful completion of ESL level 5.

IELP 097
Academic Reading and Writing I 12
Academic reading and writing for non-native speakers with emphasis on paragraph development, sentence structure, grammar and punctuation, writing process, summarizing reading materials, scanning for information, and vocabulary development. May be repeated one time for credit.
Prerequisites: COMPASS score 23-58. ASSET score 23-31. Writing sample. Lower COMPASS/ASSET scores may be accepted with higher writing skills. Successful completion of IELP 070 or passing a reading and writing test given by the IELP faculty.

ESL 098
Academic Reading and Writing II 5
Academic reading and writing for non-native speakers to prepare students for college writing. Course covers the writing process and different styles of essay writing. In addition, it develops reading skills such as scanning for critical information, identifying main ideas, and supporting details. May be repeated one time for credit.
Prerequisites: COMPASS score 59-81 and ASSET score 39-45. Successful completion of ESL 097.

IELP 098
Academic Reading and Writing II 5
Academic reading and writing for non-native speakers to prepare students for college writing. Course covers the writing process and different styles of essay writing. In addition, it develops reading skills such as scanning for critical information, identifying main ideas, and supporting details. May be repeated one time for credit.
Prerequisites: COMPASS score 59-81 and ASSET score 39-45. Successful completion of IELP 097.

ESL 099
College Success 1
Designed to teach academic skills for non-native speakers of English. Emphasis is on time management, grading systems, study skills and campus resources. In addition, it introduces students to different types of exams and test-taking skills. It also instructs students with regard to their rights, responsibilities and academic integrity. Furthermore, it helps the students decide on an academic option for transferring to a four-year college.
Prerequisites: Successful completion of IELP 080, ESL 080 or passing a writing test given by the ESL/IELP faculty.

High School Completion
The high school completion program provides a second chance for adults and out-of-school youth sixteen and older to complete the high school credits needed for graduation. Students can fulfill graduation requirements through specific high school classes or by enrolling in college-level classes. Faculty advisors review previous high school transcripts and recommend needed classes. Adult High School Diploma students who are at least 19 years old and Washington State residents may qualify for substantially reduced tuition. Students under the age of eighteen must have permission from their local high school to attend. Program services are available on-campus and at off-campus locations in Snohomish County.

A variety of high school level courses are available depending upon student need. Though offered within the College’s regular quarter system, these courses are formulated to be equivalent to the typical semester system of high schools. These courses are generally clustered in the following areas:

Art
HSC 065
High School Art 5
Introduction to fine arts at the high school level. Students engage in a variety of exploratory art activities with different media.

Communication
HSC 021, 022, 023
High School Completion English 1, 2, 3 5 each
First, second, and third semester classes give students individual attention in basic grammar, punctuation, paragraph construction, development of literary response techniques and interpretation of American literature through reading, writing and seminars. Requirements may include oral presentations. Third semester class also requires organization of grammar and composition skills into comprehensive written communication assignments.

HSC 024
High School Completion English 4 2.5
This is a research and communication course. It is designed to help students develop the culminating project required for high school completion students who were scheduled to graduate from high school after June 2001. May be repeated three times for credit.
HSC 025
High School Completion English: Creative Writing 5
Offers students the opportunity to improve their writing, with an emphasis on creative pieces. Students will develop the ability to use the complete writing process: brainstorming, outlining, drafting, revising, editing, and informal publishing. The instructor will work with individual students to help them discover their unique voice and “writer’s eye.” The various types of writing include personal narratives, poetry, magazine articles, character sketches, short stories, etc.

History
HSC 031, 033
High School Completion American History 1, 2 5 each
In first and second semester classes students analyze important themes in American social and political history from Revolutionary America to the present. The class includes the development of literacy, response techniques and interpretation of materials with an emphasis on cause and effect.

HSC 034
High School Washington State History 5
Attention is given to regional dimension of American history in Washington State and the Pacific Northwest and the Washington State constitution. Requirements include a variety of assignments specific to Washington State history and the Washington State Constitution.

HSC 040
High School American Government 5
Emphasis of this class on the critical role of American citizenship through discussion of the Constitution and the Bill of Rights. Includes current issues such as book censorship and civil disobedience. Requirements may include an individual research project.

Mathematics
HSC 012
High School Arithmetic Review and Problem Solving 5
Review of basic concepts and applications of whole and decimal numbers in daily life. Emphasis is on building skills and problem solving. May be repeated one time for credit.
Prerequisites: Instructor’s permission.

HSC 014
High School Mathematics for Life and the Workplace 5
A review of basic concepts in mathematics with applications in everyday life and the workplace. Prime factorization and operations on rational numbers, and applications using ratios, proportions and percents are included. An excess of five credits may not be earned in both HSC 014 and MATH 014. HSC 014 is competency based.
Prerequisites: Ability to perform whole number arithmetic.

HSC 017
High School Preparation for Algebra 5
This class includes fractions, decimals, percents, order of operations, scientific notation, formulas, signed numbers, exponents, radicals, geometric figures, and applications.
Prerequisites: MATH 014 or strong working knowledge of arithmetic.

Social Science
HSC 050, 051
High School Contemporary Problems 1, 2 5 each
First and second semester classes that analyze contemporary problems in global community. Includes the development of literary response techniques and interpretation through reading, writing, and integrated activities. Requirements may include oral presentations and/or a term project.

American Sign Language
American Sign Language courses (ASL 101, 102, 103; 201, 202, 203) may be used to fulfill a foreign language requirement at some colleges and universities. Please note that these courses do not prepare a person to function in the role of an interpreter.
Contact: Communication and Social Sciences Division office – C. Wamsley 425-388-9387 cwmsley@everettcc.edu

ASL 101, 102, 103
Elementary American Sign Language I, II, III 5 each
(H) 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.
Prerequisites: None for ASL 101; ASL 101 or equivalent for ASL 102; ASL 102 or equivalent for ASL 103.

ASL 151, 152
Beginning and Intermediate Conversational American Sign Language 3 each
Informal courses in beginning and intermediate conversational ASL to introduce students to the language and culture of the deaf. Emphasis on conversational skills useful in practical everyday situations of social interaction, developing cultural awareness, and developing expressive and receptive language skills with ASL by using everyday vocabulary, idioms and grammar. Not intended for, nor are they adequate for, developing interpreting skills.
Prerequisites: None for ASL 151; ASL 151 or instructor’s permission for ASL 152.

ASL 153, 154
Advanced Conversational American Sign Language 3 each
Continuation of ASL 151 and 152. Informal courses in advanced conversational ASL (the language) and culture of the deaf. Emphasis on conversational skills useful in practical everyday situations of social interaction, developing cultural awareness, and developing expressive and receptive language skills with ASL by using everyday vocabulary, idioms and grammar. Not intended for, nor are they adequate for, developing interpreting skills.
Prerequisites: ASL 152 for ASL 153; ASL 153 for ASL 154.

ASL 201, 202, 203
Intermediate American Sign Language I, II, III 5 each
(H) Continuation of ASL 101, 102, 103. Sequence of three courses at the intermediate level focusing on developing ASL fluency. Students will learn 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.
Prerequisites: ASL 103 or equivalent for ASL 201; ASL 201 or equivalent for ASL 202; ASL 202 or equivalent for ASL 203.
ANTHR 101
Our Place in Nature:
Survey of Archaeology and Biological Anthropology 5
(NS) General study of the field of archaeology, which studies human cultures through an examination of material remains and the field of biological anthropology which looks at humans’ place in the natural world.
Prerequisites: Completion of ENGL 098 with a grade of C or higher, or eligibility for ENGL 101.

ANTHR 102D
Cultures in Context: Survey of Cultural Anthropology and Linguistic Anthropology 5
(SS, D) 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.
Prerequisites: Completion of ENGL 098 with a grade of C or higher, or eligibility for ENGL 101.

ANTHR 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.
Prerequisites: Instructor’s permission.

ANTHR 201
Introduction to Biological Anthropology 5
(NS-L) Study of primate and hominid, including human evolution based upon evidence from genetics, comparative morphology, the fossil record and primate behavior.
Prerequisites: ENGL 098 with a grade of C or higher or eligibility for ENGL 101 and MATH 028 with a grade of C or higher.

ANTHR 202D
Principles of Sociocultural Anthropology 5
(SS, D) Introduction to the study of culture and society; cross-cultural perspective is employed to gain better understanding of family life, kinship, economic, political, and religious systems in various non-Western societies and in American culture and society. Includes training in fundamentals of social and cultural anthropology.
Prerequisites: Completion of ENGL 101 with a grade of C or higher or instructor’s permission.

ANTHR 205
Principles of Archaeology 5
(SS) Archaeology explores and examines the prehistoric record. Methods used to locate, sample and evacuate sites, techniques for dating archaeological materials, aspects of the analysis of archaeological remains, problems encountered using examples drawn from archaeological investigations around the world. Controversial cultural issues are explored. The value of the archaeological record and the importance of heritage conservation are discussed.
Prerequisites: Completion of ENGL 101 with a grade of C or higher or instructor’s permission.

ANTHR 210D
Contemporary American Indian Culture 5
(SS, D) Contemporary issues of importance to Native communities including cultural identity, portrayals of Indians in the media, the importance of language, education, economic and political rights, artistic and religious expressions, and culture change.
Prerequisites: Completion of ENGL 101 with a grade of C or higher or instructor’s permission.

ANTHR 211D
Indian Cultures of the Northwest Coast 5
(SS, D) 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 ethno-graphic sketches; the contemporary situation in context of continuity with the past.

ANTHR 221D
Anthropology of Religion 5
(SS, D) 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.

ANTHR 222D
Human Diversity 5
(SS, D) Explores how racial categories and the social consequences of research into human differences have results in the controversies surrounding stem cell research, cloning, and other topics labeled as neo-eugenics.
Prerequisites: Completion of ENGL 101 with a grade of C or higher or instructor’s permission.

ANTHR 230D
African American Experiences 5
(SS, D) Anthropological analysis of how race and culture impact Black identity and social life from a Black perspective, including African American contributions to American culture, the varied ethnicity of Black people, family life, gender, and aesthetic issues through selected contemporary writings.
Prerequisites: Completion of ENGL 101 with a grade of C or higher or instructor’s permission.

ANTHR 240D
Pacific Islands Cultures 5
(SS, D) Critical analysis of the issues facing the cultures of the Pacific Islands (Anglonesia, Micronesia, Melanesia, and Polynesia).
Prerequisites: Completion of ENGL 101 with a grade of C or higher or instructor’s permission.

ANTHR 255D
Cross-Cultural Medicine 5
(SS, D) Cross-cultural analysis of the environmental, historical, biological and cultural contributions to illness and health. Also offered as SOC 255D. Credit may not be earned in both ANTHR 255D and SOC 255D.
Prerequisites: SOC 110 or ANTHR 102D or ANTHR 202D recommended. Completion of ENGL 101 with a grade of C or higher or instructor’s permission.
COURSES

APPLIED TECHNOLOGY TRAINING CENTER

The Applied Technology Training Center is located at 2333 Seaway Boulevard in Everett. The Center, designed to provide courses and training programs that are responsive to the needs of business and industry, offers day and evening classes, as well as online classes. Also, special courses and customized contract training programs can be tailored to meet the needs of business, industry and public agencies. The college’s Continuing Education department is located at ATTC. The schedule of Continuing Education classes is published in the quarterly class schedule and includes credit and non-credit offerings. Call 425-267-0150 for more information.

APPRENTICESHIP

The College cooperates with local joint apprenticeship committees to offer classes in related trade training for apprentices. This is a state-approved plan for training skilled workers which is promoted nationally by federal apprenticeship law, known as the Washington State Apprenticeship Act of 1941.

According to state apprenticeship law, state and local boards responsible for vocational education shall oversee related and supplemental instruction of apprentices. Apprentices are involved in the study of technical subjects for no less than 144 hours of regular class attendance per year during the apprenticeship-training period. The courses are open only to indentured apprentices.

The following apprenticeship programs are currently approved and offered through the unions in cooperation with Everett Community College. EvCC contact: Amanda Rojas, 425-388-9440.

Carpenters - 360-428-2933
Electrical Workers - 360-428-5080
Plumbers and Steamfitters - 425-252-3262
Public School Employees - 360-336-2240
PUD - 425-783-5035

ART

The Art Program at Everett Community College provides three degree options, each requiring strong foundation courses and skill development in a broad range of media. The Associate in Arts and Sciences - Option II, is a direct transfer degree which requires the student to complete general education courses and electives as outlined in the degree requirements at the front of this catalog. Students who expect to transfer as Studio Arts majors should check the requirements of the intended four-year or other college, as additional requirements beyond the AAS degree (such as portfolio reviews or additional course work) may be needed for program admission. Students interested in a two-year program focused on study and skill development in a specific discipline within the Studio Arts may prefer to select an Associate in Fine Arts (AFA) degree. The AGS (Associate in General Studies) degree is another option for students interested in taking a variety of art courses. All students should work closely with a program advisor to insure that their course of study matches requirements with personal goals.

Note: Studio courses require students to purchase their own materials.

Faculty Advisors:
T. Lee  425-388-9442  tlee@everettcc.edu
S. Lepper  425-388-9445  slepper@everettcc.edu

ART 100, 101, 102
Beginning, Intermediate and Advanced Drawing  2 each
(HP) Sequence of drawing courses designed for the non-major. Emphasis is on the development of perception and the graphic skills required for representational drawing. Use of line, shape, value, scale, proportion and linear perspective. Introduction to the elements and principles of art as seen in drawing. Role of drawing in art history and its use in other applications.
Prerequisites: None for ART 100; ART 100 for ART 101; ART 101 for ART 102.

ART 104, 105, 106
Beginning, Intermediate and Advanced Painting  3 each
(HP) Sequence of painting courses designed for the non-major. Introduction to the materials and techniques of oil painting with emphasis on representation of the visual world through form, shape, color, value, and texture. Introduction to the principles and elements of art as they apply to painting including composition and color theory. Advanced courses include an exploration of expression and style. Investigation of styles, movements and material in painting through history.
Prerequisites: ART 100 for ART 104; ART 104 for ART 105; ART 105 for ART 106.

ART 107, 108, 109
Beginning, Intermediate and Advanced Ceramics  3 each
(HP) A sequence of courses for the non-major designed to develop the fundamental skills to manipulate the ceramic medium. Introduction to the language of the visual arts as it pertains to ceramics. Advanced courses include wheel throwing and advanced glazing techniques.
Prerequisites: None for ART 107; ART 107 for ART 108; ART 108 for ART 109.

ART 110
Design I: 2 Dimensional  5
(HP) Foundation course sequence in the knowledge and practice of the elements and principles of visual art. Use of line, shape, space, value, color, pattern, texture and composition. Investigation of design principles in the visual world in a variety of media. Advanced courses include 3D applications of design principles.

ART 111
Design II: 3 Dimensional  5
(HP) Foundation course sequence in the knowledge and practice of the elements and principles of visual art. Use of line, shape, space, value, color, pattern, texture and composition. Investigation of design principles in the visual world in a variety of media. Advanced courses include 3D applications of design principles.

ART 112
Design III: Advanced Design  5
(HP) Foundation course sequence in the knowledge and practice of the elements and principles of visual art. Use of line, shape, space, value, color, pattern, texture and composition. Investigation of design principles in the visual world in a variety of media. Advanced courses include 3D applications of design principles.
Prerequisites: ART 110.

ART 113
Life Drawing I  3
(HP) Foundation course sequence in the representation of the human figure through drawing from live models. Study of the anatomy of the human figure as it applies to the artist. Students will understand and practice the proportions of the figure, use of line and value, negative space, foreshortening and perspective through instructor-guided exercises. Previous introductory course in drawing recommended.
Prerequisites: ART 100 or ART 115 or instructor’s permission.
ART 114
Life Drawing II 3
(HP) Intermediate course includes investigation into various media including color, uses of the elements of 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. Investigation of the role of the figure in art and culture throughout history. May be repeated two times for credit.
Prerequisites: ART 113.

ART 115, 116, 117, 118
Drawing I, II, III, IV 5 each
(HP) Foundation course sequence in the acquisition of the skills needed to perceive and define the three-dimensional world on two-dimensional surfaces. Principles and elements of the visual arts. Use of various media including charcoal. Development of skills in the use of line, shape, value, space, and form. Faculty structured exercises to develop techniques. Advanced courses include mixed media, color, composition, content, expression and professional presentation.
Prerequisites: None for ART 115; ART 115 for ART 116; ART 116 for ART 117; ART 117 for ART 118.

ART 121
Understanding Art 5
(H) Introductory course in viewing and participating with the human created visual world. Exploration of the language, processes and role of art in many media. Development of visual literacy through learning a critical method for understanding, analyzing and interpreting imagery. Brief historical overview and inclusion of the art of many cultures. Regular written assignments, readings, and slide analysis. Gallery and museum visits.

ART 123
Introduction to Studio Art 5
(HP) An 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 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 one time for credit.

ART 124D
Understanding World Art 5
(H, D) 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 combined with the study of visual language and culture. 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 135
Drawing and Painting Workshop 2
(HP) Topical instruction in a specific media or subject area more intense than the regular curriculum. Topics include portraits, plein air painting, figure painting, encaustic and mixed media. Course may be taught by visiting artists. Use of the elements and principles as seen in this subject or medium. Historic aspects of the specific medium or subject area, vocabulary and content issues around the selected subject.
Prerequisites: ART 100 or ART 115 or instructor’s permission.

ART 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.
Prerequisites: ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level and instructor’s permission.
ART 224
Contemporary Movements 5
(H) Development and spread of Modernism since the early 20th century and subsequent movements in 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 Post Modernism. Previous enrollment in ART 124D recommended. Sequential order preferred.
Prerequisites: Recommend ART 124D.

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 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.
Prerequisites: Instructor’s permission.

ART 270, 271, 272, 273
Ceramics I, II, III, IV 5 each
(H) A course sequence focusing on the development of the skills needed to manipulate the ceramic medium. The use of various forming methods, technical information, and the language of the ceramic medium. Principles and elements of art as they apply to ceramics. Faculty-structured projects to develop physical skills, style, and an understanding of functional and sculptural aesthetics. Advanced courses in wheel throwing, advanced glazing and firing techniques, and contemporary topics.
Prerequisites: ART 110 recommended but not required for ART 270; ART 270 for ART 271; ART 271 for ART 272; ART 272 for ART 273.

ART 274
Ceramics Workshop 3
(HP) Ceramics workshop based on a variety of topical techniques and processes. Examples include alternative firing methods and system, glaze chemistry and development, Majolica, low-fired ceramic processes and sculpture. See current schedule for course topic. May be repeated two times for credit.
Prerequisites: ART 107 or ART 270.

ART 275
Ceramic Glaze Chemistry I 3
(TE) Introduction to the materials and methods used in formulating glazes and clay bodies for studio ceramics. Students will learn the specific properties of ceramic materials and use them to create traditional and original ceramic surfaces. Level I will include experimental design and deal primarily with mid-range electric firing.
Prerequisites: ART 270 or ART 109.

ART 276
Ceramic Glaze Chemistry II 3
(TE) Continued study of the materials and methods used in formulating glazes and clay bodies for studio ceramics. Students will learn the specific properties of ceramic materials and use them to create traditional and original ceramic surfaces. Level II will include ceramic history and will introduce high fire reduction firing.
Prerequisites: ART 275.

ART 277
Ceramic Glaze Chemistry III 3
(TE) Continued study of the materials and methods used in formulating glazes and clay bodies for studio ceramics. Students will learn the specific properties of ceramic materials and use them to create traditional and original ceramic surfaces. Level III will include studio economics and will introduce clay body formulation and special effects surfaces. May be repeated two times for credit.
Prerequisites: ART 276 or instructor’s permission.
MATH 055, or placement by assessment score into MATH 065 or above.

Prerequisites: ENGL 098 with C or higher (or equivalent) and completion of MATH 028 or MATH 054.

Life in the Universe 5

(TE) Investigates the astronomical and biological conditions necessary for the evolution of life on Earth, the conditions necessary for the evolution of life in the universe. Topics covered will be basic concepts in astronomy and cosmology, the physical processes that govern weather-related phenomena. Regional climate of the world and global climatic prediction and change.

Prerequisites: ENGL 098 or equivalent and MATH 017 or equivalent.

Astronomy

No liberal arts education should be considered complete without studying astronomy. These courses are designed for non-science majors or students with a general interest in the subject. Students wishing to study astronomy at a four-year institution are urged to major in physics at EvCC.

Faculty Advisors:
A. Vanture 425-388-9556 avanture@everettcc.edu
K. Washburn 425-388-9429 kwashburn@everettcc.edu

ASTRO 101
Survey of Astronomy 5

(NS-L) General survey of astronomy including the nature of planets, stars, and galaxies. The origin and evolution of the solar system and universe.

Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level.

ASTRO 120
Observational Astronomy 5

(NS-L) 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.

Prerequisites: MATH 059 (or equivalent).

ASTRO 121
Evolution of the Universe 5

(NS-L) 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.

Prerequisites: ENGL 098 with C or higher and MATH 065 or equivalent.

ASTRO 122
Life in the Universe 5

(NS-L) 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.

Prerequisites: ENGL 098 with C or higher (or equivalent) and completion of MATH 028 or MATH 055, or placement by assessment score into MATH 065 or above.

Aviation Maintenance

The Aviation Maintenance Technology Program provides students with necessary background knowledge and practical experience to qualify to take the Federal Aviation Administration (FAA) Aircraft Maintenance Technician exam for both airframe and powerplant ratings. The A&P license qualifies graduates for entry-level employment in both airline and general aviation maintenance. The combined sequences of airframe and powerplant technology require eight quarters, two academic years (including two summer quarters) to complete. With Aviation Department approval, students may enter at the beginning of any quarter and proceed through the sequence. Students will need about $800 worth of tools and equipment for the program.

All training for the program is conducted in classrooms and shops at the Everett Community College Aviation Maintenance Technician School at Paine Field. For further information regarding the program, individuals may visit the school at Paine Field or call 425-388-9533 for an appointment.

By taking academic work beyond the aviation maintenance technology training, students may qualify for the degree of Associate in Technical Arts/Aviation, or Associate in Arts and Sciences Option I – Aviation Maintenance Management which is transferable and can lead to a bachelor’s degree in Flight Technology, Airway Science or Aviation Maintenance. Opportunities for advancement to positions as foremen, supervisors, and inspectors are available to qualified airframe and powerplant maintenance technicians, particularly those who hold an associate degree in addition to their FAA ratings.

Faculty Advisors:
T. Hatton 425-388-9521 thatton@everettcc.edu
W. Loomis 425-388-9519 bloomis@everettcc.edu
P. Murphy 425-388-9534 pmurphy@everettcc.edu
AVA 101
Applied Science for the Aviation Technician 20
Theory and Practice: Basic skills necessary for both airframe and powerplant mechanics including theory of flight, mathematics, physics, materials and processes, ground operations and servicing, and privileges and limitations of technicians as specified in Federal Air Regulations. Final 70 hours are devoted to basic electricity.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with FAR 65:71.

AVA 102
Powerplant Technology 20
Theory and Practice: Aircraft engine electrical and ignition systems, maintenance and overhaul of aircraft reciprocating engines. Students inspect, check, service and repair opposed and radial engine installations.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with Federal Air Regulation 65:71.

AVA 103
Powerplant Technology 20
Theory and Practice: Maintenance and overhaul of aircraft turbine engines, fuel metering, exhaust, induction and fuel systems for both reciprocating and turbine engines. Students inspect, check, repair and service the above systems.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with Federal Air Regulation 65:71.

AVA 104
Powerplant Technology 20
Theory and Practice: Engine lubrication, cooling, propellers, fire protection, instruments, and engine inspection. Students inspect, check service, repair and perform powerplant conformity and airworthiness inspections.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with Federal Air Regulation 65:71.

AVA 202
Airframe Technology/Applied Science for Aviation Technician-Part II 20
Theory and Practice: Aviation theory: fluid lines and fittings, weight and balance, corrosion control, aircraft drawings, and general/powerplant review prior to FAA written, oral and practical examinations for powerplant rating. Maintenance of wood structures fabric coverings, painting and finishing.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with Federal Air Regulation 65:71.

AVA 203
Airframe Technology 20
Theory and Practice: Principles and techniques of maintenance and repair of aircraft sheet metal structures, fuel systems, welding, and assembly and rigging of aircraft.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with Federal Air Regulation 65:71.

AVA 204
Airframe Technology 20
Theory and Practice: Position and warning systems, fire protection, landing-gear systems including brakes, hydraulic and pneumatic systems, cabin atmosphere, aircraft electrical, and helicopter theory.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with Federal Air Regulation 65:71.

AVA 205
Airframe Technology 20
Theory and Practice: Airframe conformity and airworthiness inspections, troubleshooting, aircraft instruments, communications and navigation, ice and rain control. Airframe review prior to FAA written, oral and practical exams for airframe rating.
Prerequisites: High school graduate or equivalent. Ability to read, write, speak and understand English in accordance with Federal Air Regulation 65:71.

AVA 221
Non-Destructive Testing I 3
Introduction to the basic principles and applications of the non-destructive testing techniques used for testing industries, including eddy current, penetrant, magnetic particle, ultrasonic and radiography. Course is not part of the FAA-approved curriculum. May be repeated one time for credit.
Prerequisites: Instructor’s permission.

AVA 222
Non-Destructive Testing II 3
Continuation of AVA 221 with in-depth examination of non-destructive testing techniques and their application using laboratory experiments and processes. Course is not part of the FAA-approved curriculum. May be repeated one time for credit.
Prerequisites: AVA 221 or instructor’s permission.

AVA 223
Non-Destructive Testing III 3
Continuation of AVA 222 with in-depth application of the five basic testing methods using laboratory equipment. Course is not part of the FAA-approved curriculum. May be repeated one time for credit.
Prerequisites: AVA 222 or instructor’s permission.

BIOLOGY

The Biology program offers courses to meet the needs of three groups of students: science transfer/pre-medicine students, health occupations transfer students, and students who are not majoring in the sciences, but who need science courses for graduation.

Biology 160 (Cellular Biology) is the entry course for all science transfer and health occupations transfer students. Science transfer students then go on to complete Biology 161 and Biology 163, leading to an Associate of Arts and Sciences or an Associate of Science degree. Most health occupations students take Biology 235, 237 and 250. Non-majors courses offered by the Biology Department are Biology 102, 107, 130, 135, 147; Botany 113; and Environmental Studies 101, 165.

Detailed curriculum guides are available on the College website and on campus for a dozen different majors relating to the biological sciences. It is strongly suggested that students with a science major meet with a science faculty member prior to the first quarter of registration.

Faculty Advisors:
J. Hedgpeth 425-388-9482 jhedgpeth@everettcc.edu
R. Kratz 425-388-9503 rkratz@everettcc.edu
P. Pape-Lindstrom 425-388-9480 ppape@everettcc.edu
F. Schwartz 425-388-9451 fschwartz@everettcc.edu
E. Stern 425-388-9424 estern@everettcc.edu

BIOL 102
Introductory College Biology 5
(NS-L) General concepts of living organisms, the process of science, and application of biology to human beings and society. For non-science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.
BIOL 106
Controversies in Biology 5
(NS) Explore the science behind and the ethical issues surrounding some of the most controversial issues in modern biology and health care. Provides a framework of perspectives and themes through which the bioethical issues can be explored but also the science underlying those issues. Topics may include: use of placebos in clinical trials, research in third world's, genetic testing, genetic engineering, DNA fingerprinting in forensics, embryo selection, cloning, active and passive euthanasia, informed consent, stem cell research, allocation of health care spending and organ donation/allocation.
Prerequisites: ENGL 101 with a grade of C or higher.

BIOL 107
Life Science for Everybody 5
(NS-L) 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.
Prerequisites: ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher, both with a grade of C or higher.

BIOL 114
Birds of Western Washington 3
(TE) Identification, anatomy, behavior and ecology of Western Washington birds. Field trips required.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level.

BIOL 130
Marine Biology of the Pacific Northwest 5
(NS-L) Introduction to the identification, interactions, and life histories of marine organisms found in Puget Sound. Field trips required.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.

BIOL 135
Introductory Anatomy and Physiology 5
(NS-L) Relationships between anatomy and physiology, interrelationships among the organ systems, and how each body system interacts to maintain a stable internal state (called homeostasis). Familiarity with medical terminology is desired. No prior knowledge of biology or chemistry is required.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.

BIOL 140
Topics in Genetics & Evolution 2
(NS) Readings and discussion of selected current topics in genetics, biotechnology and/or evolution. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 141
Topics in Physiology 2
(NS) Readings and discussion of selected current topics in human physiology, health and disease. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 142
Topics in Ecology 2
(NS) Readings and discussion of current topics in ecology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with a grade of C or higher.

BIOL 143
Topics in Microbiology and Immunology 2
(NS) Readings and discussion of current topics in microbiology and immunology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 144
Topics in Genetics 2
(TE) Identification of variations in DNA and how these variations may be used in medical and forensic applications.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level.

BIOL 146
Biological Science for Mass Communication 2
(NS) Readings and discussion of current topics in biology. Suitable for communication majors.
Prerequisites: ENGL 098 with a grade of C or higher, MATH 028 or equivalent with a grade of C or higher.

BIOL 147
Human Genetics 5
(NS-L) Introduction to the study of genetics as it relates to humans and human populations. Topics covered include classical genetics, mutations, reproduction and sex determination, DNA structure and function, and genetic engineering.
Prerequisites: ENGL 098 with grade of C or higher, MATH 028 or equivalent with a grade of C or higher.

BIOL 148
Ecology of Microorganisms 2
(NS) Readings and discussion of current topics in microbiology and immunology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 149
Ecology of Marine Organisms 2
(NS) Readings and discussion of current topics in marine biology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 150
General Botany 5
(NS-L) Structure and function of plants. Includes a survey of the plant kingdom and related organisms.
Prerequisites: BIOL 160 and one quarter of college chemistry equivalent to CHEM 140 or higher, both with a grade of C or higher.

BIOL 151
General Zoology 5
(NS-L) Structure, function, evolution and classification of animals. Laboratory includes animal dissections.
Prerequisites: BIOL 160 and one quarter of college chemistry equivalent to CHEM 140 or higher, both with a grade of C or higher.

BIOL 152
Contemporary Biology 5
(NS-L) Introduction to biology, including organismal biology, evolution, environmental issues, and current topics in biology. Includes a survey of the plant kingdom and related organisms. Laboratory includes animal dissections.
Prerequisites: BIOL 160 and two quarters of college chemistry equivalent to CHEM 140 or higher, both with a grade of C or higher.

BIOL 153
Advanced Topics in Biology 2
(NS) Readings and discussion of current topics in biology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 154
Advanced Topics in Marine Biology 2
(NS) Readings and discussion of current topics in marine biology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 155
Advanced Topics in Microbiology 2
(NS) Readings and discussion of current topics in microbiology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 156
Advanced Topics in Genetics 2
(NS) Readings and discussion of current topics in genetics. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 157
Advanced Topics in Evolution 2
(NS) Readings and discussion of current topics in evolution. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 158
Advanced Topics in Ecology 2
(NS) Readings and discussion of current topics in ecology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 159
Advanced Topics in Immunology 2
(NS) Readings and discussion of current topics in immunology. Suitable for students with no biology background as well as for science majors.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher.

BIOL 160
Cellular Biology 5
(NS-L) Principles of cellular biology as they apply to organisms. Prerequisite to all advanced biology courses.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level. One quarter of college CHEM 101 or higher, or one year of high school chemistry within the last five years with a grade of C or higher.

BIOL 161
General Zoology 5
(NS-L) Structure, function, evolution and classification of animals. Laboratory includes animal dissections.
Prerequisites: BIOL 160 and one quarter of college chemistry equivalent to CHEM 140 or higher, both with a grade of C or higher.

BIOL 163
General Botany 5
(NS-L) Structure and function of plants. Includes a survey of the plant kingdom and related organisms.
Prerequisites: BIOL 160 and one quarter of college chemistry equivalent to CHEM 140 or higher, both with a grade of C or higher.

BIOL 190
Natural History Field Studies 1-5
(NS-L) Various field studies. Hours to be arranged. May be repeated one time for credit.
Prerequisites: Instructor's permission.

BIOL 199
Special Projects – Biology 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.
Prerequisites: Instructor's permission.
BIOL 235
Human Anatomy 6
(NS-L) Detailed examination of the structure of the human body using models, charts, computer programs, fresh animal specimen dissection, and dissection of the preserved cat. For biology and allied health professional majors.
Prerequisites: BIOL 160 with a grade of C or higher. One quarter of college chemistry CHEM 101 or higher, or one year of high school chemistry within the last five years with a grade of C or higher.

BIOL 237
Human Physiology 6.5
(NS-L) Detailed study of the functioning and interrelationships of the organ systems of the human body using diagnostic lab exercises and computer software.
Prerequisites: BIOL 160 with a grade of C or higher. One quarter college chemistry CHEM 101 or higher, or one year of high school chemistry within the last five years with a grade of C or higher.

BIOL 250
Microbiology 5
(NS-L) Survey of microorganisms and their biological activities, with special emphasis on bacteria.
Prerequisites: One quarter college chemistry (CHEM 098 or above), or one year of high school chemistry within the last five years. BIOL 160 and one of the following, all with a grade of C or higher: BIOL 161, BIOL 163, or BIOL 237.

BUS 101
Introduction to Business 5
(SS) Survey of, and orientation to, the American business system. Overview of business environment, private enterprise system, business organization, management processes, and business operation. Intended as an introductory course for students majoring in any field of study.

BUS 102
Innovation in Design 5
Explores the role of creativity, teamwork, and communication in promoting innovative design. Develop knowledge and skills in all three areas through a series of hands-on projects and reflective activities. Students will work in teams to complete the projects and present their experiences and results through various communication formats. Credit cannot be earned in both BUS 102 and ENGNR 101.
Prerequisites: ENGL 098 or placement into ENGL 101; or instructor’s permission.

BUS 104
Business English 5
Includes writing, editing, or preparing final copy for distribution, publication, or transcription, and reinforcement of business English skills. Review of abbreviations, capitalization, grammar, numbers, compounds and hyphenations, possessives, punctuation, spelling, and word confusions.
Prerequisites: Reading placement scores indicating college-level skills or completion of RSS 104 with C or higher.
BUS 105  
Small Business Essentials  
The 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 110D  
Business Communications  
(D) Study of business communications 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 improving listening skills and interpreting nonverbal communication within varying cultures.  
Prerequisites: Recommended BUS 104 and placement in ENGL 098.

BUS 130  
Business Computations  
Apply mathematical concepts using numerical data in Excel to complete business applications. Create formulas and use functions of Excel to compute basic math operations, fractions, percent, percent increase/decrease, bank reconciliation, payroll, taxes and insurance, discounts, markup/markdown, interest, mortgages, depreciation, financial statements.  
Prerequisites: Strong working knowledge of arithmetic or completion of MATH 014 or equivalent recommended. BT 140 or equivalent recommended.

BUS 150  
Principles of Marketing  
(TE) Introductory study of marketing concepts viewed from a managerial approach. Study of fundamental business activities that direct flow of goods and services from producer to consumer. Includes promotion, distribution and pricing.

BUS 154  
Fundamentals of Supervision  
Emphasis on the human factor in business; the job of the supervisor; human relations; art of leadership; how to convert policy into action; job analysis and performance; how and when to discipline; and supervision of different types of workers. Intended for present and future supervisors. Not intended for transfer.

BUS 200  
Principles of Management  
(TE) Introduction to basic principles of good business management. Consideration of basic management functions of organizing, planning, directing, staffing, and controlling.

BUS 201  
Elements of Statistics  
(Q, NS) Introductory course. Descriptive methods, probability, sampling distributions, hypothesis testing, confidence intervals, correlation, ANOVA, chi-square tests. For students in any major. Credit may not be earned in both MATH 201 and BUS 201.  
Prerequisites: MATH 140 or equivalent.

BUS 205  
Entrepreneurship I  
The first in a two-course series immersing students in the world of business. Focus on inventing, developing, launching and managing a new business. This hands-on course involves off-campus activities and online interaction. Students will work in teams to set goals for successful implementation of the new venture.  
Prerequisites: BUS 105 or instructor’s permission.

BUS 206  
Entrepreneurship II  
This second of a two-part series will focus on managing, growing and liquidating a business. This hands-on course involves off-campus activities and online interaction. BUS 206 is a continuation of BUS 205.  
Prerequisites: BUS 205 or instructor’s permission.

BUS 220  
Business Law  
(55) Origin, evolution, concepts and functions of law and judicial system. Includes contracts, agency, torts, Uniform Commercial Code, 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. Business students intending to transfer to University of Washington should enroll in Political Science 200. Required law course for business students intending to transfer to Washington State University.  
Prerequisites: Sophomore standing or business experience recommended.

BUS 255  
Business Consulting  
Teams will consult existing small businesses in Snohomish County. Consulting services provided by students included developing marketing strategies, building company web sites and databases, completing financial analysis, developing human resource management systems, and improving operational infrastructures.

Prerequisites: BUS 205, BUS 206.

BUSINESS TECHNOLOGY

See also Medical Transcription

Business Technology (BT) is offered through the Business and Applied Technology Division and includes programs leading to one- and two-year certificates and a two-year Associate in Technical Arts (ATA) degree. These programs provide training required for office support, legal office support, legal office assistant, administrative support, word processor, Microsoft Office specialist, medical receptionist, medical transcriptionist, medical administrative assistant, medical billing specialist, and medical coding but are not intended for transfer.

With the help of an advisor, students select courses in business technology, general business and other related areas. At the time of advising, students are placed in skills classes according to their proficiency.

First-year courses emphasize the basic knowledge and skills necessary to prepare students for entry-level office positions. Second-year offerings include advanced courses and an internship to prepare students for higher levels of employment.

Students who plan to major in business education can earn an Associate in Arts and Sciences (AAS) - Option II degree, which will transfer directly to a four-year college or university.

Detailed curriculum guides are available from the Enrollment Services Office, from program advisors, and the college website.

Faculty Advisors:

K. Kneiefel 425-388-9155 kkneiefel@everettcc.edu
T. Markovich 425-388-9241 tmarkovich@everettcc.edu
L. Munoz 425-388-9175 lmunoz@everettcc.edu
P. Stettler 425-388-9247 pstettler@everettcc.edu
K. Willestoft 425-388-9242 kwillestoft@everettcc.edu
### COURSES

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### BT 100: Beginning Keyboarding (5 credits)

First course in typing sequence which introduces typewriting-by-touch system taught on computers. Development of speed and accuracy. Includes techniques for editing, saving, opening and closing documents, application of skills to personal letters and reports.

#### Prerequisites:
- BT 100 or equivalent

### BT 101: Document Formatting (5 credits)

Second course in typing sequence taught on computers. Reviews basic typewriting concepts; continues development of speed and accuracy; covers correspondence, manuscripts, and tables for personal and business use. Also intended for brush-up of typing skills.

#### Prerequisites:
- BT 100 or equivalent

### BT 102: Office Systems (5 credits)

Focuses on general legal terminology and vocabulary, as well as pretrial and trial procedure. Transcribe correspondence, pleadings, legal documents and forms used in litigation. Materials are transcribed using word processing and transcription equipment.

#### Prerequisites:
- BT 101 and BUS 104 (or concurrent enrollment) or instructor’s permission

### BT 103: Computers for Beginners (5 credits)

This course focuses on the introduction to computer applications, software, and electronic research and communications with an emphasis on developing computer literacy for beginning computer users and non-users. The course content will also discuss choices in purchasing or upgrading a computer. Students will be introduced to creating, editing, and maintaining documents.

### BT 104: Keyboarding - Speed and Accuracy (3 credits)

Improve typing speed and accuracy through the use of programmed software which diagnoses each student’s keyboarding problems and prescribes appropriate practice material. May be repeated up to six credits.

#### Prerequisites:
- BT 100, typewriting-by-touch, or instructor’s permission

### BT 105: Records Management (5 credits)

Basic introduction to field of records management. Basic manual systems concepts are discussed, and concepts needed for understanding automated records storage and retrieval methods are introduced. Discussion of micrographics is included. Hands-on use of a computerized database for records retention and retrieval.

### BT 106: Pricing/Transcription (5 credits)

Develops entry-level machine transcription skills with emphasis on mailable copy; applies principles of correct spelling, punctuation, and proofreading while transcribing materials representing different types of business correspondence. Materials are transcribed using word processing and transcription equipment.

#### Prerequisites:
- BT 101 and BUS 104 (or concurrent enrollment), or instructor’s permission

### BT 107: Introduction to Microsoft Office (5 credits)

Introduces students to the Windows environment and to the Microsoft Office software program. Uses practical problems to illustrate personal computer applications including database, spreadsheets, presentation graphics, word processing and telecommunications (E-mail and Internet).

#### Prerequisites:
- BT 100 or equivalent

### BT 108: Job Search and Professional Development (5 credits)

This course provides the opportunity to develop skills, attitudes, and practices that enable a person to be effective and successful in searching for a job. This course concentrates on areas of development that are essential but often left out of professional curricula. Areas of study include first impressions, clothing basics, presentation communication, personal profile, job search (resumes, application letters, portfolios, and interviews), and financial planning. Recommended: students should enroll in this class within the final two quarters of their degree or certificate program.

### BT 109: Customer Service (5 credits)

Theory and skills relating to internal and external customer service. Elements of service culture, behavioral styles, verbal and nonverbal communication, telephone techniques, difficult customers, diversity, customer loyalty, and service recovery.

#### Prerequisites:
- Recommended: CL 101 or equivalent

### BT 110: Principles of Medical Insurance (5 credits)

Preparation and completion of medical insurance claims. Includes procedural and diagnostic coding; completion of forms including the HCFA 1500, CPT code book use; ICD-9-CM code book use; insurance form abbreviations; processing of claims through various carriers including Blue Cross/Blue Shield, Medicare, Medicaid, CHAMPVA/TRACARE, Worker’s Compensation, Disability Compensation, and HMOs’ payment reimbursement; HIPAA regulation application.

### BT 111: Diversity in Law and Ethics for Health Care Occupations (5 credits)

(D) An introduction to law and ethics as it relates to the medical office setting and patient-provider relationships. Components of cultural diversity and establishing a new culture in ambulatory health care are emphasized. The major theme of this course is to encourage students throughout each topic to be inclusive rather than exclusive or biased towards their co-worker relationships and provider-patient responsibilities. Course content includes: medical law, ethics, and bioethics; medical practice management; employees in ambulatory health care; legal guidelines and regulations for professional liability; physicians’ public duties and responsibilities for reporting vital statistics and public health statistics; patient informed consent including specific diversity issues of language, education, culture and religion; medical records, employment practices that are inclusive of all individuals and avoid discriminatory practices; allocation of scarce medical resources and how diversity perspectives shape current medical practice; examination from various cultural and religious perspectives on: genetic engineering, abortion, choices in life and death, and the process of death and dying.

### BT 112: Medical Office Reception (3 credits)

Prepares the student to perform reception, telephone and administrative tasks in a medical front office setting. Scheduling theory and practice, telephone triage and transfer skills, and development of skills to facilitate the communication necessary between the front office staff and patients will be emphasized. Students will focus on the various jobs and responsibilities in a medical setting and how to operate standard office equipment. The physical makeup and maintenance of the patient’s medical records.
as well as confidentiality requirements pertaining thereto will be stressed along with a comprehensive overview of new (HIPAA - Health Insurance Portability and Accountability Act) and existing confidentiality regulations and their impact in a medical office.

Prerequisites: HLTH 100, BT 140.

**BT 183**
**Medical Data Management**
3
Introduction to computerized medical data management. Students will enter and edit patient registration information, schedule appointments, prepare electronic insurance claim forms, enter and edit payments and procedures including diagnostic and procedural codes, and prepare a variety of demographic and financial reports.

Prerequisites: BT 140, BT 180.

**BT 185**
**Diagnostic Coding**
5
Prepares the student to accurately code the diagnosis component of the HCFA 1500 claim form using ICD-9-CM (International Classification of Diseases, Ninth Revision, Clinical Manifestations). The diagnostic coder’s role is to translate written diagnoses into numeric and alphanumeric codes. The ICD-9-CM codes relate the disease, condition, complaint, sign, symptom or other reason for providing medical services, coding has become the required communication tool between the physician and commercial and government payers.

Prerequisites: BT 180

**BT 186**
**Procedural Coding**
3
Prepares the student to accurately code the procedural component of the HCFA 1500 claim form using CPT (Physician’s Procedural Terminology) and HCPCS coding systems. The procedural coder’s role is to translate written procedures into numeric and alphanumeric codes. CPT and HCPS codes communicate to providers, patients, and payers the procedures performed during a medical encounter.

Prerequisites: HLTH 100, BT 180.

**BT 217**
**Introduction to Word Perfect**
5
Introduces WordPerfect word processing software. Covers ways to create and revise, format, save and retrieve documents, file management, merging, typefaces, table feature, pagination, footnotes, find and replace, and use of multiple windows.

Prerequisites: BT 101 or instructor’s permission.

**BT 219**
**Introduction to Microsoft Word**
5
Introduces Microsoft Word processing software. Covers ways to create, revise, format, save and retrieve documents, use file management, merge, select typefaces, create and center tables; use pagination; select text; format footnotes; find and replace text and formats; and use multiple windows.

Prerequisites: CL 101 recommended.

**BT 223**
**Presentation Graphics**
3
Creation of successful, creative, attention-getting presentations using presentation graphics software. Includes how to make slide presentations using bulleted lists and outlines; use clip art draw objects; change text and fill color; add pictures from the Internet; add graphs and tables; scale, layer, and group clip art to create new clip art images; and use WordArt, orders, captions and speaker notes.

Prerequisites: BT 140 or BT 219 or CIS 100 recommended.

**BT 227**
**Advanced WordPerfect**
5
Presents advanced features of WordPerfect along with desktop publishing features and concepts. Specific areas of study include sorting, character and line formatting, line length, page formatting, newspaper and parallel columns, graphics, page layout, formatting with styles and macros, changing paper size, labels, using Draw and Text Art.

Prerequisites: BT 217 or instructor’s permission

**BT 229**
**Advanced Microsoft Word**
5
Continuation of MS Word software. Presents advanced features of Word along with desktop publishing features and concepts. Specific areas of study include advanced line formatting; formatting with templates and macros; adding borders, frames and pictures; using Microsoft Draw and Equation Editor; creating and sorting text in tables; creating charts; formatting text into columns; merging documents; and creating outlines and fill-in forms. These features will be incorporated with “hands-on” exercises.

Prerequisites: BT 219 or instructor’s permission.

**BT 240**
**Access**
5

Prerequisites: BT 140 or equivalent.

**BT 242**
**Excel**
5
Continuation of the Excel component of BT 140, Introduction to MS Office. Presents intermediate/advanced techniques using Microsoft Excel. Emphasis on creating professional-looking workbooks, using templates, creating multiple worksheets and using functions.

Prerequisites: BT 140 or equivalent.

**BT 248**
**Advanced Legal Office Procedures**
5
Presentation of the role of lawyers and law office staff in society today. Topics covered include ethics; structure and jurisdiction of the court systems; citation forms and the law library; docket; reminder systems; organizational and procedural perspective of the law office; filing of legal documents; and use of the Uniform System of Citations as a reference tool. Critical thinking skills in law office situations and use of the Washington Court Rules for legal citations will be learned and practiced.

Prerequisites: BT 115, BT 147, BT 162, BT 217 or BT 219, BUS 130, BUS 110 and BUS 220 or POL S 200 or instructor’s permission.

**BT 252**
**Internship**
1-4
On-the-job work experience in occupations directly related to student’s career choice. The internship reinforces the student’s training in the Business Technology program. Internships arranged with private industry, governmental agencies, and nonprofit organizations. May be repeated one time for credit.

Prerequisites: BT 101, BT 115, BT 162, BUS 110 (or concurrent enrollment), BUS 130 and instructor’s permission. Corequisites: BT 256.

**BT 256**
**Internship Seminar**
1
Discussion of human relations on the job. Increases human relations skills and competencies in preparation for a smooth and successful transition into the working world. May be repeated one time for credit.

Prerequisites: BT 101, BT 115, BT 162, BUS 110 (or concurrent enrollment), BUS 130 and instructor’s permission. Corequisites: BT 252.
BT 260
Integrated Microsoft Office 5
Students will create an original integrated Microsoft Office project using Word, Excel, Access, and PowerPoint. As the capstone class for the Microsoft Office Specialist Certificate, the completed project will be presented as a portfolio and an oral presentation.
Prerequisites: BT 140, BT 219, BT 229, BT 223, CIS 120 (formerly 214), and CIS 124 (formerly 240).

BT 261
Advanced Office Procedures 4
Office practice class which gives advanced students an opportunity to build and refine skills in office management, travel arrangements, human relations, telephone techniques, electronic scheduling, and keyboarding. Production is a realistic simulation of the work students will encounter in the field of business technology. Students will use integrated software to create databases, spreadsheets, word processing documents, presentation graphics projects, calendar scheduling, and e-mail.
Prerequisites: BT 115, BT 140, BT 219, BUS 104, BUS 110D (or concurrent enrollment), BUS 130 and instructor’s permission. Recommended: BT 162, BT 223, BT 229, BT 240, BT 242.

CHEMISTRY

Did you ever wonder why your blood clots so quickly or why rechargeable batteries eventually don’t recharge? How about why you swallow an aspirin for a pain in your foot, or why oil and water don’t mix? Have you ever asked what makes nonstick pans nonstick or why it is so difficult to find a cure for Alzheimer’s? A degree in chemistry will allow you to answer these and many other questions.

Chemistry is the central science; it overlaps with engineering, astronomy, biology, physics and geology. A degree in Chemistry opens doors to careers in medicine, research, teaching, forensics, engineering, biotechnology, and many others. An Associate of Science degree in Chemistry will prepare you for transfer to a university as a junior working towards a bachelor’s degree. Many have gone on to earn an M.S. or Ph.D. in chemistry. Chemistry is also a required prerequisite for many programs like biology, nursing, engineering, physics, etc. Everett Community College offers several different chemistry classes that will help prepare you for an exciting career in the sciences.

Come see a Chemistry advisor today to talk about a major in Chemistry at EvCC!

Faculty Advisors:
A. Brackett 425-388-9039 abrackett@everettcc.edu
M. Kontulis 425-388-9136 mkontulis@everettcc.edu
S. Singh 425-388-9373 ssingh@everettcc.edu

CHEM 098
Introduction to Chemistry 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 140-160 series. Not intended for students with a recent course in high school chemistry. This course does not meet the prerequisites for the nursing program. Those students should enroll in CHEM 101 instead.
Prerequisites: MATH 065 with a C or higher, concurrent enrollment in MATH 065, or placement into MATH 140. ENGL 098 with C or higher, or concurrent enrollment in ENGL 099, or eligible for ENGL 101.

CHEM 100
Chemistry in Our World 5
(NS-L) Introductory lab science course for non-science majors. Themes vary from quarter to quarter and may include the applications of Chemistry in Art, Medicine, Pharmaceuticals, or the Environment. Check the quarterly schedule for the specific themes. Not recommended as a preparatory course for General Chemistry or for Allied Health Professions.
Prerequisites: ENGL 098 with grade of C or higher; and MATH 017 with grade of C or higher, or placement into MATH 027.

CHEM 101
College Chemistry I 5
(NS-L) Atomic structure, chemical bonding; nomenclature, states of matter; solutions, acids, bases and salts; reaction rates and chemical equilibrium. For students majoring in liberal arts, nursing, pre-occupational therapy, and dental hygiene. Not recommended for students planning to continue beyond CHEM 102; see CHEM 140 series.
Prerequisites: ENGL 098 with grade of C or higher; and MATH 022, MATH 028 or MATH 055 with a grade of C or higher; or placement into MATH 065.

CHEM 102
College Chemistry II 5
(NS-L) Structure, nomenclature, and reactions of organic compounds, introduction to biochemistry.
Prerequisites: CHEM 101 or CHEM 140 and ENGL 098 with grade of C or higher or instructor’s permission.

CHEM 140
General Chemistry I with Laboratory 5.5
(NS-L) Properties of matter, nomenclature, reactions, stoichiometry, gases, thermochemistry, and atomic structure. For pre-medicine, pre-dentistry, pre-veterinary medicine, pre-pharmacy, and all engineering and science majors.
Prerequisites: MATH 065 or equivalent. CHEM 098 with a C or higher, OR one year of high school chemistry with a C or higher within the last three years OR pass the chemistry placement test, OR completion of MATH 153 with a B+ or higher. ENGL 098 with a grade of C or higher or concurrent enrollment in ENGL 098, or eligible for ENGL 101.

CHEM 150
General Chemistry II with Laboratory 5.5
(NS-L) Atomic periodicity, chemical bonding theories, solid and liquid states and solutions.
Prerequisites: CHEM 140 with grade of C or higher or instructor’s permission.

CHEM 160
General Chemistry III with Laboratory 5.5
(NS-L) Reaction rates and equilibrium, acid-base equilibria, solubility equilibria, thermodynamics, electro chemistry and nuclear chemistry.
Prerequisites: CHEM 150 with grade of C or higher or instructor’s permission.

CHEM 200
Organic Chemistry I 6
(NS-L) Chemistry of carbon compounds, with emphasis on structure, nomenclature, reactions, mechanisms, and synthesis of main types of organic compounds.
Prerequisites: ENGL 098 with grade of C or higher, and CHEM 160, or CHEM 150 with instructor’s permission.

CHEM 201
Organic Chemistry II 6
(NS-L) Chemistry of carbon compounds, with emphasis on structure, nomenclature, reactions, mechanisms, and synthesis of main types of organic compounds.
Prerequisites: CHEM 200 with grade of C or higher.
CHEM 202
Organic Chemistry III
(6) (NS-L) Chemistry of carbon compounds, with emphasis on structure, nomenclature, reactions, mechanisms, and synthesis of main types of organic compounds.
Prerequisites: CHEM 201 with grade of C or higher.

CHICANO STUDIES
CHST 105D
Introduction to Chicano/Mexican-American Culture
(5) (H, D) Introduction to the dominant historical, cultural and political themes that characterize the Chicano/Mexican-American experience. Through the study of history, current events and literature, students will be able to articulate the diversity within the largest ethnic group among Latinos within the United States as well as the dominant themes that characterize the lives of Mexican-Americans.

CHINESE
Contact: Communication and Social Sciences Division office
C. Wamsley 425-388-9387 cwamsley@everettcc.edu

CHIN 101, 102, 103
Elementary Chinese I, II, III
(5 each) (H) Beginning sequence of courses to practice functional elements of Mandarin Chinese pronunciation, grammar, vocabulary, and sentence patterns in the context of practical conversational Chinese with correct understanding of cultural and social background. The Chinese writing system is taught from early stage to provide total experience of the language.
Prerequisites: None for CHIN 101; CHIN 101 or instructor’s permission for CHIN 102; CHIN 102 or instructor’s permission for CHIN 103.

COMPUTER INFORMATION SYSTEMS
Students interested in computer studies have several options, which are described below.

One option is to pursue the Associate of Science degree for the purpose of preparing for transfer to a university to major in computer science. This degree enables a student to complete many of the math and science prerequisites for the major, as well as some of the general education requirements. The Associate of Science is intended only for transfer and does not provide specific technical training for immediate employment. While some of the courses in Computer Information Systems may be of interest and value to the student, the transfer student will focus primarily on math and science courses. The Associate of Science degree is described in the Graduation Requirements section of the catalog.

Students interested in transferring to a university with a major in computer information systems, or a related area, may pursue the Associate of Applied Science - Transfer in consultation with a faculty advisor. The AAS-T degree enables students to complete a highly focused 90-credit technical program that meets transfer requirements at selected universities.

Another option is to follow the requirements for an Associate in Technical Arts Degree (ATA) in Information Technology, as well as certificates in web design, database management, casino gaming systems, and computer support.

Curriculum guides for these programs are available in the Enrollment Services Office and from program advisors. A complete list of Computer Information Systems course descriptions follows. Additional credit may not be earned for the same course taken under a different title or course number.

Faculty Advisors:
L. Lien 425-388-9402 llrien@everettcc.edu
A. Moser 425-388-9127 amoser@everettcc.edu
R. White 425-388-9012 rwhite@everettcc.edu

CIS 100
Introduction to Computers
(5) An introduction to computers and information systems in preparation for career opportunities in the computer and computer related fields. Introductory level exposure to commercial software including word processing, spreadsheets, databases and presentation software. Use of the Windows environment and file management is emphasized. The Internet is also demonstrated.

CIS 104
Introduction to Computer Careers
(5) An introduction to computers and information systems in preparation for career opportunities in computer fields. Introduction to operating systems, network environments and basic programming as well as the hardware and software areas of computer science. Designed primarily for students majoring in computer information systems.

CIS 108
Introduction to Operating Systems
(5) Introductory course focusing on the fundamentals of computer operating systems and the user interface. Operating system topics include: terminology, file management, general commands, command syntax and basic batch files.
Prerequisites: CL 101 or instructor’s permission. Completion of RSS 104 with grade of C or higher, or assessment score in reading indicating student is college ready.

CIS 115
Introduction to the World Wide Web
(5) Overview of the World Wide Web with emphasis on finding, sharing, and evaluating information, using search tools, developing techniques, and understanding basic HTML components. Co-listed as LIBR 120. Credit cannot be earned in both CIS 115 and LIBR 120.

CIS 117
Introduction to Computer Networking
(5) Provides an introduction to computer networks including both theory and practical experience. Topics will include topologies, cabling, terminology, network protocols, IEEE and other network standards. Emphasizes fundamentals of server/client, wired and wireless network installation and management.
Prerequisites: CL 101 or instructor’s permission. Completion of RSS 104 with grade of C or higher, or assessment score in reading indicating student is college ready.

CIS 120
Introduction to Computer Spreadsheets using MS Excel
(5) Introduction to Microsoft Excel Spreadsheets concepts and methods. Emphasis on spreadsheet design, formatting, calculating formula and functions, charting and linking.
Prerequisites: CIS 100 or file management skills using the computer operating environment.

CIS 122
LAN Architecture - Design, Concepts and Implementation
(5) Presents the concepts and configuration skills involved in designing, installing, and maintaining a Cisco switched Local Area Network. Layers 1 and 2 of the OSI model will be emphasized. Lab work will focus on using hubs and switches to create a segmented network. Cisco Internet Operating System command line configurations will be used extensively.
Prerequisites: CIS 117 or instructor’s permission.
CIS 124
Introduction to Database Design 5
Introduction to database design and data analysis. Emphasis is on general database theory and accurate database design using normal forms and usage dependent normal forms. Data analysis will explore provably correct data structures.
Prerequisites: CL 101 or instructor’s permission.

CIS 126
Relational Database Management Systems 5
Converting Relational Data Models to physical databases using SQL Server and Access. Basis Structured Query Language (SQL) will be used for inserting, updating, deleting and retrieving records. Tuning database structures for optimum response using dependent fourth- and fifth-normal forms.
Prerequisites: CIS 124 with a grade of C or higher.

CIS 128
Advanced Database Programming 5
Advanced topics in database using SQL, including select, delete, update, joins, unions, inserts, and stored procedures. Ability to import, extract, update, and maintain multiple tables will be covered. Security issues such as privileges will also be covered.
Prerequisites: CIS 126 with a grade of C or higher. CP 110 with a grade of C or higher.

CIS 150
Introduction to Telecommunications 5
History and fundamentals of telecommunications technology. Current industry overview including standards, protocols, and emerging technologies used for voice and data communications.
Prerequisites: Completion of RSS 094 with a grade of C or higher or placement into RSS 104.

CIS 152
Basic Electronics and Electricity 5
Basic fundamentals of electricity and electronics. Includes alternating and direct current theory, identification of commonly used electronic components, reading schematics, applying circuit laws and determining power (Ohm, Kirchoff and Watt). Use of measuring equipment, such as voltmeters, ohmmeters and oscilloscopes is included.
Prerequisites: Completion of RSS 094 with a grade of C or higher, or placement into RSS 104.

CIS 155
Copper Communications Cable 5
Fundamentals of Structured Premise Cabling Systems. Students will install copper communications cabling and equipment according to layout plans, connecting units with inside and outside service wires.
Prerequisites: CL 101 or instructor’s permission. Completion of RSS 104 with grade of C or higher, or assessment score in reading indicating student is college ready.

CIS 161
PC Technician – I 5
Focus will be on primary hardware and operating system features, types, and components for PCs and laptops as related to the A+ Certification Test. Includes identifying, replacing, and upgrading hardware and software components; preventive maintenance; documentation of service, and customer satisfaction.
Prerequisites: CL 101 or equivalent and CIS 108 or equivalent, or instructor’s permission. Completion of RSS 104 with grade of C or higher, or assessment in reading indicating student is college ready.

CIS 162
PC Technician – II 5
Advanced topics in PC operating systems and environments with an emphasis on gaining technical expertise in troubleshooting, problem solving, installation, and maintenance of a PC’s operating system and operating environments as related to the A+ certification test.
Prerequisites: CIS 108 and CIS 161, or instructor’s permission.

CIS 190
Seminar 1-3
This seminar will be used to teach various subjects in the field of computer science and programming. Subjects will be current and emerging technologies in these fields and are not in the published curriculum. May be repeated two times for credit.

CIS 195
Computer Careers Internship 3-5
Provides students with a safe, supervised work environment to apply their academic skills. This allows the student to put into practice administrative and technical skills, to foster professional growth, and to gain self-confidence directly associated with certification and/or the degree focus of the student. May be repeated two times for credit.
Prerequisites: CIS 161 or CP 120 or CIS 124 or instructor’s permission.

CIS 203
Writing Documentation 3
(C) Writing memorandums, business letters, and technical reports. Includes study of tone, style, unity, audience, and purpose in business and technical communication. Co-listed as ENGR 231 and ENGL 202. Credit can be earned in only one of the following courses: CIS 203, ENGR 231 or ENGL 202.
Prerequisites: ENGL 101 with a grade of C or higher.

CIS 210
Application Technical Support 5
Familiarizes Information Technology students with the applications of the Microsoft Office Suite from both user and administrator perspectives and prepares them to offer technical support based on this enhanced understanding. Examines the major components of Office Suite and addresses the support issues seen by most Information Technology workgroups. Students will learn what they can reasonably expect to encounter in day-to-day support and teaches them to think like a user in order to solve user-level support issues such as customer satisfaction and listening skills.
Prerequisites: CIS 162.

CIS 214
Casino Gaming Systems Technician 5
This concentrated course includes hands-on experience. It will focus on advanced hardware and software features, including installation and configuration of vendor-specific slot-gaming devices, identifying, replacing, and upgrading components, preventive maintenance, documentation of service, slot gaming laws/policies, and guest satisfaction.
Prerequisites: CL 101, CIS 117, CIS 155, CIS 161, and CIS 162, or instructor’s permission.

CIS 222
WAN Architecture - Design and Implementation 5
Presents the theory and skills relating to Wide Area Networks (WANs). Connecting multiple Wide Area Networks to create a large network environment is emphasized. Advanced TCP/IP configuration and implementation are major topics. Cisco IOS commands, router configuration and support issues are studied extensively in the lab. This course builds on CIS 122 with practical experience gained on Cisco routers and other communication devices.
Prerequisites: CIS 117 and CIS 122 or instructor’s permission.
CIS 224
Network Server Administration  
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.
Prerequisites: CIS 195 or instructor's permission.

CIS 226
Advanced Network Administration  
Theory and skills relating to administration of enterprise level networks. Area of study covers both Local and Wide Area Network management. Topics include Internet connectivity, Internet protocols, physical and logical organization of large networks, installation and management of network services such as web servers, e-mail servers, Client/Server databases, proxy servers and firewalls. Students gain hands-on experience with network servers, server services, routers, and remote access services.
Prerequisites: CIS 224

CIS 228
Computer Information Security  
The course presents the principles of information security. It examines the field of information security to prepare information systems students for future roles as business decision-makers. Both the managerial and the technical aspects of the discipline are explored and it addresses knowledge areas of the CISSP (Certified Information Systems Security Professional) certification. Included are a variety of issues 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 strategy are discussed. The course offers extensive opportunities for hands-on experience with security software tools.
Prerequisites: CIS 162 and CIS 224, or instructor's permission.

CIS 255
Fiber Optical Communications Cable  
Fundamentals of optical transmission theory. Basics of connecting, splicing, routing, and testing of fiber optic cable including use of fiber optic test and installation devices with a hands-on approach. Introduction to the application of optical fibers in LAN and WAN environments and telephony applications.
Prerequisites: CIS 155 or instructor's permission.

CIS 280
Systems Analysis and Project Management  
Required for all students in the CIS/CP programs. The emphasis is on the system development life cycle and project management. A project is planned through the stages leading to implementation. Feasibility studies, Gantt and Pert charts are used as well as tools to develop an understanding of the steps in planning and designing a project, whether for programming, networks, hardware, applications or web.
Prerequisites: CL 101 or instructor's permission. Completion of RSS 104 with grade of C or higher, or assessment score in reading indicating student is college ready.

CIS 295
CIS Advanced Internships  
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 Information Systems courses. Internships are arranged with private industry, governmental agencies and non-profit organizations. Internships may be paid or unpaid as available.
Prerequisites: CIS 195 or instructor's permission.
**COMPUTER LITERACY**

Faculty Advisors
- L. Lien 425-388-9402 lien@everettcc.edu
- T. Markovich 425-388-9241 tmarkovich@everettcc.edu

**CL 101 Computer Literacy**
- Introduces students to the Windows environment and to the Microsoft Office software program. Focus on file management. Uses practical problems to illustrate personal computer applications including database, spreadsheets, presentation graphics, word processing, email and internet.

**CL 102 Using the Computer and Managing Files**
- Provides an 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; 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 103 Word Processing**
- 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**
- Provides an 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**
- Provides an 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 Presentations**
- Provides an overview of PowerPoint. Includes creating, formatting, modifying, and preparing presentations using different slide layouts. Other PowerPoint concepts introduced 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 Fundamental Concepts of Basic Computer Systems**
- Focus is on providing an 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.

**CONTINUING EDUCATION**

A variety of credit and non-credit workshops, special classes, and seminars meet the training needs and personal enrichment interests within the community. These courses are especially designed to assist in furthering personal interests, upgrading technical skills, advancing career goals, or accommodating individual needs for continuing education. Call 425-267-0150 for the latest offerings. Topics include but are not limited to:

- Arts & Crafts
- Building Codes
- Business Success
- Buying/Selling/Building Your Own Home
- Caregiving
- CATIA
- Certification/Licensing
- Commercial Driver License Training
- Communications
- Computer Skills Training
- Computer Software Workshops
- Cooking
- CPR
- Creative Writing
- Financial Management
- Flagger Certification
- Geographic Information Systems
- Health & Wellness
- Home & Garden
- Hypnosis/Hynotherapy
- Medical and Health Fields
- Medical Coding
- Medical Transcription
- Music
- Online Classes
- Personal Interests
- Phlebotomy
- Photography
- Real Estate
- Recreation and Fitness
- Supply Chain Management
- World Languages & Travel

**COSMETOLOGY**

The Cosmetology and Instructor Trainee curriculum is offered through the Science, Math and Occupations Division.

The 1730-hour Cosmetology Program is made up of three subdivisions: hair care, skin care and nail care services. Everett Community College’s requirement for licensing is 1730 hours. The curriculum prepares the prospective cosmetologist for the Washington State Examinations. Classes operate on a seven-hour-per-day schedule: M, T, W, F: 8 a.m.-4 p.m.; TH: 12-8:00 p.m.

The program provides experience in customer services such as shampooing, hair lightening, permanent waving, thermal hair styling, coloring, wet styling, manicuring, pedicuring, chemical relaxing, trimming of facial hair, facials, makeup, temporary hair removal and styling and maintenance of artificial hair. Student internship is available as part of the training.

Notice to students: Because many chemical sprays and airborne pollutants are found in this occupation, students are advised to consult their physicians as to possible problems (i.e., allergies, asthma, dermatitis, etc.) before enrolling.

Admission to the Cosmetology Program is open to anyone who has a high school diploma or equivalent.

Students can pursue a certificate or ATA degree in the Cosmetology Program.
The courses below are for cosmetology only.

Faculty Advisors:
T. Evans 425-388-9340 tevans@everettcc.edu
V. Welch 425-388-9342 vwelch@everettcc.edu

COSMT 110 Trichology, Dermatology and Onychology 5
Introduction to the study of hair, skin and nails and their function, structure and characteristics. Care and treatment of hair, skin, and nail diseases and disorders. Special emphasis on sterilization and sanitation principles and methods. May be repeated one time for credit.
Prerequisites: Instructor’s permission. Corequisites: COSMT 201, COSMT 202, or COSMT 203.

COSMT 111 Salon Management 5
Basic overview of salon business operations, including marketing strategies, financial control, factors affecting salon culture, insurance, business laws and health regulations. Special emphasis is placed on examining a variety of local salons.
Prerequisites: Instructor’s permission. Corequisites: COSMT 201, COSMT 202, or COSMT 203.

COSMT 112 Salon Safety, Chemistry, Electricity and Physiology 5
Includes methods of decontamination, universal precautions and responsibilities of a salon professional. Types and classifications of bacteria, safety measures in the use and storage of chemicals. Basic background in chemistry theories, processes and product ingredients as they relate to the cosmetology industry. Special emphasis on OSHA chemical hazard information. Basic anatomy, physiology and types of electricity will also be covered. Training in First Aid and CPR.
Prerequisites: Instructor’s permission. Corequisites: COSMT 201, COSMT 202, or COSMT 203.

COSMT 114 Advanced Haircutting and Styling I 4
Advanced principles in long hair styling, recognizing facial shapes and makeup techniques. Hair pressing procedures and proper techniques in cutting excessively curly hair. Practice procedures in cleaning and styling artificial hair. Students will advance their skills by practicing on models and mannequins.
Prerequisites: Instructor’s permission. Corequisites: COSMT 201, COSMT 202, or COSMT 204.

COSMT 115 Advanced Haircutting and Styling II 4
Review of haircutting fundamentals, introduction to new concepts and systems, and selecting cuts suitable to client features, body types and profiles. Special emphasis placed on current salon trends and industry demands in haircutting, thermal styling, wet styling and uses of styling aids. Mustache, beard trimming, eyebrow and nose hair trimming will also be covered. Students will advance their skills by practicing advanced haircutting and styling techniques on models and mannequins.
Prerequisites: Instructor’s permission. Corequisites: COSMT 202, COSMT 203, or COSMT 204.

COSMT 116 Advanced Chemical Services 4
Advanced hair coloring, permanent waving and hair straightening services. Detailed instruction in chemical service theory, concepts, categories and chemistry with special emphasis on safety and procedure. Students will practice advanced chemical service techniques on models and mannequins.
Prerequisites: Instructor’s permission. Corequisites: COSMT 202, COSMT 203, or COSMT 204.

COSMT 120 Cosmetology Compendium 2
Designed for the fifth quarter student preparing for the Washington State Cosmetology Licensure Exam. Provides theoretical review of facts from previous Cosmetology courses in preparation for in-house computerized exams before applying for Washington State Board examinations.
Prerequisites: Instructor’s permission; COSMT 110-116, COSMT 204; 1,330 clock hours.

COSMT 124 Instructor Trainee 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.
Prerequisites: Instructor’s permission; one year full-time work experience within last three years. Corequisites: COSMT 240.

COSMT 125 Instructor Trainee Theory II 3
Preparation to teach in cosmetology clinic classroom. Practice in teaching and evaluating student performance skills and safety, and preparation for record keeping for front desk and dispensary. Prepares student for the Washington State Licensure Exams.
Prerequisites: Instructor’s permission; one year full-time work experience within the last three years. Corequisites: COSMT 240.

COSMT 201 Cosmetology Lab & Shop Practice I 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/treatment, nail care, haircutting, wet styling, thermal styling, permanent waving, chemical relaxing, hair coloring and skin care, safety measures and decontamination control. Students practice on models, mannequins, and each other.
Prerequisites: Instructor’s permission. Corequisites: COSMT 110, COSMT 111, or COSMT 112.

COSMT 202 Cosmetology Lab & Shop Practice II 9-12
Continuation of supervision in services performed by cosmetologists. Students practice on models, mannequins and each other. Regular clientele enables students to have salon experience while training. Provides practical experience for students under close supervision of an instructor. Emphasis placed on quality of work while meeting industry target time.
Prerequisites: Instructor’s permission; COSMT 201; 300 clock hours.

COSMT 203 Cosmetology Lab & Shop Practice III 9-12
Continuation of supervision in services performed by cosmetologists. Students practice on models, mannequins, and each other. Regular clientele enables students to have salon experience while training. Provides practical experience for students under limited supervision of an instructor. Emphasis is placed on quality of work while meeting the industry target time.
Prerequisites: Instructor’s permission; COSMT 202; 600 clock hours.
COSMT 204
Cosmetology Lab & Shop Practice IV
Continuation of supervision in services performed by cosmetologists. Students practice on models, mannequins and each other. Regular clientele enables students to have salon experience while training. Provides practical experience for students under close supervision of an instructor. Emphasis placed on quality of work while meeting industry target time.
Prerequisites: Instructor’s permission; COSMT 203; 900 clock hours. Corequisites: COSMT 114, COSMT 115, or COSMT 116.

COSMT 205
Cosmetology Lab & Shop Practice V
Continuation of supervision in services performed by cosmetologists. Students practice independently on models, mannequins and each other. Regular clientele enables students to have salon experience while training. Emphasis placed on quality of work while meeting industry target time. Optional internship is available.
Prerequisites: Instructor’s permission; COSMT 204; 1,200 clock hours.

COSMT 206
Cosmetology Lab & Shop Practice VI
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. May be repeated one time for credit.
Prerequisites: Instructor’s permission; COSMT 205; 1,400 clock hours.

COSMT 240
Instructor Trainee Lab
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. May be repeated one time for credit.
Prerequisites: Instructor’s permission; one year full-time work experience within the last three years. Corequisites: COSMT 124 or COSMT 125.

CRIMINAL JUSTICE
The objective of the Criminal Justice Program is to prepare students for a career in law enforcement and to promote the ideal of professional public service conduct.

The department offers three degree options, two of which lead to Associate in Technical Arts degrees in Corrections or Law Enforcement (career preparation) and one Associate in Arts and Sciences – Option II (for transfer to a four-year college or university). All options emphasize oral and written communications maximizing articulation skills, and include general education courses and specialized courses in law enforcement.

Generally, a person seeking employment with a criminal justice agency must be a citizen of the United States, at least 21 years of age at the time of employment, and in excellent mental and physical condition. Persons with a history of criminal conduct, drug or alcohol abuse, or objectionable character traits may be disqualified from employment.

Faculty Advisor:
S. Robinson 425-388-9517 srobinson@everettcc.edu
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 170**  
Introduction to Natural Resources Law Enforcement  
History and philosophy of natural resources law enforcement and management practices, and 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.  
Prerequisites: CRM J 101.

**CRM J 175**  
Introduction to Homeland Security  
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.  
Prerequisites: Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101.

**CRM J 176**  
Homeland Security II  
An 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.  
Prerequisites: Completion of ENGL 098 or eligibility for ENGL 101. Completion of CRM J 175.

**CRM J 201**  
Criminal Law  
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.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 202**  
Criminal Evidence  
Identifies 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 studied.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 203**  
Laws of Arrest, Search, and Seizure  
Constitutional restrictions and statutory limitations on governmental powers of arrest, search and seizure, particularly as they relate to Washington State.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 204**  
Juvenile Law and Procedure  
Provides an in-depth perspective and understanding of the juvenile justice system. The impact the system has on juveniles and on society will be examined with an emphasis on related issues (gangs, drugs, and mobility). The historical and philosophical basis for the juvenile justice system will be examined.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 209**  
Narcotics and Dangerous Drugs  
Basic orientation to drug laws and the classification of drugs. Symptoms of drug abuse and commonly used paraphernalia are examined. The class explores trade routes, drug production, pharmacology, as well as the global and national impact of drugs.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 211**  
Child Abuse Investigation  
Historical overview of society'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.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 213**  
Police Report Writing  
Introduction to writing modern law enforcement reports. Includes techniques of writing in a clear, concise and accurate manner, the use of standard police forms, and the rules of disclosure.  
Prerequisites: Completion of CRM J 101 through CRM J 105; completion of ENGL 101 with C or higher.

**CRM J 214**  
Communications for the Criminal Justice Professional  
An overview of effective communication processes for criminal justice professionals including verbal and non-verbal communication, interviewing and interrogation methods, courtroom demeanor.  
Prerequisites: CRM J 101 through CRM J 105 or permission of Criminal Justice Coordinator. Completion of ENGL 098 or eligibility for ENGL 101.

**CRM J 215**  
Professional Development  
Prepares students for a career in the criminal justice system. It includes instruction in self-discipline, teamwork, stress avoidance, ethics and physical, emotional, and mental fitness. Students are exposed to realistic career goals within the criminal justice system, and are advised how to pursue those opportunities.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 216**  
Police-Community Relations  
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.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 220**  
Homicide Investigation  
Mechanics of conducting a criminal investigation of a homicide (the killing of one person by another). It includes techniques of identifying the victim, establishing the time of death, determining the cause and method used to produce death, and explores the means of developing a suspect. Specialized crime scene techniques are examined: collection and preservation of evidence, blood spatter analysis, and criminal personality profiling.  
Prerequisites: Completion of CRM J 101 through CRM J 105.

**CRM J 230**  
Advanced Defensive Tactics  
Review and apply Level 1 counter-joint holds, Level 2 counter offensive strikes, kicks, and take downs. Use of impact weapons (straight baton,) weapon retention and edged weapon defense.  
Prerequisites: CRM J 111 and permission of the Criminal Justice Coordinator.
CRM J 231
Advanced Firearms 2
Familiarization with firearms; firearms safety and range procedure; target identification; move and shoot exercises; barricade and off-hand shooting; timed and shoot/don’t shoot drills; alternate weapon shooting. NOTE: Anyone legally barred from possessing a firearm is ineligible for this course.
Prerequisites: CRM J 101, CRM J 112, and permission of the Criminal Justice Coordinator.

CRM J 250
Cooperative 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.
Prerequisites: CRM J 101 and permission of the Criminal Justice Coordinator.

CRM J 251
Cooperative 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.
Prerequisites: CRM J 101 and permission of the Criminal Justice Coordinator.

CRM J 252
Cooperative 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.
Prerequisites: CRM J 101 and permission of the Criminal Justice Coordinator.

CRM J 256
Cooperative Work Experience Seminar 1
Seminar to support supervised field work for Criminal Justice majors in local law enforcement agencies. Students will discuss their field experiences, observations, and perceptions with their course peers. Includes employment opportunities and job search skills relevant to law enforcement careers. May be repeated two times for credit.
Prerequisites: CRM J 101 and permission of the Criminal Justice Coordinator. Corequisites: CRM J 250, CRM J 251, or CRM J 252.

ECE 120D
Child Development 5
(D) Study of physical, social, emotional and cognitive development of children from prenatal to age eight. Provides students with a knowledge base for planning early childhood curriculum appropriate to the child’s developmental level. This course includes laboratory requirements.

ECE 121
Observation Techniques 3
Describes observation and recording techniques that support teachers of young children move toward the goal of understanding children’s behavior. Explores how to gather and use data to understand the child’s developmental levels. This course includes lectures and laboratory requirements.

ECE 123
Methods of Teaching Young Children 5
History and theory of teaching and learning is presented. Focus on the role of the teacher/adult and appropriate methods of teaching young children. This course includes laboratory requirements.

ECE 125
Health, Safety and Nutrition in Early Childhood 3
Introduction to current health, safety and nutritional issues, which impact children enrolled in early childhood programs. Emphasis on preventative health, safety procedures, child abuse detection and reporting, nutritional concepts and related activity planning.

ECE 126
Child Care Center Administration 5
General principles and skills in the organization and management of child care centers. Focuses on licensing, scheduling, budgeting, record keeping, administration policy, staff training and supervision, program planning, parent relationships, communication skills and marketing.

ECE 127
Family Home Child Care Administration 3
Study of the current practices for establishing and operating family child care homes. Focuses on licensing, scheduling, budgeting, record keeping, administration policy, educational activities, equipment, and staff/parent relationships.

ECE 130
Introduction to Issues in Early Childhood Education 5
(TE) Focus of study in the historical and social foundation of Early Childhood Education. An overview of the field of Early Childhood Education, awareness and values issues, ethics, legal issues, staff relations, staff compensation, developmentally appropriate practice and professionalism within a cultural context. This course includes laboratory requirements.

ECE 131
Practicum Lab I 3
Laboratory experience to enable the student to develop personal and professional skills and practical knowledge. Students will be placed in an early childhood educational setting under the guidance of a faculty member.
Prerequisites: Instructor’s permission.

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.
Prerequisites: ECE 131 and instructor’s permission.
ECON 101
Understanding Economics 5
(SS) A survey course to help students better understand economic issues. Economic analysis of current events as a major activity. Not appropriate for DTA degree in Business Administration.

ECON 200
Principles of Macro Economics 5
(SS) Introduction to economic reasoning. Includes organization, operation, and control of the American economy; contemporary economic problems relating to inflation, unemployment, national income; taxation and effects of federal monetary and fiscal policies. Prepares students for upper-division Macro economic courses. ECON 101 may be substituted for ECON 200 in vocational/technical business degree programs.
Prerequisites: MATH 065 and ENGL 101 recommended.

ECON 201
Principles of Micro Economics 5
(SS) 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.
Prerequisites: MATH 065 and ECON 200 recommended but not required.

EDUC 101
Introduction to Education 5
(SS) 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 124
Home/School/Community 3
(TE) Study of the interrelationships between the family, school, and community and their influence on the development of the child, ages birth to eighth grade.
EDUC 145
Introduction to Special Needs Issues in Early Childhood and Elementary Education 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.

EDUC 165
Positive Guidance in Early Childhood and Elementary Education 3
Emphasizes the role of the teacher/caregiver in guidance of young children. Various positive guidance strategies are the focus of study. Weekly observations in a child care program and/or in educational setting are required.

EDUC 182
Service Learning 1-2
Service Learning combines the opportunity of volunteerism with academic applications of educational 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.

Prerequisites: Instructor’s permission and completion of EDUC 101.

EDUC 250, 251, 252
Education in Action 1-4 each
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.

Prerequisites: Instructor’s permission. Completion of or concurrent enrollment in EDUC 101. Corequisites: EDUC 256.

EDUC 256
Education in Action 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 101, EDUC 250, EDUC 251 and EDUC 252. May be repeated two times for credit.

Prerequisites: Instructor’s permission. Completion of or concurrent enrollment in EDUC 101. Corequisites: EDUC 250, EDUC 251 or EDUC 252.

EMERGENCY SERVICES
See also Fire Science
Emergency Services include Emergency Medical Technician and Fire Science classes. Participants in these programs must be in excellent physical condition and be able to perform the normal duties of a firefighter or EMT. Continuous physical conditioning is recommended throughout the programs. For further information about these programs send e-mail to fscience@everettcc.edu

Contact:
J. Kraske 425-388-9161 jkraske@everettcc.edu

EMS 151
Emergency Medical Technician Training 11
Designed to prepare participants in all phases of pre-hospital emergency care as needed for employment as an EMT with various emergency response agencies. Participants are eligible for the Washington State EMT-B examination and the National Registry examination upon successful completion of the course. An application is required prior to registration, including documentation of the following: successful Hepatitis B immunization, negative PPD (tuberculosis) skin test, high school or GED completion and current CPR card. 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.

Prerequisites: Instructor’s permission; approved class application.

ENGINEERING

Entrance to a university engineering department requires completion of specific lower-division courses and high grades. Students will find that EvCC’s small classes and opportunities for interaction with faculty, combined with rigorous coursework, will build their chances of success in reaching their engineering degree goals. Our faculty are in constant contact with university faculty to assure that the preparation students receive in EvCC’s engineering program is equivalent to that demanded by the universities. Students may alternatively complete an AS (Associate of Science degree).

Students may complete one of three discipline-specific pre-engineering pathways under the Associate of Science degree and transfer to a four-year college or university to complete a Bachelor of Science in the engineering field of their choice. Students may also complete the Engineering Technology Transfer pathway under the Associate in Arts and Science Option II degree if they intend to pursue a Bachelor of Science in an Engineering Technology discipline from Central, Eastern, or Western Washington University. Contact the Science, Math and Occupations Division, 425-388-9429.

Faculty Advisors:
E. Davishahl 425-388-9246 edavishahl@everettcc.edu
M. Kontulis 425-388-9136 mkontulis@everettcc.edu
A. Vanture 425-388-9556 avanture@everettcc.edu

ENGR 100
Engineering Graphics 4
(TE) Theory and application of instrumental drawing; technical lettering; sketching; geometric construction; representation of normal, inclined oblique, and cylindrical surfaces; sections; auxiliary views; and introduction to dimensioning, descriptive geometry, and CAD including 3-D modeling. Student-supplied drafting equipment is required.

Prerequisites: MATH 059 or one year of geometry, or previous drafting.

ENGR 101
Innovation in Design 5
(TE) Explores the role of creativity, teamwork, and communication in promoting innovative design. Develop knowledge and skills in all three areas through a series of hands-on projects and reflective activities. Students will work in teams to complete the projects and present their experiences and results through various communication formats. Credit cannot be earned in both BUS 102 and ENGR 101.

Prerequisites: ENGL 098 or placement into ENGL 101; or instructor’s permission.

ENGR 108
Engineering Orientation/Introduction to Vector Algebra 3
(TE) Introduction to engineering functions, professional responsibilities, and educational opportunities. Includes an introduction to analysis and solution of engineering problems using vector algebra. Scientific calculator required.

Prerequisites: MATH 147 (Pre-calculus) or instructor’s permission.
ENGNR 109
Engineering Orientation 2
(TE) Introduction to functions, professional responsibilities and characteristics of engineers. Speakers from industry and engineering colleges give presentations sampling the breadth of educational and professional options. Introduction to engineering functions through hands-on classroom activities.

ENGNR 110
Engineering Problem Solving 2
(NS) Introduction to analyses and solutions of engineering problems. Development of a systematic analytical problem solving approach applicable to all disciplines in engineering and science. Topics include unit systems, mathematics review, vector algebra and statistics. Scientific calculator required.
Prerequisites: MATH 147; or instructor’s permission.

ENGNR 120
Computational Tools 1
(NS) Introduction to computational tools for engineering, mathematics and science. Students are introduced to MATLAB, a powerful software application for technical computing. Topics include array and matrix manipulation, functions, file input/output, graphical analysis, statistical analysis, and basic script programming including loops and logical structures. No computer programming background required.
Prerequisites: MATH 147 or instructor’s permission.

ENGNR 123
Three-Dimensional Visualization and Computer-Aided Design 4
(NS) Methods of depicting three-dimensional objects and communicating design information. Emphasis is 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.
Prerequisites: MATH 059 or high school geometry or equivalent, or instructor’s permission.

ENGNR 142
Computer Programming for Engineers and Scientists 5
(NS, Q) Basic programming concepts used for solutions of engineering and science problems using the Java language. Topics include classes, object, methods; variables and types; conditional and iteration control structures; arrays; strings; collections and iterators.
Prerequisites: MATH 131, MATH 140 and CIS 100 with a grade of C or higher or equivalent preparation.

ENGNR 210
Statics 5
Prerequisites: MATH 152, ENGNR 120, and either ENGNR 110 or PHYS 121 or MATH 154; or instructor’s permission.

ENGNR 215
Fundamentals of Electrical Engineering 5
(TE) 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.
Prerequisites: MATH 154; PHYS 122; or instructor’s permission.

ENGNR 220
Mechanics of Materials 5
(TE) Introduction to mechanics of solids; stress, strain and their relationships; torsion; and bending.
Prerequisites: ENGRN 210; MATH 153 or concurrent enrollment; or instructor’s permission.

ENGNR 230
Engineering Kinematics and Dynamics 5
(TE) Kinematics and dynamics of particles; systems of particles; and rigid bodies including energy and momentum methods.
Prerequisites: ENGRN 210; MATH 153 or concurrent enrollment; or instructor’s permission.

ENGNR 231
Engineering Report Writing 3
(C) Writing memorandums, business letters, and technical reports. Includes study of tone, style, unity, audience, and purpose in business and technical communication. Co-listed as CIS 203 and ENGL 202. Credit can be earned in only one of the following courses: ENGRN 231, CIS 203 or ENGL 202.
Prerequisites: ENGL 101 with a grade of “C” or higher or instructor’s permission. Keyboarding skills recommended.

ENGNR 260
Thermodynamics 5
(TE) Introduction to the basic principles of thermodynamics from a predominantly macroscopic point of view. Development of the basic laws of thermodynamics by application to energy transformations and state changes in engineering problems.
Prerequisites: CHEM 150; MATH 153; PHYS 122; or instructor’s permission.

ENGNR 298
Engineering Design Project 1
(TE) Learn the engineering design process by conceptualizing a design project, and fabricating and testing a prototype. Design projects may be oriented toward regional design competitions and may be completed in teams or individually. Project requirements are tailored to student’s educational and practical experience level. May be repeated two times for credit, enabling students to pursue projects one to three quarters in duration.
Prerequisites: Instructor’s permission.

ENGRN 220
Mechanics of Materials 5
(TE) Introduction to mechanics of solids; stress, strain and their relationships; torsion; and bending.
Prerequisites: ENGRN 210; MATH 153 or concurrent enrollment; or instructor’s permission.

ENGRN 230
Engineering Kinematics and Dynamics 5
(TE) Kinematics and dynamics of particles; systems of particles; and rigid bodies including energy and momentum methods.
Prerequisites: ENGRN 210; MATH 153 or concurrent enrollment; or instructor’s permission.

ENGRN 231
Engineering Report Writing 3
(C) Writing memorandums, business letters, and technical reports. Includes study of tone, style, unity, audience, and purpose in business and technical communication. Co-listed as CIS 203 and ENGL 202. Credit can be earned in only one of the following courses: ENGRN 231, CIS 203 or ENGL 202.
Prerequisites: ENGL 101 with a grade of “C” or higher or instructor’s permission. Keyboarding skills recommended.

ENGRN 260
Thermodynamics 5
(TE) Introduction to the basic principles of thermodynamics from a predominantly macroscopic point of view. Development of the basic laws of thermodynamics by application to energy transformations and state changes in engineering problems.
Prerequisites: CHEM 150; MATH 153; PHYS 122; or instructor’s permission.

ENGRN 298
Engineering Design Project 1
(TE) Learn the engineering design process by conceptualizing a design project, and fabricating and testing a prototype. Design projects may be oriented toward regional design competitions and may be completed in teams or individually. Project requirements are tailored to student’s educational and practical experience level. May be repeated two times for credit, enabling students to pursue projects one to three quarters in duration.
Prerequisites: Instructor’s permission.

ENGINEERING TECHNOLOGY
See also Engineering
Faculty Advisors:
E. Davishahl 425-388-9246 edavishahl@everettcc.edu

ENG T 100
Engineering Graphics Fundamentals 4
Theory and application of engineering drawing; sketching and block lettering; geometric construction; representation of normal, inclined oblique, and cylindrical surfaces; standard, section and auxiliary views; dimensioning; and an introduction to designing with a 2D CAD system.
Prerequisites: MATH 059 or one year of high school geometry, previous drafting experience, or instructor’s permission.
ENG T 104  
**Electro-mechanical Blueprint Reading**  
Instruction in interpreting electro-mechanical blueprints per ANSI Y 14. Emphasis on practical applications of this standard as applied to reading, interpreting, and trouble-shooting with engineering drawings.

ENG T 105  
**Precision, Fits, Tolerancing & GD&T**  
Theory and application of dimensioning and tolerancing per ANSI Y 14.5M as used on engineering drawings. Use of standard tolerances in precision fit applications. Emphasis on practical applications of this standard as applied to design, production and inspection with a particular focus on the use of geometric dimensioning and tolerancing.

Prerequisites: ENG T 100, ENG T 108 and successful completion of MATH 030 or higher level math class.

ENG T 108  
**Engineering Graphics: 3D Modeling I**  
Fundamentals of design with an introduction to a 3D parametric CAD modeler in the preparation of designs and working drawings. Includes production, detail and assembly drawings with an introduction to bills of material. The use of standards parts such as fasteners is explored. A strong focus on industry standards is included concerning title blocks and proper placement of technical and administrative information. A team design project including mechanical details, parts lists, and assembly drawings is part of this course.

Prerequisites: ENG T 100 or equivalent including an introduction to CAD, or instructor’s permission.

ENG T 112  
**Pneumatic, Hydraulic, and Electrical Circuits**  
Introductory course examining practical applications using pneumatic, hydraulic and electrical components. Basic theories are discussed and typical hardware used in manufacturing is evaluated.

Prerequisites: MATH 030 or instructor’s permission.

ENG T 185  
**Introduction to CAD with CATIA v5**  
Introduction to parametric, three-dimensional modeling using CATIA (v5). 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.

Prerequisites: ENG T 100 or equivalent with an introduction to CAD, or instructor’s permission.

ENG T 198  
**Intermediate CAD with CATIA v5**  
Explores the techniques for using CATIA v5 to produce working level engineering drawings. Detail and assembly drawings are created with attention focused on proper views, text, dimension, tolerances, bills of material, borders and title blocks. Weldments, flat patterns and other special practices are also examined.

Prerequisite: ENG T 185.

ENG T 201  
**Applied Statics**  
Study of forces acting on structures at rest: free-body diagrams, trusses, friction and related material which may include hydrostatic pressures and loads, cables and arches. Scientific calculator required.

Prerequisites: MATH 030 or instructor’s permission.

ENG T 202  
**Applied Strength of Materials**  
Analysis of tension, compression, shear, deformation, torsion, stress, and deflection of members including beams and columns; also includes connections and use of codes, tabular data, and construction materials commonly used in architectural and engineering design. Scientific calculator required.

Prerequisites: ENG T 201 or instructor’s permission.

ENG T 203  
**Computer-Aided Drafting: AutoCAD**  
An examination of the powerful tools used in AutoCAD for the efficient creation of engineering drawings. Includes instruction on the proper use of layers and paper space; the creation and effective use of layers; how to use blocks, symbols and X-references to reduce drawing time; the making of attributes and the means of extracting attribute information for generation of bills of materials and other documentation; and the techniques for drawing illustrations using AutoCAD’s isometric tools.

Prerequisites: ENG T 100 including an introduction to CAD or instructor’s permission.

ENG T 210  
**Civil Planning**  
Fundamental concepts of civil planning. Lectures cover the processes required for the conversion of a piece of undeveloped land to a finished development project. Topics to include engineering and surveying process for land development and local government functions as applied to planning and regulations of land design. Scientific calculator required.

Prerequisites: ENGNR 100; MATH 131 or instructor’s permission.

ENG T 229  
**Drafting and Design II**  
Second in series of design courses to include electro-mechanical packaging or light mechanical design and an introduction to schematic and printed wiring board layout. Fundamentals of symbology and their applications are presented. Team assembly project and redesign of existing project which may include layout of printed wiring board (PCB). Manufacturing processes and industry standards will be included. Emphasis on the design process, written and verbal communication skills, and independent research.

Prerequisites: ENG T 201 or either ENG T 203 or ENGNR 123, or instructor’s permission.

ENG T 230  
**Manufacturing Materials and Processes**  
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.

Prerequisites: Successful completion of MATH 030 or higher level math class.

ENG T 259  
**Engineering Graphics: 3D Modeling II**  
Applications of industry standards using a 3D parametric CAD modeler in the preparation of designs and working drawings. Includes an exploration of modeling tools such as extrude, revolve, sweep, loft, shell. Castings, weldments and flat patterns are examined, as well as bills of material, title blocks and other technical and administrative information. A team design project including mechanical details, parts lists, and assembly drawings is part of this course.

Prerequisites: ENG T 108 or equivalent, or instructor’s permission.
ENGLISH LANGUAGE AND LITERATURE

The English Department offers courses in skills development, composition, technical writing, creative writing and publication, literature, and language, and tutor training. These courses are designed to meet various student needs. Some focus on grammar, spelling and punctuation; instruction in the Writing Center is individualized. College-level courses in composition satisfy the Communication Skills requirement of the Associate of Arts and Sciences Option II degree as well as other degrees and programs. College-level courses in literature, language and creative writing satisfy Humanities and elective requirements of the Associate of Arts and Sciences Option II degree and other degrees and programs.

Placement in English Composition Courses

Initial placement in pre-college-level composition courses (ENGL 092, 097 and 098) and in College Writing (ENGL 101) is by the current assessment test(s) used by the College. A grade of C or higher in ENGL 101 is required for entry into composition courses numbered higher than ENGL 101 (102, 103, 201, 202, or 211).

Students who scored 3 or higher on the national Advanced Placement Examination in English may enroll in a higher-level composition course than ENGL 101. Students who transfer an English 101-level course from another college or university must have those credits validated by the Enrollment Services Office before enrolling in a higher level composition course.

Students who took an English placement test at another institution may submit those scores to the office of Enrollment Services for possible substitution for the test at Everett Community College.

Faculty Advisors:

K. Aubrey 425-388-9391 kaubrey@everettcc.edu
R. Berger 425-388-9397 rberger@everettcc.edu
K. Craft 425-388-9395 kcraft@everettcc.edu
R. Davis 425-388-9313 rdavis@everettcc.edu
A. Harrington 425-388-9309 aharrington@everettcc.edu
M. Huntington 425-388-9403 mhuntington@everettcc.edu
R. Ives 425-388-9409 rives@everettcc.edu
G. Newlin 425-388-9145 gnewlin@everettcc.edu
B. Reid 425-388-9376 breid@everettcc.edu
D. Ripper 425-388-9576 dripper@everettcc.edu
P. Shen 425-388-9410 pshen@everettcc.edu
L. Smith 425-388-9420 lsmith@everettcc.edu
J. Walker 425-388-9411 jwalker@everettcc.edu

Skill Development

ENGL 090
The Writing Center 1-5
Self-paced study of writing in a lab setting with help of instructors and tutors. Students work on papers assigned in other classes or design an individual plan to include specific skills (spelling, punctuation, grammar) and writing (essays, letters, resumes, research papers, reports). Word processing and computer tutorials available. Ten hours of lab work for one credit. May be repeated up to 15 credits.

ENGL 091
Practical Writing for the Workplace 3
Introduction to basic writing skills for the workplace. Practice letters, memos, and resumes. Review basic grammar and punctuation. Meets general education requirement for vocational certificates.

ENGL 092
Practical Grammar 5
A thorough introduction to the mechanics of the sentence. Especially useful for native speakers preparing for ENGL 097 and ENGL 098.
Prerequisites: Placement by assessment score on the writing portion of assessment test.

ENGL 097
Beginning Grammar and Writing 5
Writing clear and effective sentences and paragraphs. May include parts of speech, sentence functions, sentence patterns, phrases, clauses, coordination, subordination, punctuation and capitalization.
Prerequisites: (1) See placement information above or (2) grade of C or higher in ENGL 092 or ESL 080.

ENGL 098
Introduction to College Writing 5
Writing and revising of paragraphs and essays of various types. Includes the writing process, diction, grammatical structures, paragraph and essay patterns, and rhetorical devices such as parallelism, transition, and analogy. (Specific sections marked ENGL 098D fulfill the diversity requirement for associate degrees.)
Prerequisites: (1) See placement information above or (2) grade of C or higher in ENGL 097.

Composition and Technical Writing

ENGL 101
College Writing 5
(C) 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. (Specific sections marked ENGL 101D fulfill the diversity requirement for associate degrees.)
Prerequisites: (1) See placement information above or (2) ENGL 098 with grade of C or higher.

ENGL 102
The Research Paper 5
(C) Writing single-source and multi-source essays with an emphasis on audience, voice, and current research techniques and documentation. (Specific sections marked ENGL 102D fulfill the diversity requirement for associate degrees.)
Prerequisites: Completion of ENGL 101 with grade of C or higher.

ENGL 103
The Critical Paper 5
(C) Writing critical analyses of culture and the arts, including film, music, art, and popular culture.
Prerequisites: ENGL 101 with a grade of C or higher.

ENGL 201
Writing Across the Curriculum 1
(C) Advanced study in composition designed to apply writing skills to academic subject disciplines. Offered in conjunction with courses designated as W (Writing Intensive) courses or by instructor’s permission. May be repeated two times for credit. Prerequisites: Completion of ENGL 101 with grade of C or higher.
ENGL 202
Report Writing
(C) Writing memorandums, business letters, and technical reports. Includes study of tone, style, unity, audience, and purpose in business and technical communication. Co-listed as CIS 203 and ENGNR 231. Credit can be earned in only one of the following courses: ENGL 202, CIS 203 or ENGNR 231.
Prerequisites: Grade of C or higher in ENGL 101.

ENGL 211
Advanced Composition
(C) Writing essays. Consideration of style, voice, analytical reading, and critical thinking beyond the ENGL 101 level.
Prerequisites: ENGL 101 with grade of C or higher.

Creative Writing and Publication
ENGL 105
Nonfiction I 3 or 5
(HP) Introduction to the writing, constructive analysis and revision of creative nonfiction. 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.

ENGL 106
Poetry I 3 or 5
(HP) 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 3 or 5
(HP) 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 3 or 5
(HP) 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 165
Nonfiction II 3 or 5
(HP) 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.
Prerequisites: ENGL 105 or instructor's permission.

ENGL 166
Poetry II 3 or 5
(HP) 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.
Prerequisites: ENGL 106 or instructor's permission.

ENGL 168
Fiction II 3 or 5
(HP) 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.
Prerequisites: ENGL 108 or instructor’s permission.

ENGL 169
Screen and Play Writing II 3 or 5
(HP) Intermediate development of writing, constructive analysis and revision of original creative works for the visual media. Detailed analysis of student effort will provide the basic material for development and application of dramatic and visual principles to original creative screen and/or play writing.
Prerequisites: ENGL 169 or instructor’s permission.

ENGL 202
Report Writing
(C) Writing memorandums, business letters, and technical reports. Includes study of tone, style, unity, audience, and purpose in business and technical communication. Co-listed as CIS 203 and ENGNR 231. Credit can be earned in only one of the following courses: ENGL 202, CIS 203 or ENGNR 231.
Prerequisites: Grade of C or higher in ENGL 101.

ENGL 211
Advanced Composition
(C) Writing essays. Consideration of style, voice, analytical reading, and critical thinking beyond the ENGL 101 level.
Prerequisites: ENGL 101 with grade of C or higher.

Creative Writing and Publication
ENGL 105
Nonfiction I 3 or 5
(HP) Introduction to the writing, constructive analysis and revision of creative nonfiction. 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.

ENGL 106
Poetry I 3 or 5
(HP) 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 3 or 5
(HP) 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 3 or 5
(HP) 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 165
Nonfiction II 3 or 5
(HP) 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.
Prerequisites: ENGL 105 or instructor's permission.

ENGL 166
Poetry II 3 or 5
(HP) 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.
Prerequisites: ENGL 106 or instructor’s permission.

ENGL 168
Fiction II 3 or 5
(HP) 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.
Prerequisites: ENGL 108 or instructor’s permission.

ENGL 169
Screen and Play Writing II 3 or 5
(HP) Intermediate development of writing, constructive analysis and revision of original creative works for the visual media. Detailed analysis of student effort will provide the basic material for development and application of dramatic and visual principles to original creative screen and/or play writing.
Prerequisites: ENGL 169 or instructor’s permission.

ENGL 205
Nonfiction III 3 or 5
(HP) 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.
Prerequisites: ENGL 165 or instructor’s permission.

ENGL 206
Poetry III 3 or 5
(HP) Advanced development of writing, constructive analysis and revision skills in poetry.
Prerequisites: ENGL 166 or instructor's permission.

ENGL 208
Fiction III 3 or 5
(HP) Advanced development of writing, constructive analysis and revision skills in fiction.
Prerequisites: ENGL 168 or instructor’s permission.

ENGL 209
Screen and Play Writing III 3 or 5
(HP) Advanced development of writing, constructive analysis and revision of creative works for the visual media.
Prerequisites: ENGL 169 or instructor’s permission.

Literature and Language
ENGL 115
Understanding Literature 5
(HP) Study of literary backgrounds, approaches, types, and techniques as a basis for reading, understanding, and enjoying literature.
ENGL 116
Introduction to Poetry 3 or 5
(H) The study of selected poets and their works designed to increase understanding and appreciation through close reading and analysis.

ENGL 119D
Cross-Cultural Literature 5
(H, D) Examination of literary and critical texts from a variety of cultures in the United States and/or throughout the world.

ENGL 120D
Native American Literature 5
(H, D) Exploration of theme, voice, and meaning through reading, analysis and discussion of selected poetry and prose works by Native American writers. Includes literary, cultural, and social frameworks.

ENGL 123
Introduction to American Literature 5
(H) An 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. (Specific sections marked ENGL 123D fulfill the diversity requirement for associate degrees.)

ENGL 135D
Introduction to Cultural Studies 5
(H, D) Introduction to main issues, theories and methods in cultural studies, employing literary methodologies. Specific topics may include communication and mass culture; images and texts concerning contemporary production and consumption; issues of race, gender, class and the social construction of identity; and cultural and historical analysis of visual arts, music, film, literature, myth, ritual, everyday practices, built environments and material culture.

ENGL 171
Special Topics in Language and Literature 3 or 5
(H) Study of texts which focus on particular aspects of human experience. Specific focus will vary from term to term, but approach remains the same: analytical reading, writing, and discussion. May be repeated for credit with different topics.
Prerequisites: Instructor’s permission required for some sections.

ENGL 172
Women Writers 3 or 5
(H) Reading and analysis of selected works of women writers to illustrate various cultural, sociological, political, and historical contexts.

ENGL 173
Science Fiction 3
(H) Study of short novels by contemporary writers such as Cherryl, Gibson, and LeGuin. Develops critical thinking skills and explores the human experience as presented in these novels. Familiarity with science fiction not necessary.

ENGL 183
Children’s Literature 5
(H) An 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. (Specific sections marked ENGL 183D fulfill the diversity requirement for associate degrees.)

ENGL 185
Hispanic Literature 5
(H) Reading and analysis of poetry and prose of Spanish-speaking writers. Emphasis on diversity in theme, voices, and content.

ENGL 189D
Asian Literature 5
(H, D) Reading and analysis of selected poems, stories, novels and plays of various Asian and Asian-American cultures, from ancient to modern times. Emphasis on diversities and commonalities in theme, style, voice and content.

ENGL 203
Young Adult Literature 5
(H) 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. (Specific sections marked ENGL 203D fulfill the diversity requirement for associate degrees.)

ENGL 223
Twentieth-Century American Literature 5
(H) 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. (Specific sections marked ENGL 223D fulfill the diversity requirement for associate degrees.)

ENGL 232
Shakespeare: Early Works 5
(H) Comedies, history plays, and tragedies selected largely from the first half of Shakespeare’s career.

ENGL 233
Modern British Literature 5
(H) Study of the writings of major British writers of the 19th and 20th centuries.

ENGL 234
Shakespeare: Late Works 5
(H) Shakespeare’s problem plays, major tragedies, and late romances selected from the later half of his career.

ENGL 245
Modern Grammar 5
(H) 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.
Prerequisites: ENGL 101 or sophomore standing.

ENGL 251
Myth and Literature of Greece and Rome 5
(H) Study of major literary works of ancient Greece and Rome.

ENGL 252
Medieval and Renaissance Literature 5
(H) Study of major works of European literature from the Middle Ages, Renaissance, and Enlightenment (AD800-1800).

ENGL 253
Modern European Literature 5
(H) Study of major works of European literature from 1800 to the present, including Romanticism, Realism, Modernism, and Postmodernism.
ENGL 263D
The Holocaust in Literature 5
(H) Study of the portrayal of the Holocaust in fictional genres. Issues addressed include the institutionalization of intolerance; the adequacy of language in the face of atrocity; the tension between the expectation of authenticity 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 285
Introduction to Linguistics 5
(H) Language as a basic human activity. The acquisition and use of language. Language systems: sounds, word formation, meaning, word order, syntax.
Prerequisites: ENGL 101 or sophomore standing.

Tutor Training and Independent Study
ENGL 150, 151, 152
Tutor Training and Practice 1-5 each
(TE) 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.
Prerequisites: Grade of B or better in ENGL 101 and Writing Center Coordinator’s permission for ENGL 150; ENGL 150 for ENGL 151; ENGL 151 for ENGL 152.

ENVIRONMENTAL STUDIES
Students can take a multi-disciplinary, comprehensive program in environmental studies to transfer to a four-year college or university to obtain a baccalaureate degree. Student intern opportunities may be available.

Faculty Advisors:
P. Pape-Lindstrom 425-388-9480 ppape@everettcc.edu
F. Schwartz 425-388-9451 fschwartz@everettcc.edu

ENV S 101
Humans and Their Environment 5
(NS) 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.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with a grade of C or higher or skills assessment at ENGL 101 or higher level.

ENV S 150
Land Use Planning and Regulation 3
Introductory course covers the legal framework of land use and regulation, comprehensive planning, zoning, variances, subdivision procedures, planning regulations, shoreline management, and the State Environmental Policy Act. Designed for real estate salespeople, land surveyors, developers and other interested citizens.

ENV S 165
Ecology, Biodiversity & Conservation 5
(NS-L) The effects of human population growth on changing ecosystems, energy flow, biological diversity, and sustainability of living resources. First quarter of a three-quarter sequence for environmental studies or resource management majors or single-quarter general interest course.
Prerequisites: ENGL 098 with a grade of C or higher or eligible for placement in ENGL 101; MATH 028 or equivalent.

FABRICATION
See Welding

FAMILY LIFE EDUCATION
The Everett Community College Family Life Education Program offers classes to help parents of young children (18 months to five years old) receive the knowledge and support they need for this all-important role. The adult education classes are based in cooperative preschools that provide practical, hands-on experience. Parents learn to develop realistic expectations of their child’s development and gain knowledge of good nutrition, health and safety practices. They have the opportunity to practice positive discipline techniques, develop skills in teaching young children and ways to strengthen family communication and relationships. Family Life Education Cooperative Preschools are held in locations throughout Snohomish County.

Additional courses in family life education are offered as a direct result of community requests.

For more information and preschool locations, please call 425-388-9300.

FAM L 030
Parent Cooperative Preschool I 1
Designed to assist adults with children enrolled in the Early Learning Center to gain skills and information that will assist them in supporting their child’s healthy development and academic success. Credit can be earned through several options: by volunteering in the child’s classroom (lab), by attending parent education classes (seminar), or by completing special projects. Students meet with the instructor to determine how the requirements will be met each quarter, based on the family work and school schedule and interests.
Prerequisites: Instructor’s permission.

FAM L 031, 032
Parent Cooperative Preschool I 2 or 3 each
Parent education and family life skill training for parents of children from 18 months to pre-kindergarten age. Observation and supervision of young children in laboratory preschool. Laboratories meet one to four times weekly; parents participate once weekly and attend monthly seminar class.
Prerequisites: Instructor’s permission.

FAM L 033, 034, 035
Parent Cooperative Preschool Group-Infants I 2 each
A parent cooperative for parents and their infants (ages 1-11 months, or 12-17 months) which provides practical education in child development, infant activities, nutrition, safety, health, and consumer education.
Prerequisites: Instructor’s permission.

FAM L 040, 041, 042
Parent Cooperative Preschool II 2 or 3 each
Parent Education and family life skill training for parents of children from 18 months to pre-kindergarten age. Observation and supervision of young children in laboratory preschool. Laboratories meet one to four times weekly; parents participate once weekly and attend monthly seminar class.
Prerequisites: Instructor’s permission.

FAM L 043, 044, 045
Parent Cooperative Preschool Group-Infants II 2 each
A parent cooperative for parents and their infants (ages 1-11 months, or 12-17 months) which provides practical education in child development, infant activities, nutrition, safety, health, and consumer education.
Prerequisites: Instructor’s permission.
FAM L 050, 051, 052
Parent Cooperative Preschool III 2 or 3 each
Parent education and family life skill training for parents of children from 18 months to pre-kindergarten age. Observation and supervision of young children in laboratory preschool. Laboratories meet one to four times weekly; parents participate once weekly and attend monthly seminar class.
Prerequisites: Instructor’s permission.

FAM L 053, 054, 055
Parent Cooperative Preschool Group-Infants III 2 each
A parent cooperative for parents and their infants (ages 1-11 months, or 12-17 months) which provides practical education in child development, infant activities, nutrition, safety, health, and consumer education.
Prerequisites: Instructor’s permission.

FAM L 060, 062, 064
Parent Cooperative Preschool Group I 3 each
Parent education and family life skill training for parents of children from 18 months to pre-kindergarten age. Laboratories meet four times weekly; parents participate once weekly and attend once-monthly class.
Prerequisites: Instructor’s permission; income eligible.

FAM L 061, 063, 065
Family Life Preparation for Dual Role of Homemaker and Wage Earner 4 each
Consumer and homemaking skills training to prepare for dual role of homemaker/wage earner for parents of children from 18 months to pre-kindergarten. Includes observation and supervision of young children in laboratory preschool. Laboratories meet four times weekly; parents participate once weekly and attend once-monthly class.
Corequisites: FAM L 060.

FAM L 070, 072, 074
Parent Cooperative Preschool Group II 3 each
Parent education and family life skill training for parents of children from 18 months to pre-kindergarten age. Laboratories meet four times weekly; parents participate once weekly and attend once-monthly class.
Prerequisites: Instructor’s permission; income eligible.

FAM L 071, 073, 075
Family Life Preparation for Dual Role of Homemaker and Wage Earner 4 each
Consumer and homemaking skills training to prepare for dual role of homemaker/wage earner for parents of children from 18 months to pre-kindergarten. Includes observation and supervision of young children in laboratory preschool. Laboratories meet four times weekly; parents participate once weekly and attend once-monthly class.
Corequisites: FAM L 070.

FAM L 090, 092, 094
Parent Cooperative Preschool Group III 3 each
Parent education and family life skill training for parents of children from 18 months to pre-kindergarten age. Observation and supervision of young children in laboratory preschool. Laboratories meet four times weekly; parents participate once weekly and attend once-monthly class.
Prerequisites: Instructor’s permission; income eligible.

FAM L 091, 093, 095
Family Life Preparation for Dual Role of Homemaker and Wage Earner 4 each
Consumer and homemaking skills training to prepare for dual role of homemaker/wage earner for parents of children from 18 months to pre-kindergarten. Includes observation and supervision of young children in laboratory preschool. Laboratories meet four times weekly; parents participate once weekly and attend once-monthly class.
Corequisites: FAM L 090.

FAM L 140
Foster Parent Education 5
For licensed foster parent providers and caseworkers. Explores communication skills, human needs, child development, discipline, and problem solving techniques to promote good relationships between the child and foster parent.
Prerequisites: DSHS referral.

FAM L 141
Independent Living Skills 3
Designed for foster parents and social workers that work with adolescents in foster care, focusing on assessing an adolescent’s emotional readiness and willingness to learn the skills necessary for successful independent living. An extensive assessment (including a developmental assessment) will be completed as well as a written plan for helping an adolescent make the transition to independent living.
Prerequisites: DSHS referral.

FAM L 150
Parent Cooperative Preschool 2 or 3
Combined with FAM L 030, 040, 050, 060, 070, or 090 series classes. Students take 150 if they desire 100-level credit. Term paper required for 150. May be repeated two times for credit.
Prerequisites: Instructor’s permission.

FILM/CINEMA
Also see Philosophy 150, Psychology 150 or Sociology 150.

FILM 100
Introduction to Film 5

FIRE SCIENCE
The Fire Science Program is designed to prepare participants for beginning a career in the fire service as well as for career advancement. Instruction includes fire suppression, fire investigation, fire prevention, emergency and rescue systems, emergency response, hazardous materials, wildland firefighting, aircraft rescue firefighting, instructor training, supervision and coordination with other agencies. Some of the training is done at off-campus sites, including area fire agencies and the WSP Fire Academy at North Bend. Some courses require an application. This is a self-support program that receives no state funds. As a result, the fees for the classes are designed to provide all program support, including the purchase of needed equipment,
staffing, supplies, etc. For more information about these programs send e-mail to fscience@everettcc.edu.

Contact:
J. Kraske 425-388-9161 jkraske@everettcc.edu

FIRE 100
Fire Fighting Basic Techniques 19.5
Basic fire fighting skills. Includes orientation and safety, introduction to the history of fire departments and today’s fire service as a career, fundamentals of fire behavior, building construction, personal protective equipment, department communication, extinguishers, water supply, fire stream, 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. Special emphasis on safety and how it relates to fire fighting. Students will don personal protective equipment and experiment with various black-out situations. Two 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 exam.
Prerequisites: Approved course application, orientation and instructor’s permission.

FIRE 102
Introduction to the Fire Service 2.5
Acquaints new fire fighters 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. Meets NFPA 1001, NFPA 1500, and NFPA 1521.
Prerequisites: High school completion or equivalent; instructor’s permission.

FIRE 103
Engine Company Basic Operations 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, tanker, 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. NFPA 1001, NFPA 1002.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 104
Fire Department Community Relations 2
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.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 106
Ladder Company Basic Operations 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 cordonning off areas; forcible entry; special rescues; salvage and overhaul; and vehicle operation. NFPA 1001, NFPA 1002.
Prerequisites: FIRE 102 and FIRE 103; or instructor’s permission.

FIRE 110
Fire Suppression Systems 3
Concepts and standards of fire protection systems including fire detection devices, alarms, and sprinkler systems. Fire codes and how they are enforced. NFPA 1001, NFPA 1002, and NFPA 1031.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 120
Pump Operations/Hydraulics 3
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’s manual on operating fire pumps and pumping apparatus.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 122
Fire Company Operations I 3.5
In-depth course in the Incident Management System and how it is used on the fire ground including first-in company tactics.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 124
Hazardous Materials to Operations Level 3
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. NFPA 472.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 197
Topics in Wildland Fire Fighting 1-6
Various level topics for Wildland Fire Fighting certification. Topics/classes are linked to job levels of the Northwest Coordinating Group Certifications. May be repeated up to seven times.

FIRE 200
Fire Company Operations II 3
Officer level training in multi-level planning, implementing, and evaluating basic and advanced fire tactics.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 202
Fire Investigation and Evidence Preservation 3
Overview of the methods used to determine areas of origin, fire causes, fire spread, and other aspects of fire behavior. Recognition of accidental and incendiary fires, securing and preserving evidence of suspected arson, witness interrogation methods.
Prerequisites: FIRE 102 and FIRE 103; or instructor’s permission.

FIRE 205
Fire Department Company Officer 3
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. NFPA 1021.
Prerequisites: FIRE 102 or instructor’s permission.
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 NFPA Standard 1041.
Prerequisites: FIRE 102 or instructor’s permission.

FIRE 249
Wildland Fire Fighting 2.5
Training in basic wildland fire fighting 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. NFPA 1051.
Prerequisites: Instructor’s permission.

FIRE 254
Aircraft Rescue and Firefighting Academy 6
Training in basic skills needed to work as an Aircraft Rescue and Fire Fighter, including FAA regulations, airport familiarization, fire prevention, emergency plans, safety, communication, equipment and appliances, ventilation, search and rescue and evacuation. Approximately 25 hours of pre-class work will be reviewed/corrected the first day of class. Course has been approved by the Federal Aviation Administration and is IFSAC accredited through WSP Fire Protection Bureau. Meets FAA Part 139 and NFPA 1003 standards. May be repeated two times for credit.
Prerequisites: Instructor’s permission. Requires sponsorship from an accredited fire department. International students requiring Visa to enter the U.S. must be approved by EvCC international admissions officer. Minimum English proficiency as outlined in the application packet.

FOREIGN LANGUAGES AND LITERATURE

See World Languages, Continuing Education, American Sign Language, Chinese, French, German, Italian, Japanese, Russian, and Spanish.

FRENCH

Faculty Advisors:
V. Martin 425-388-9375 vmartin@everettcc.edu
D. Stewart 425-388-9401 dstewart@everettcc.edu
FRNCH 101, 102, 103
Elementary French I, II, III 5 each
(H) Beginning sequence of courses to practice functional elements of French pronunciation and grammar in the context of practical conversational French. Listening, reading and writing to communicate in a logical, natural, and personalized way.
Prerequisites: None for FRNCH 101; FRNCH 101 or placement test for FRNCH 102; FRNCH 102 or placement test for FRNCH 103.

GENERAL BUSINESS

See Business
GEOSCIENCE COURSES

For those of us in Geoscience, it is difficult to understand how any thinking being could live on such a remarkable planet and not be wildly curious about how it works and evolves with time. This is especially true in the Pacific Northwest, the land of large volcanoes, earthquakes and potentially even tsunamis. A wide array of Geoscience courses offer non-science majors, as well as prospective students of the Earth, the opportunity to satisfy some of that curiosity while meeting natural lab science requirements. Most of these courses emphasize some field experience since the Earth is mostly outdoors. Trips to the mountains and coast happen frequently. There are also courses offered which are

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Prerequisites/Co-requisites</th>
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</thead>
<tbody>
<tr>
<td>GEOS 101</td>
<td>Introduction to Geological Science I</td>
<td>5</td>
<td>MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.</td>
</tr>
<tr>
<td>GEOS 102</td>
<td>Introduction to Geological Science II</td>
<td>5</td>
<td>MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.</td>
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<tr>
<td>GEOS 103</td>
<td>The Evolving Earth</td>
<td>5</td>
<td>MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.</td>
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<tr>
<td>GEOS 105</td>
<td>Dinosaurs and Extinctions</td>
<td>5</td>
<td>MATH 017 or skills assessment at MATH 027 or higher level. ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.</td>
</tr>
</tbody>
</table>

S. Grupp 425-388-9450 sgrupp@everettcc.edu

Faculty Advisor:

Detailed curriculum guides are available at the College website on campus for Geoscience. Students wishing to take a course and/or major in Geoscience are strongly urged to consult with an academic advisor at Everett Community College at their earliest opportunity.
GEOS 107
Earth Science for Everybody 5
(NS-L) Hands-on exploration of the Earth and processes that shape its landscape. For non-science majors. Highly recommended for elementary education majors.
Prerequisites: ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level; MATH 017 with grade of C or higher or skills assessment at MATH 027 or higher level.

GEOS 113
Environmental Geoscience 5
(NS-L) Exploration of the relationships and interactions between humans and Earth. Survey and evaluation of Earth’s hazardous processes, such as earthquakes, volcanoes, floods, and landslides. The origin and nature of Earth’s geologic resources. Laboratory projects and discussions.
Prerequisites: Instructor’s permission.

GEOS 190
Regional Geoscience Field Exploration 1-5
(NS-L) 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.
Prerequisites: ENGL 098 (or equivalent).

GEOS 208
Pacific Northwest Geology 5
(NS-L) 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.
Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level. ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.

GERMAN
Faculty Advisor: D. Stewart 425-388-9401 dstewart@everettcc.edu

GERM 101, 102, 103
Elementary German I, II, III 5 each
(H) Beginning sequence of courses to practice functional elements of German pronunciation and grammar in the context of practical conversational German. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.
Prerequisites: None for GERM 101; GERM 101 or placement test for GERM 102; GERM 102 or placement test for GERM 103.

GERM 190
Student Exchange to Germany 5
(TE) This cultural exchange program to Germany offers students an opportunity for a three-week home-stay with a German family. Course activities will include visits to a German school, tours of cultural and historical sites, a close-up look at aspects of the German economy, media, and popular culture, as well as geography and politics.
Prerequisites: Instructor’s permission.

GERM 201, 202, 203
Intermediate German I, II, III 5 each
(H) Continuation of GERM 101-102-103. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.
Prerequisites: GERM 103 or placement test for GERM 201; GERM 201 or placement test for GERM 202; GERM 202 or placement test for GERM 203.

GRAPHIC ARTS
This program offers students training in Graphic Design and Digital Illustration and is tied to the Multimedia Production-Web Design program (see Multimedia Production). Students have several options to meet their educational needs, including a two-year Associate in Fine Arts degree, a one-year certificate, a three-course endorsement and an opportunity to broaden their skills by “specializing” in photography, studio art, web site design or small business management. Graphic design workstations form the base for instruction including close ties with photography and studio art facilities. Industry-standard software is used in all courses. Students interested in careers in commercial or industrial design, graphic design, illustration, web site design, technical illustration, video illustration, multimedia design, advertising design, fine arts and art education are encouraged to see the faculty advisor.

Faculty Advisor: G. Kammer 425-388-9439 gkammer@everettcc.edu

GRAPH 100
Introduction to the Digital Studio 3
Introduction to the digital studio environment and the tools, terms and techniques of visual imagery and design. Includes the Macintosh operating system and related equipment such as printers, scanners, and back-up media. General overview of the technology available in the digital studio with focus on the primary software programs used. Required for students in the Visual Communications program.

GRAPH 101
Graphic Design I 5
Introduction to graphic designing for advertising and sales display, and to the varied uses of typography. Instruction includes the use of publication design and illustration software. Study covers basics of typography, commercial design, photo scanning and editing of digital art. Design emphasis on print and Internet advertising and commercial presentation.
Prerequisites: Some Macintosh computer experience or GRAPH 100 with a grade of C or higher.

GRAPH 102
Graphic Design II 5
Graphic design for publications, including instruction and application of the principles of typography. Includes the use of publication design and illustration software. Basics of typography, varied publications formats and styles, photo scanning, editing of digital art and color printing. Projects emphasize designing for newspapers/newsletters, magazines, catalogs and brochures.
Prerequisites: GRAPH 101 with a grade of C or higher.

GRAPH 110
Digital Illustration I 5
Study of design concepts emphasizing formal compositional issues, investigation of visual communication and typographic design. Course uses digital hardware and software, investigates the medium’s potential, limitations, relationships to drawing and photography, and color theory. Students learn creative ways of using natural visual abilities, imagination, and diagramming to organize thoughts and ideas. Includes intensive computer-aided training in digital imaging and vector-based illustration software.
Prerequisites: Some Macintosh computer experience or GRAPH 100 with a grade of C or higher.
<table>
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</thead>
</table>
| GRAPH 113   | Digital Illustration II                         | 5       | Explores vector-based illustration methods for creating graphics, technical illustrations, and visual presentation of information and data. Projects include product illustration and the use of photographs, type, diagrams, charts, graphs, tables and maps.  
Prerequisites: GRAPH 110 with a grade of C or higher or instructor’s permission. |               |       |
| GRAPH 115   | Digital Illustration III                        | 5       | Explores the creative process using digital imaging software, digital photography, image manipulation and a wide variety of image generating techniques. Assigned problems often include digital and conventional photography, drawing and painting using a computer and traditional media, collage, found objects and natural objects from the environment. Emphasis is placed on exploration and innovative use of software tools and incorporation of traditional art media.  
Prerequisites: GRAPH 110 with grade of C or higher, or instructor’s permission. |               |       |
| GRAPH 118   | Desktop Publishing Workshop                     | 3       | Workshop in desktop publishing, using publication design software (such as QuarkXPress). Instruction and practice in designing advertisements, brochures and newsletters. Subjects include typography, page layout, grid design, style palettes and scanning photographs.  
Prerequisites: GRAPH 102 or GRAPH 110 with a grade of C or higher or instructor’s permission. |               |       |
| 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 128   | Digital Illustration Workshop                   | 5       | Workshop in digital illustration for graphic and fine artists who are seeking an open creative environment to explore digital imaging applications as a tool to expand their graphic and artistic expression. Lectures, classroom demonstrations, self-guided tutorial exercises and assigned design exercises. Students will develop a personal style using digital imaging tools. May be repeated two times for credit.  
Prerequisites: GRAPH 115 with a grade of C or higher or instructor’s permission. |               |       |
| GRAPH 213   | Professional Projects: Graphic Design           | 5       | Current trends, professional issues and practices. Projects include creation of advanced level graphic design pieces, including corporate identity. Topics include project planning, studio practice, contracts and invoicing. Co-listed as MULTI 213.  
Prerequisites: GRAPH 102 with a grade of C or higher or instructor’s permission. |               |       |
| GRAPH 231   | Typography                                      | 5       | Introduces lettering skills and the history and foundation of letterforms. Emphasizes placement of display and text 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 a page layout and illustration applications.  
Corequisites: GRAPH 101 recommended but not required. |               |       |
| GRAPH 250   | Graphic Arts 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.  
Prerequisites: Instructor’s permission. |               |       |
| GRAPH 251   | Publication Design I                            | 5       | Fundamentals of art publication design producing the annual art and literary publication of student works, Vibrations Magazine. Topics include layout, digital pre-press, digital image preparation for print, planning a major print project, working directly with a printer through all prepress issues and processes.  
Prerequisites: GRAPH 101, GRAPH 110, GRAPH 120 or instructor’s permission. Recommended concurrent enrollment in PHOTO 221. |               |       |
| GRAPH 252   | Publication Design II                           | 3       | Fundamentals of art publication production processes in the annual art and literary publication of student works, Vibrations Magazine. Topics include fundamental offset printing processes, how to conduct a press check, assembling press-ready design on the computer and archive for print production, digital pre-press methods in scanning and image prep for offset press, and working directly with a printer through all press production issues and processes.  
Prerequisites: GRAPH 251 or instructor’s permission. |               |       |
| GRAPH 261   | 3D Computer Illustration                       | 5       | Exploration of techniques used to generate 3D computer illustrations using modeling and animation software. Initial concepts from thumbnail sketches to 2D computer generated shapes to extruded profiles producing objects within a 3D environment. Illustrations exported to digital imaging software for use in print and Internet publications.  
Prerequisites: GRAPH 110 with a grade of C or higher or instructor’s permission. |               |       |
| GRAPH 262   | 3D Computer Illustration II                    | 5       | Advanced techniques in three-dimensional computer illustration. Students will learn advanced modeling, creating techniques, creating photo-realistic materials, lighting for a variety of moods and special effects, dramatic camera angles, texture mapping, color theory, rendering optimizing mesh objects for visual effects, creating photo-realistic 3D images. Continued work in preparing files for output to print, web, and computer-centered media. May be repeated one time for credit.  
Prerequisites: GRAPH 261 with a grade of C or higher or instructor’s permission. |               |       |
| GRAPH 271   | 2D Interactive Animation                       | 5       | Introduces interactive time-based electronic visual communication. Content sequencing, transitions, animation and navigation are covered in this introduction to media authoring. Emphasis is placed on developing 2D animated illustrations and interactive designs which can be used as Web pages.  
Prerequisites: GRAPH 110 with grade of C or higher or instructor’s permission. |               |       |
Advanced techniques in 2D animation techniques with emphasis on storytelling, keyframing, manipulating tracks and keys, animated materials, animating light and cameras, animation for real-time recording and combination of these sequences with simple audio sequences to create finished animation. Students will learn the tools and skills needed to create a simple, three-dimensional animation.

**Prerequisites:** GRAPH 271 with a grade of C or higher or instructor’s permission.

**GRAPH 281**
**3D Computer Animation I**
Introduction to 3D computer animation. Basic animation techniques, key framing, manipulating tracks and keys, animated materials, animating lights and cameras, animation for real-time recording and combination of these sequences with simple audio sequences to create finished animation. Students will learn the tools and skills needed to create a simple, three-dimensional animation.

**Prerequisites:** GRAPH 110 with a grade of C or higher or instructor’s permission.

**GRAPH 282**
**3D Computer Animation II**
Advanced computer animation techniques with emphasis on lighting to create mood, realistic movement with attention to physical behaviors and materials, use of inverse kinematics, story board techniques for short run animation, and the use of audio and video elements. Students will produce an animation short and record to both CD-ROM and videotape. Lectures and presentation lab exercises, guest presentations, and development of personal style. May be repeated one time for credit.

**Prerequisites:** GRAPH 281 with a grade of C or higher or instructor’s permission.

**GRAPH 295**
**Portfolio Development**
An advanced course designed for students nearing the completion of their Institute work in graphic arts. Professional portfolio techniques, including interviewing, resume preparation, portfolio design and development, editing, and assessment will be presented and explored. Lectures and presentation lab exercises, guest presentations, and development of personal style.

**Prerequisites:** Adviser or faculty recommendation required.

**HEALTH SCIENCES**

See also Emergency Services

Health Sciences program offerings currently include Medical Assisting, Nursing Assistant Certified and Phlebotomy Technician.

Contact:
Division of Nursing and Health Sciences office - 425-388-9461

**Medical Assisting**
The Everett Community College Medical Assisting Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), on recommendation of the Curriculum Review Board of the American Association of Medical Assistants Endowment (AAMAE). Commission on Accreditation of Allied Health Education Programs, 35 East Wacker Drive, Suite 1970, Chicago, IL 60601-2208, 312-553-9355.

This program offers a nationally accredited certificate to students who wish to prepare as a multi-skilled professional working under the supervision of a physician or other licensed health care provider. Medical assistants are dedicated to assisting in all aspects of a medical practice and have both clinical and administrative roles and responsibilities. As defined by Washington State Law, a medical assistant is an unlicensed person who assists a licensed health care practitioner in providing health care to patients. Upon completion of the program the student is eligible to write for the national certification examination. Although there is no licensing for medical assistants, employers prefer to hire certified workers who have passed the national examination indicating that the medical assistant meets defined standards of competence. Students can earn a Certificate in Medical Assisting and have the option to earn an Associate in Technical Arts (ATA) degree if desired. (Approved by the State of Washington Higher Education Board.)

**Program length:** Certificate - 75 credits  ATA - 90 credits

See Health Sciences course listings.

**Nursing Assistant Certified**
This accredited program prepares graduates for certification as Nursing Assistants. The program is approved by the Washington State Department of Social and Health Services. New students are accepted for Fall, Winter and Spring Quarters.

Instruction covers the following areas: basic technical skills, mental health and social services needs of clients, clients’ rights and promotion of clients’ independence, communication and interpersonal skill development, safety and emergency procedures, rules and regulations that affect the nursing assistant’s practice, personal care skills, basic restorative services, infection control, CPR instruction, and HIV/AIDS training. The entire program is completed in one academic quarter.

**Program length:** One quarter.

See NURS 100.

**Phlebotomy Technician**
This fifteen-week program is designed for students with no prior knowledge of phlebotomy techniques and procedures. Anatomy and physiology of the blood and circulatory system, medical terminology, phlebotomy skills, quality assurance, and medical laboratory information are stressed. All procedures meet standards for phlebotomy training developed by the Clinical Laboratory Standards Institute.

Upon successful completion of classroom and clinical externship training, the successful student meets eligibility requirements to sit for the national certification exam sponsored by the American Society for Clinical Pathologists (ASCP). Coursework includes a certificate of 7-hour HIV/AIDS training.

**Program length:** 15 weeks. See HLTH 220.

**HLTH 080**
**HIV/AIDS Training**
Satisfies the mandatory seven-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.

**HLTH 093**
**Critical Inquiry and Reflective Thinking in Healthcare**
Offers a systems perspective to provide students with opportunities for analysis, synthesis and application of critical inquiry, reflective thinking and decision making within healthcare.

**HLTH 100**
**Medical Terminology**
Study of medical terminology, relating terms to the anatomy and physiology of the body. This course is designed for students working toward proficiency in medical language as well as for students entering health occupations, such as medical assistants, medical transcriptionists, receptionists, administrative support, and billing specialists.
HLTH 101
Fundamentals of Medical Terminology 3
Study of medical terminology, relating to terms to the anatomy and physiology of the body and its systems. This course is designed for the student interested in health sciences professions and the language associated with those professions.
Prerequisites: Eligibility for ENGL 098.

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.

HLTH 103
Fundamentals in Health Care Delivery 3
An overview of current healthcare professions including career and market information. Provides information on healthcare delivery systems, medical insurance, health organization structure, patient rights and quality care, healthcare and life values, ethics, and essential behaviors in the workplace. Personal healthful living practices, OSHA standards and workplace safety, and interpersonal communications will be examined as well.
Prerequisites: Eligibility for ENGL 098.

HLTH 105
Medical Office Administration 5
Covers efficient administrative and managerial tasks of the medical office. Communication techniques emphasized include use of telephone, interviewing patients and triage, verbal and nonverbal communication skills, and written office communication formats. Administrative tasks include knowledge of basic filing, scheduling appointments, mail processing, handling medical records, inventory, bookkeeping, banking procedures and employee payroll. Use of computer medical office management software and numeric keyboarding.

HLTH 106
Administrative Skills - Office Management 4
Course covers general medical office management, including medical records management, mail processing, scheduling appointments, managing the physician’s professional schedule, developing office policies and procedures, and providing information to patients related to community resources and health education.
Prerequisites: Completion of or concurrent enrollment in ENGL 098 or above.

HLTH 107
Administrative Skills - Computer Applications 3
Provides the student with opportunity to practice computer applications as they apply to the medical office. The student will use the fundamental writing skills to format letters, memos, and reports. Additionally, the student will demonstrate correct proofreading skills, will learn use of additional office equipment, including fax machines and multi-line phones, and will use correct medical charting methods to document medical information accurately and concisely.
Prerequisites: Completion of or concurrent enrollment in ENGL 098 or above. BT 100 or keyboard proficiency. CIS 100 or BT 140.
### HLTH 121 Medication Administration
3
Safety precautions and procedures of drug administration, including the use of universal blood and body fluid precautions and safeguarding the patient during the physical preparation and administration of drugs. Special emphasis is placed on mathematics and dosage calculations to ensure the mathematical skills necessary for safe preparation and administration of medication to adult and pediatric patients. Parenteral and nonparenteral medication administration essentials are stressed. Instructor’s permission required to repeat course.

**Prerequisites:** Instructor’s permission. Corequisites: HLTH 121 J.

### HLTH 122 Principles of Phlebotomy
3
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. Instructor’s permission required to repeat course.

**Prerequisites:** Instructor’s permission. Corequisites: HLTH 122 J.

### HLTH 130 Disease and Pathology
4
An 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. Patient triage for each system will be reviewed to differentiate between life threatening and non-life threatening conditions requiring medical evaluation. This course will also provide the basic skills needed to identify and seek the appropriate care necessary associated with sudden illness or conditions, within the scope of ambulatory care. HIV/AIDS training is presented.

### HLTH 140 First Aid for the Health Professional
2
Instructs students to the level of First Aider, who serves as a vital link in the chain of survival. Guidelines include the minimum knowledge and skills necessary for the individual to provide first aid with limited amount of equipment.

### HLTH 141 Industrial Safety
3
Reviews key elements and requirements of a safety and health management program in today’s manufacturing environment. This is part of a sequence of courses designed to help a student achieve a two-year ATA degree in Advanced Manufacturing Technology.

**Prerequisites:** ENGL 098 or equivalent or instructor’s permission.

### HLTH 150D Intercultural Communication in Health Care
5
(D) Introduction to intercultural interpersonal communication techniques as they apply in a healthcare setting. Focuses on the roles of verbal and nonverbal codes in the development of intercultural interpersonal 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.

### HLTH 202 CMA Review
2
Group workshop to assist new medical assisting graduates and professional medical assistants to prepare for the national exam given by the American Association of Medical Assistants for certification or re-certification. A pre-course and post-course test will be given to evaluate and apprise the students of particular areas in which they may need reinforcement. Includes class demonstrations and videos of new information, programs and procedures. Areas for testing will include administrative, clinical and general studies, based on the same format used on the CMA test.

**Prerequisites:** Eligible to take or recertify for national certification by AAMA.

### HLTH 205 Clinical Perspectives in Medical Law, Ethics and Critical Thinking
4
Designed to incorporate the principles of critical thinking, this 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, credentialing; professional liability/medical malpractice, criminal and civil law, risk management, mandatory reporting; employment law including rights, responsibilities, safety and welfare of employees. Students will also examine current bioethical issues and their impact on the practice of medicine. Required for medical assisting students and would be a valuable course for any student choosing a career in health occupations with patient contact.

### HLTH 220 Phlebotomy Technician Training Program
12
Training program prepares students to sit for the national certification exam sponsored by the American Society for Clinical Pathologists (ASCP). Program is designed for those with no prior knowledge of phlebotomy techniques and procedures. Topics include anatomy and physiology of the blood and circulatory system, medical terminology, phlebotomy skills, quality assurance, and medical laboratory information. Coursework includes a certificate of 7-hours of HIV/AIDS training. All procedures meet standards for phlebotomy training developed by the Clinical Laboratory Standards Institute. Program includes a 120-hour clinical externship at area hospitals and clinics as arranged by the instructor. May be repeated one time for credit.

**Prerequisites:** 18 years of age; high school diploma or GED; adequate physical ability; adequate manual dexterity. Current immunizations as required for externship eligibility: tetanus, tuberculin skin testing, varicella, measles/mumps/rubella, influenza. WSSP background search. Current CPR for Healthcare Providers card. Proof of medical insurance. ENGL 097 or skills assessment at ENGL 098 or higher level. Instructor’s permission.

### HLTH 251 Medical Assisting Clinical Externship
6
Provides students a safe, supervised clinical work experience, in an outpatient ambulatory setting, in which to apply didactic theories. The externship 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’s permission required to repeat course.

**Prerequisites:** Completion of required courses for Medical Assisting program and instructor’s permission.

### HIST 100 Ancient & Medieval Worlds
5
(H, SS) 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 103D
World Civilization  
(H, SS, D) A 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, art, literature, and spiritual values. Follow the appearance and evolution of the major religions of the world, witness the construction, decay, and collapse of major civilizations, and inquire about the meaning of life in the company of the great teachers of the past, including Confucius, the Buddha, Socrates, Ibn Khaldun, St. Thomas Aquinas, and many others.

HIST 111
Western Civilization to 1648  
(H, SS) 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 Civilization 1648 to Present  
(H, SS) 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 151
American Civilization I: The Beginnings to Jackson  

HIST 152
American Civilization II: Jackson to World War I  
(H, SS) Second of a three-part survey of American history. Slavery, the Civil War, Reconstruction, industrialization and urbanization, the late 19th century agrarian protest movement, America’s development as a world power, the Progressive movement and America’s involvement in World War I.

HIST 153
American Civilization III: The Twenties to the Present  
(H, SS) Third of a three-part survey of American history. Emphasis on the critical changes in domestic and foreign affairs which have shaped the character of contemporary life.

HIST 170D
Multicultural American History  
(H, SS, D) This course 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 ethnic makeup that characterizes life in the United States today.

HIST 210
The Vietnam War  
and to integrate knowledge around the experience of being a human. The Humanities are also a primary vehicle of cultural memory. They preserve, transmit, and critique the experiences of humanity. Finally, one of the great contributions of the Humanities is the insistence on the clear transmission of ideas in oral and written discourse, translating specialized “jargon” and employing accessible language in all forms of interpersonal communications, including writing, conversation, and dialogue.

The EvCC Humanities program aims to enhance the interdisciplinary integration of learning, thereby promoting engages, critical and creative thinking that prepares you for a future that demands breadth as well as depth of preparation. Furthermore, interdisciplinary study in the Humanities provides you with an arena for the integration of learning during the time when you are meeting your general education requirements, focusing the smorgasbord of general education courses into a more coherent and integrated foundation for your later academic endeavors. Students wishing to complete a Humanities emphasis for their Associate in Arts and Sciences Option II degree should obtain a copy of the Humanities curriculum guide. Contact: Communication and Social Sciences Division office, 425-388-9387.

Faculty Advisors:
K. Craft 425-388-9395 kcraft@everettcc.edu
D. Erickson 425-388-9308 derickson@everettcc.edu
S. Lepper 425-388-9445 slepper@everettcc.edu
L. Smith 425-388-9420 lsmith@everettcc.edu
M. VanQuickenborne 425-388-9385 mvanquickenborne@everettcc.edu
J. Walker 425-388-9411 jwalker@everettcc.edu

HUMN 101
Introduction to the Humanities 5
(H) 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.

HUMN 125
Negotiating Nature 3 or 5
(H) An 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.

HUMN 150D
Surviving the Holocaust 5
(H, D) Written, filmed, and live testimony of Holocaust survivors considered from the perspectives of literature, history, sociology, psychology, art, film, philosophy, and theology.

HUMN 160D
Introduction to Japanese History and Culture 5
(H, D) 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. Prerequisites: Completion of ENGL 098 or eligibility for ENGL 101.
HUMN 166D
Germany in Transition - Toward a Multi-Ethnic Civilization 5
(H, D) Survey of past and modern German cultures, concentrating on major periods in literature, language, politics, art, architecture, religion, film and music. Humanities 166D focuses on the increasingly multi-ethnic population of Germany, its position and future in the European Union and its relationship to the Global community.

HUMN 182
Service Learning 1-2
Allows students to explore the expression of the Humanities in our community, combining the opportunity of volunteerism with academic applications. Provides for real-life application of skills and knowledge that extends learning beyond the classroom and into the community as students get involved in such activities as working with local organizations to promote the humanities or planning on-campus Humanities-oriented conferences. May be repeated up to six credits.
Prerequisites: Instructor's permission.

HUMN 184
Humanities Showcase 1-2
(H-P) Allows students to showcase their creative work in the Humanities at an EvCC Humanities conference/festival. May be repeated up to six credits.
Prerequisites: Instructor's permission.

HUMN 210
Introduction to Women's Lives in the United States 5
(H) Introduction to the richness and diversity of women's lives in the United States, including their social realities, issues and contributions from an interdisciplinary perspective (social sciences, humanities and the arts). Special attention will be given to the intersection of race, class and sexuality on women's experiences and contributions.

HUMN 247D
Introduction to World Religions 5
(H, D) 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.

ITALIAN
Contact: Communication and Social Sciences Division office
C. Wamsley 425-388-9387 cwamsley@everettcc.edu

ITALN 101, 102, 103
Elementary Italian I, II, III 5 each
(H) Beginning sequence of courses to practice functional elements of Italian pronunciation and grammar in the context of practical conversational Italian. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.
Prerequisites: None for ITALN 101; ITALN 101 or instructor's permission for ITALN 102; ITALN 102 or instructor's permission for ITALN 103.

JAPANESE
Faculty Advisor: M. Smith 425-388-9380 msmith@everettcc.edu

JAPAN 101, 102, 103
Elementary Japanese I, II, III 5 each
(H) 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.
Prerequisites: None for JAPAN 101; JAPAN 101 or instructor's permission for JAPAN 102; JAPAN 102 or instructor's permission for JAPAN 103.

JAPAN 201, 202, 203
Intermediate Japanese I, II, III 5 each
(H) Continuation of JAPAN 103. 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.
Prerequisites: JAPAN 103 or instructor's permission for JAPAN 201; JAPAN 201 or instructor's permission for JAPAN 202; JAPAN 202 or instructor's permission for JAPAN 203.

JOURNALISM
Mass media and communications have never been more important than in today's fast-paced global marketplace. Students who enroll in Journalism courses benefit from specialized work in the crafts of writing and editing, as well as an introduction to mass media.
Faculty Advisor: A. Otanez 425-388-9419 aotanez@everettcc.edu

JOURN 101
Newswriting 5
(HP) Writing basic types of news stories, including speeches, interviews, and features. Study of newspaper methods and libel.
Prerequisites: Grade C or higher in ENGL 098 or placement in ENGL 101.

JOURN 102
Copy Editing 3
(HP) Instruction and practice in editing news stories, designing news pages, writing headlines, and critical analysis of news. Basic-level companion course to JOURN 101 for majors.

JOURN 110
Media Writing 5
(HP) Study and exercises in writing with the special constraints and style demands of radio and television news, advertising, and electronic communications. Emphasis on writing with word economy, often by using words with broad symbolic value.
Prerequisites: Grade C or higher in ENGL 098 or placement in ENGL 101.

JOURN 150
Introduction to Mass Media 5
(H, SS) A survey of the mass media, including newspapers, magazines, television, radio, book publishing, music publishing, motion pictures and advertising. This course emphasizes the history and structural biases of the mass media, and encourages students to critically analyze the role of media in society.
JOURN 170
College Newspaper 3
(TE) Practice of newspaper journalism in production of the student newspaper, The Clipper. Course is offered in sections: reporting and editing, photography and graphic design. May be repeated up to 18 credits.
Prerequisites: JOURN 101, JOURN 102, GRAPH 101, or instructor’s permission.

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.
Prerequisites: Instructor’s permission.

LIBR 120
Introduction to the World Wide Web 5
Overview of the World Wide Web with emphasis on finding, sharing and evaluating information, using search tools, developing search techniques, and understanding basic HTML components. Co-listed as CIS 115; credit cannot be earned in both CIS 115 and LIBR 120.

MANAGEMENT
See Business

LIBRARY
Faculty Advisors:
J. Goodhope 425-388-9348 jgoodhope@everettcc.edu
D. Rash 425-388-9494 drash@everettcc.edu

LIBR 100
Information Research Skills 3
Survey of information research techniques. Students will learn to locate and analyze information, develop search strategies and use a variety of information resources including the Internet and other computerized information tools.

LIBR 102
Learning for the 21st Century 5
Emphasis will be on building the skills and techniques for successful lifelong learning and identifying personal learning styles and strengths that facilitate learning in an online environment. Participants will examine various strategies for locating, evaluating, and applying information resources in the research process with attention to information policy issues such as censorship and freedom of information.

LIBR 110
Information Toolkit 2
Develops skills needed to locate, evaluate and use information technology and information resources to carry out discipline specific research.

MANUFACTURING TECHNOLOGY
The ATA (Associate in Technical Arts) degree in Advanced Manufacturing Technology is offered for students who desire entry to career advancement in manufacturing operations, management and support activities. Manufacturing technology is designed to prepare persons to work in many different environments of manufacturing as it becomes more integrated and computer information driven. It is a program in which the flow of materials, the scheduling of processes and procedures, and methods of planning, implementation and support are studied. Careers or roles may be in project management, warehousing, materials control, planning, purchasing, scheduling, design drafting, composites, documentation control, fabrication, machining, welding and coordination among these functions. This program also provides a flexible framework for the incorporation of credit from prior learning in industry or government. An early conference with an advisor is mandatory for success.

Faculty Advisor:
R. Osnes 425-388-9383 rosnes@everettcc.edu

MFG T 110
Introduction to Manufacturing 3
Provides a historical overview of manufacturing systems and organizations. Addresses concepts including supply chain and operations management.
Prerequisites: ENGL 098 with a grade of C or higher or skills assessment at ENGL 101 or higher level.

MFG T 115
Total Quality in Manufacturing 5
Introductory course in Total Quality Management, covering concepts of reduced variability, enhanced reliability, and continuous improvement in the manufacturing process as a whole. The notion of leadership commitment is explored.
Prerequisites: ENGL 098 and MATH 030.

MFG T 116
Basics of Supply Chain Management 5
Introductory course for production scheduling and inventory management, including principles and concepts for controlling the flow of materials into, through and out of a manufacturing organization.
Prerequisites: MATH 030 and MFG T 110.
MFG T 171  
Manufacturing Internship I  
150-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.  
Prerequisites: MFG T 110.

MFG T 172  
Manufacturing Internship II  
150-clock hour intern program in which students may perform functions or "job shadow" in a specific area of their interest relative to their program of study. Program focuses on student working with an expert in a manufacturing related area of the student's choice.  
Prerequisites: MFG T 171.

MFG T 200  
Master Planning of Resources  
Principles and practices of sales and operations planning, internal and external demand forecasting, master production scheduling, capacity and distribution, warehousing, and production scheduling. Also covers concepts and methodologies for managing projected and actual demands from distribution networks and external customers.  
Prerequisites: Sophomore standing or instructor's permission.

MFG T 201  
Detailed Scheduling and Planning  
Examines the principles and practices of material requirements planning as well as capacity scheduling and planning. Topics include sales forecasting, material procurement and distribution, warehousing, and production scheduling.  
Prerequisites: MFG T 116.

MFG T 202  
Operations Management  
Explores the application of systems thinking and concepts like lean manufacturing and TQM to the control and optimization of manufacturing processes.  
Prerequisites: MFG T 116.

MFG T 203  
Strategic Management of Resources  
Principles and practices of strategic resource management involving manufacturing strategy and support chain related functions. Addresses three main topics: aligning resources with the corporate strategic plan, configuring and integrating operating processes to support the strategic plan and implementing major or revolutionary change.  
A capstone course using information from all other Manufacturing Technology courses.  
Prerequisites: Sophomore standing or instructor’s permission.

MFG T 225  
Statistical Process Control  
Focuses on the data acquisition and the statistical analysis procedures used to evaluate and control variation in the manufacturing environment, charting techniques and approaches to applying continuous improvement.  
Prerequisites: MFG T 115.

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.  
Prerequisites: Instructor’s permission. Corequisites: ENGNR 231 or ENGL 202 or CIS 203.

MATHEMATICS

Mathematics Learning Center

The Mathematics Learning Center in Room 109 Baker Hall has been established for students who wish to review or improve their skills in basic mathematical concepts, beginning algebra, plane geometry and trigonometry using an individualized approach. These courses are not available for audit. Some courses in the Mathematics Learning Center are competency based and are graded using variable credit. Special Mathematics Courses Mathematics course numbers have also been reserved as follows:

Math 097, 197 and 297 for special workshops in mathematics;  
Math 098, 198 and 298 for special seminars in mathematics;  
Math 099, 199 and 299 for special projects in mathematics.

Special projects are for individual students and are arranged with the division dean. Credit granted under the above numbers varies with the workshop, seminar or project. Limits may be imposed on the number of credits earned using these numbers.

MATH 014  
Basic Mathematical Concepts with Applications  
Review of basic concepts in mathematics with applications related to consumer activities. Prime factorization and operations on rational numbers. Applications using ratios, proportions and percents. Credit may not be earned in MATH 014 that exceeds five total credits. Not intended for ABE students. MATH 014 is competency based. It is possible for a student to earn fewer than 5 credits.  
Prerequisites: Testing placement into MATH 014 or permission from a MATH 014 instructor.

MATH 017  
Preparation for Algebra  
Fractions, decimals, percents, order of operations, scientific notation, formulas, signed numbers, exponents, radicals, geometric figures, and applications.  
Prerequisites: MATH 014 or strong working knowledge of arithmetic.

MATH 021  
Programmed Elementary Algebra I  
Review sequence in elementary algebra. Offered only in the Math Learning Center.  
Prerequisites: Elementary Algebra; instructor’s permission.
MATH 022
Programmed Elementary Algebra II  5
Review sequence in elementary algebra. Offered only in the Math Learning Center.
Prerequisites: MATH 021; instructor’s permission.

MATH 027
Elementary Algebra I  5
First half of sequence in beginning algebra. Properties of real numbers, evaluating algebraic expressions, simplifying algebraic expressions, solving linear equations and inequalities, adding, subtracting, multiplying, dividing and simplifying monomial fractions, solving fractional equations and inequalities, graphing linear equations in two variables, finding equations of lines, solving linear systems by graphing.
Prerequisites: Strong arithmetic skills or MATH 017.

MATH 028
Elementary Algebra II  5
Second half of sequence in beginning algebra. Solving linear systems by graphing, substitution and elimination, factoring polynomials, adding, subtracting, multiplying, dividing and simplifying rational expressions, solving rational equations and applications, simplifying integer exponent expressions, radical expressions, solving quadratic equations and applications.
Prerequisites: MATH 027 with grade of C or higher or equivalent preparation.

MATH 030
Vocational Mathematics I  3 or 5
First course of a vocationally-oriented sequence in arithmetic, algebra, geometry, and trigonometry with applications tailored to specific groups.

MATH 031
Vocational Mathematics II  1-5
Second course of a vocationally-oriented sequence in arithmetic, algebra, geometry, and trigonometry with applications tailored to specific groups.
Prerequisites: MATH 030 or instructor’s permission.

MATH 032
Vocational Mathematics III  1-5
Third course of a vocationally oriented sequence in arithmetic, algebra, geometry and trigonometry with applications tailored to specific groups.
Prerequisites: MATH 031 or instructor’s permission.

MATH 055
Elementary Algebra: A Review  5
One-quarter review of elementary algebra. Linear equations and inequalities, graphing and linear systems, exponents and polynomials, factoring, rational expressions, roots and radicals, quadratic equations. For students who have done well in algebra previously but need to refresh their skills.
Prerequisites: One year of high school algebra with grade of B or higher, or equivalent.

MATH 059
Essentials of Geometry  2
Basic concepts in geometry including properties of points, lines, planes, angles, triangles, polygons and circles. Study of space figures including prisms, pyramids, cones, cylinders and spheres. Special right triangles and Pythagorean Theorem. Area, perimeter and volume of common geometric figures. Congruent and similar triangles. Basic constructions with straight edge and compass.
Prerequisites: MATH 022 or MATH 028 or MATH 055 with a grade of C or higher or equivalent preparation. (Concurrent enrollment in MATH 055 will be allowed with instructor’s permission.)

MATH 065
Intermediate Algebra  5
Polynomials, rational expressions, exponents, radicals, linear and quadratic equations, inequalities, systems of equations, logarithms, distance and midpoint formulas, lines and circles.
Prerequisites: MATH 022, 028 or 055 with grade of C (2.0) or higher OR placement into MATH 065 via an assessment score OR permission of a MATH 065 instructor or math program advisor. Plane geometry recommended but not required.

MATH 100
Survey of Mathematics  5
(NS) 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. Winter Quarter.
Prerequisites: Elementary algebra.

MATH 120
Mathematics for Business  5
For business and other ATA degrees and certificates. Brief review of arithmetic including fractions, decimals and percents. Subsequent topics include invoices and trade discounts, mark-up and mark-down, payroll and payroll taxes, loans and interest computations, installment buying, inventory valuation methods, analysis of financial statements, present value, annuities, sinking funds, and basic statistical measures. Credit may not be duplicated in any of MATH 120, GN BS 120, BUS 130 or BT 110.
Prerequisites: MATH 014 or ability to perform fraction, decimal, and percent operations.

MATH 131
Trigonometry  3
Trigonometric ratios and function, solving right and oblique triangles, vectors, circle concepts, graphing trigonometric functions, basic identities, and applications.
Prerequisites: MATH 059 and MATH 022, MATH 028, MATH 055 or equivalent.

MATH 137
Applications in Contemporary Mathematics  5
(Q, NS) 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.
Prerequisites: MATH 065 with grade of C or higher, or equivalent.

MATH 140
College Algebra  5
(Q, NS) Advanced topics in algebra. Language of functions, lines and conic sections, graphing, exponential and logarithmic functions, theory of polynomial equations, matrices and determinants and their use in solving linear systems, series and sequences.
Prerequisites: Mandatory prerequisite: MATH 065 or equivalent with a grade of C (2.0) or higher OR placement in MATH 140 or higher via an assessment test score OR permission of a MATH 140 instructor or math program advisor.

MATH 142
Elements of Calculus  5
(Q, NS) 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 of 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 152. Credit cannot be earned in both MATH 142 and MATH 152.
Prerequisites: MATH 140 with grade of C or higher, or equivalent.
MATH 147  
Pre-Calculus 5  
(Q, NS) Preparation for calculus sequence (MATH 152, 153, 154, 252). Algebraic, logarithmic, exponential, and trigonometric functions. Conics.  
Prerequisites: MATH 131 and MATH 140 with grade of C or higher, or equivalent. MATH 131 can be taken concurrently with instructor’s permission.

MATH 152  
Calculus with Analytical Geometry I 5  
(Q, NS) First course in calculus sequence. Limits, continuity, differentiation and anti-differentiation of algebraic and trigonometric functions; applications; introduction to integration. For majors in engineering, science, mathematics and others requiring more than one quarter of calculus. Credits cannot be earned in both MATH 142 and 152.  
Prerequisites: MATH 147 with grade of C or higher, or equivalent.

MATH 153  
Calculus with Analytic Geometry II 5  
(Q, NS) Second course in calculus sequence. Integration and its applications, differentiation and integration and their applications to exponential and logarithmic functions. Techniques of integration, L'Hopital's Rule, and improper integrals. For majors in engineering, science, mathematics and others requiring more than one quarter of calculus.  
Prerequisites: MATH 152 with grade of C or higher, or equivalent.

MATH 154  
Calculus with Analytic Geometry III 5  
(Q, NS) Third course in calculus sequence. Infinite numerical series, power series, conic sections, polar coordinates, parametric equations, vectors in two and three dimensions, lines and planes. For majors in engineering, science, mathematics and others requiring more than two quarters of calculus.  
Prerequisites: MATH 153 with grade of C or higher, or equivalent.

MATH 252  
Calculus with Analytic Geometry IV 5  
(Q, NS) Continuation of basic calculus sequence for students who need preparation in multivariate calculus. Partial differentiation, multiple integration, vector calculus, vector analysis to include the theorems of Green, Gauss, and Stokes.  
Prerequisites: MATH 154 with grade of C or higher, or equivalent.

MATH 260  
Linear Algebra 5  
(Q, NS) Theory and applications. Matrices, matrix operations. Linear systems, determinants, Euclidean vector spaces and subspaces, linear transformations and changes of bases, eigenvalues and eigenvectors, applications.  
Prerequisites: MATH 153 with grade of C or higher, or equivalent.

MATH 261  
Differential Equations 5  
(Q, NS) 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.  
Prerequisites: MATH 252 or concurrent enrollment or equivalent.

MATH 281  
Elements of Statistics 5  
(Q, NS) Introductory course. Descriptive methods, probability, sampling distributions, hypothesis testing, confidence intervals, correlation, ANOVA, chi-square tests. For students in any major. Credit may not be earned in both MATH 281 and BUS 201.  
Prerequisites: MATH 140 or equivalent.

MEDICAL ASSISTING  
See Health Sciences

MEDICAL CODING  
Everett Community College’s Business Technology Department offers a Medical Coding program which utilizes state-of-the-art software and text materials used exclusively for the training of medical coders. The program is offered in an online environment, which may be entered at the beginning of any quarter and requires an average of about 35-40 hours of study time per week. The program is self-contained and focuses on providing the training required for the student to obtain an entry-level position as a medical coder. A certificate is awarded upon successful completion of this 36-credit program.

Contact: Business and Applied Technology Division Office, 425-388-9243.

MC 110  
Medical Patient Records 4  
Study of the medical record, insurance, reports, legal issues, and patient document terminology as it relates to reporting medical diagnoses and procedures.  
Corequisites: MC 120, MC 130.

MC 115  
Healthcare Reimbursement 2  
Presents information about healthcare facilities, types of healthcare providers, and physicians’ roles in medical billing and coding. Federal legislation and claim information is also presented.  
Corequisites: MC 160, MC 180.

MC 120  
Healthcare Vocabulary 5  
Study of vocabulary used in the healthcare office. Concepts of spelling, looking up words, learning root words, prefixes and suffixes, creating plural medical words, understanding the meanings of words, and differentiating between alike words are taught.  
Corequisites: MC 110, MC 130.

MC 122  
Medical Abbreviation 1  
Study of abbreviations used in the medical field to identify diagnoses, procedure, and locations of where treatment was performed.  
Corequisites: MC 135, MC 140, MC 150.

MC 130  
Structure and Function of the Human Body I 3  
Study of medical terms as they relate to anatomy basics in the musculoskeletal system, general body layout, and disease process. Emphasizes identification and location of musculoskeletal body parts.  
Corequisites: MC 110, MC 120.
MC 135
Structure and Function of the Human Body II 5
Study of medical terms as they relate to the basics of anatomy and physiology in the digestive, respiratory, reproductive, cardiovascular, endocrine, and nervous systems. Emphasizes disease processes of various body systems and parts.
Prerequisites: MC 120, MC 130 with C or higher. Corequisites: MC 122, MC 140, MC 150.

MC 140
Basics of Pharmacology 1
Study of drug categories, classifications, routes of administration, and therapeutic effects. Includes toxicology, immune responses, pain management, poisonings and anesthesia.
Prerequisites: MC 120 with C or higher. Corequisites: MC 122, MC 135, MC 150.

MC 150
Principles of Procedural Coding 5
Prepares students to analyze medical records and accurately assign CPT or HCPCS codes for clinic and hospital visits, medical procedures, and other treatment modalities. Prioritization and determination of level of code assignments are also taught.
Prerequisites: MC 120, MC 130 with C or higher. Corequisites: MC 115, MC 180.

MC 160
Principles of Diagnostic Coding 5
Trains students to use ICD-9-CM to assign correct diagnostic codes.
Prerequisites: MC 120, MC 130, MC 135, MC 122 with C or higher. Corequisites: MC 115, MC 180.

MC 180
Medical Coding Practicum 5
Provides practice in reading healthcare scenarios to assign correct procedural and diagnostic codes. Also helps to prepare students for certification testing.
Prerequisites: MC 120, MC 130, MC 122, MC 135, MC 150, MC 140 with C or higher. Corequisites: MC 115, MC 160.

MEDICAL TRANSCRIPTION
The Medical Transcription certificate program is offered through the Business and Applied Technology Division. Courses in medical terminology, anatomy, physiology, human disease processes and medical specialties provide the necessary medical knowledge for the student to correctly interpret the medical practitioner’s spoken dictation. Courses in English grammar, proofreading and editing teach the skills necessary to produce the written medical records which are used for billing purposes, to provide on-going patient care and as legal documentation in a court of law. Students will transcribe medical dictation of increasing difficulty while learning shortcuts to increase their productivity. Successful completion of this self-contained program prepares the student to enter the work force as an entry-level medical transcriptionist. A one-year certificate is awarded upon successful completion of this 42-credit program.
Detailed curriculum guides are available from the Enrollment Services Office and from program advisers.

Faculty Advisor:
P. Stettler 425-388-9247 pstettler@everettcc.edu or call toll-free 1-866-304-EVCC

MT 100
Keyboarding and Formatting Medical Reports 2
Emphasizes proper keyboarding techniques with the goal of achieving a typing speed of 50 corrected words per minute. Explores the purpose and required content of the medical record. Introduces formatting of the seven basic medical reports used in healthcare facilities (History & Physical, Discharge Summary, Consultation, Operative Report, SOAP Format, Radiology Report, Pathology Report) and delineates where it is appropriate to use medical abbreviations in those reports.
Prerequisites: Placement in ENGL 098 or above. BT 219 or equivalent and BT 100 or equivalent recommended. Corequisites: MT 120, MT 140, MT 200.

MT 120
Language of Medical Transcription 3
Medical terminology for the medical transcriptionist. Concentrates on medical prefixes, suffixes, root words, combining forms, and difficult-to-learn medical words which are commonly misspelled or do not follow the general rules of medical terminology. Includes formation of Greek and Latin plurals.
Corequisites: MT 100, MT 140, MT 200.

MT 140
Grammar Essentials for MTs 3
Develops the grammar skills necessary for the medical transcriptionist to produce a finished product that correctly utilizes general rules of English usage, punctuation and grammar. Enables the MT to identify and avoid run-on sentences and ensure proper subject/verb agreement.
Prerequisites: MT 100, MT 120, MT 200.

MT 160
Study of Human Body & Disease Processes I 3
Studies medical terms as they relate to human anatomy and physiology and disease processes in the following body systems: musculoskeletal, digestive, respiratory, and reproductive (male and female). Emphasizes correctly relating medical terms to particular body systems or body parts, knowing the anatomical location of that body system or body part, and being able to identify the major structures and functions of the above-mentioned body systems. Emphasizes which disease processes are found in the above-mentioned body systems. Emphasizes which disease processes are found in the above-mentioned physiologic systems.
Prerequisites: MT 100, MT 120, MT 140, MT 200. Corequisites: MT 180, MT 240.

MT 180
Study of Human Body & Disease Processes II 3
Covers medical terms as they relate to human anatomy and physiology and disease processes of the following body systems: excretory (male and female), cardiovascular, nervous, sensory, endocrine, and integumentary. Emphasizes correctly relating medical terms to particular body systems or body parts, knowing the anatomical location of that body system or body part, and being able to identify the major structures and functions of the above-mentioned body systems. Emphasizes which disease processes are found in the above-mentioned physiologic systems.
Prerequisites: MT 100, MT 120, MT 140, MT 200. Corequisites: MT 160, MT 240.

MT 190
Physical Exam, Lab Data, Pharmacology 2
This course explores common physical exam and laboratory findings and the significance of those findings being abnormal. Properly expressing laboratory test values is emphasized. Since abnormal physical exam or laboratory findings often result in the prescription of medications, the pharmacology of the most commonly prescribed drugs is studied.
Prerequisites: MT 100, MT 120, MT 140, MT 200. Corequisites: MT 160, MT 180, MT 240.
MT 200  
**Beginning Medical Transcription**  
Introduction to medical transcription including operation of word processing and transcribing equipment, application of the specialized rules of grammar and punctuation peculiar to medical dictation, and correct usage and spelling of medical terminology while transcribing reports in a variety of medical specialties. Includes when to use medical abbreviations, when to expand them, and how to use medical references and other resource materials. Introduces use of the Internet for research purposes. Explores the MT's role in the reimbursement cycle and risk management, emphasizing proper release of medical information. Students begin to learn to interpret the meaning of the transcribed medical report.  
Corequisites: MT 100, MT 120, MT 140.

MT 200A  
**Beginning Medical Transcription I**  
Introduction to medical transcription including operation of word processing and transcribing equipment, application of the specialized rules of grammar and punctuation peculiar to medical dictation, and correct usage and spelling of medical terminology while transcribing reports in a variety of medical specialties. Introduces use of the Internet for research purposes. Explores the MT's role in the reimbursement cycle and risk management. Explains ownership of the medical record, emphasizing proper release of medical information.  
Prerequisites: MT 100, MT 120, MT 140.

MT 200B  
**Beginning Medical Transcription II**  
Continuation of introduction to medical transcription including correct usage and spelling of medical terminology while transcribing reports in a variety of medical specialties. Includes when to use medical abbreviations, when to expand them, and how to use medical references and other resource materials. Students begin to learn to interpret the meaning of the transcribed medical report.  
Prerequisites: MT 200A.

MT 210  
**Editing and Proofreading for MTs**  
Application of grammar essentials to ensure correct sentence structure and subject/verb agreement. Utilization of correct punctuation to facilitate reading and understanding of the medical report. Emphasizes distinguishing between brand-name and generic drugs, breaking dictation into sentences and paragraphs to enhance readability, using the context of the medical report to distinguish and correct improperly used words or medical terms, and identifying and correcting mistakes made by the transcriptionist.  

MT 220  
**Focus on Medical Specialties for MTs**  
Focuses on the specialties of cardiology, ENT, dental, emergency medicine, gastroenterology, laboratory medicine, neurology, OB/gyn, and ophthalmology. Emphasizes medical terms, abbreviations, laboratory results, medications and procedures related to the above-named medical specialties.  
Prerequisites: MT 160, MT 180, MT 240. Corequisites: MT 210, MT 260, MT 280.

MT 240  
**Intermediate Medical Transcription**  
Entails transcription of prepared medical tapes in a variety of specialties to improve speed, accuracy, and productivity. Students will learn to identify obvious medical inconsistencies and when it is acceptable to edit, correct, clarify, or question medical dictation which is incorrect or ambiguous or which does not make sense. The role and value of professional organizations to the MT and the impact of regulatory agencies and production and accuracy standards and expectations in the work place are defined. Students show improved ability to interpret the meaning of the transcribed medical report.  
Prerequisites: MT 100, MT 120, MT 140, MT 200. Corequisites: MT 160, MT 180.

MT 240A  
**Intermediate Medical Transcription I**  
Entails transcription of prepared medical tapes in a variety of specialties to improve speed, accuracy, and productivity. Students will learn when it is acceptable to edit medical dictation and demonstrate the ability to make appropriate editing changes so the meaning or intent of the original dictation is not changed. The impact of production and accuracy standards and expectations in the work place are defined. Students show improved ability to interpret the meaning of the transcribed medical report.  
Prerequisites: MT 200 or MT 200A and MT 200 Corequisites: MT 160. B.

MT 240B  
**Intermediate Medical Transcription II**  
Entails transcription of prepared medical tapes in a variety of specialties to improve speed, accuracy, and productivity. Students will learn to identify and question dictation which is incorrect or ambiguous or which does not make sense. The role and value of professional organizations to the MT and the impact of regulatory agencies and production and accuracy standards and expectations in the work place are defined. Students show improved ability to interpret the meaning of the transcribed medical report.  
Prerequisites: MT 160, MT 240A. Corequisites: MT 180.

MT 260  
**MT Shortcuts/Technology/Employment**  
Covers the importance of and legal requirements for maintaining patient confidentiality. Delineates employment and self-employment opportunities in medical transcription and the advantages and disadvantages of each type of employment. Covers the requirements and logistics of setting up a home business and time management techniques for productivity when working at home. Studies the current technology and future trends of the business of medical transcription.  
Prerequisites: MT 160, MT 180, MT 240. Corequisites: MT 210, MT 220, MT 280.

MT 280  
**Advanced Medical Transcription**  
Advanced medical transcription enables the student to further improve speed, accuracy, and productivity while transcribing a variety of medical specialties. Emphasis is on correctly using medical terminology, appropriately editing, and properly deleting extraneous expressions which impede comprehension in order to produce a final neat, error-free transcript. The importance of planning for continuing education while working as an MT is stressed. The potential impact of the electronic health record on the MT is explored. Security issues related to dictation and transcription systems, including the importance of computer audit trails, is studied. Students continue to improve their ability to interpret the meaning of the transcribed medical report.  
Prerequisites: MT 160, MT 180, MT 240. Corequisites: MT 210, MT 220, MT 260.
MT 280A  
Advanced Medical Transcription I  
Advanced medical transcription enables the student to further improve speed, accuracy, and productivity while transcribing a variety of medical specialties. Emphasis is on correctly using medical terminology, appropriately editing, and properly deleting extraneous expressions which impede comprehension in order to produce a final neat, error-free transcript. The importance of planning for continuing education while working as an MT is stressed. The potential impact of the electronic health record on the MT is explored. Security issues related to dictation and transcription systems, including the importance of computer audit trails, is studied. Students continue to improve their ability to interpret the meaning of the transcribed medical report.  
Prerequisites: MT 160, MT 180, MT 240 or MT 240A and MT 240B. Corequisites: MT 190, MT 210.

MT 280B  
Advanced Medical Transcription II  
Advanced medical transcription enables the student to further improve speed, accuracy, and productivity while transcribing a variety of medical specialties. Emphasis is on correctly using medical terminology and appropriately editing the dictation in order to produce a final neat, error-free transcript. The importance of planning for continuing education while working as an MT is stressed. The potential impact of the electronic health record on the MT is explored. Students continue to improve their ability to interpret the meaning of the transcribed medical report.  
Prerequisites: MT 280A. Corequisites: MT 220, MT 260.

MULTI 210  
Web Design and Imaging Basics  
Concepts and techniques of design for the Internet. Study of information design, prototyping, navigational structure and image optimization using digital imaging software. Topics include how the Internet works, skills development in Web design software, interface, site, and page design, Web graphics, Web typography, site publication, site testing and quality assurance.  
Prerequisites: Some Macintosh computer experience or GRAPH 100 with a grade of C or higher.

MULTI 211  
Web Design and Site Management  
Web site design with an emphasis on architecture and interface design. Topics include hierarchically structured site plans, site navigation, page flow, defining design elements, information design, multimedia integration, symbols and words for navigation, mapping and metaphors, usability and readability, site testing and quality assurance. Emphasis on small business Web site design.  
Prerequisites: MULTI 210 with grade of C or higher or instructor’s permission.

MULTI 213  
Professional Projects: Web Design  
Current trends, professional issues and practices. Projects include creation of advanced level web design pieces, including corporate identity. Topics include printing issues, project planning, studio practice, contracts and invoicing. Co-listed as GRAPH 213.  
Prerequisites: MULTI 211 with a grade of C or better or instructor’s permission.

MULTI 221  
3D Photography and Virtual Imaging  
Principles of photography for the Internet with an emphasis on multimedia and panoramic treatments of subject matter. Topics include using conventional and digital cameras to produce large-scale panoramas, creating virtual objects for interactive product illustration on the Internet, creating virtual tours of interior and exterior spaces, scanning color negative and color slide film, exploring unconventional approaches to panorama and virtual space subject matter, and the software used to produce this imagery.  
Prerequisites: GRAPH 110 with a grade of C or better or instructor’s permission.

MULTI 250  
Multimedia Internship  
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.  
Prerequisites: Instructor’s permission.

MUSIC 100  
Fundamentals of Music  
(H) Introduction to concepts and terminology of music including rhythm, notation, scales, key signatures, tonality, and basic chords.  

MUSIC 109  
Music for the Listener  
(H) 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.
MUSIC 110D  
World Music  
(H, D) 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 musics. 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.

MUSIC 115  
Popular Music in America  
(H) 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.

MUSIC 116  
Survey of Jazz  
(H) 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.

MUSIC 121, 122, 123  
Class Piano - Elementary, Intermediate  
(HP) Class instruction in piano. Open to all students.

MUSIC 124  
Class Voice  
(HP) Basic principles of good singing and performance. Beginning sight singing and ear training. Open to all students at any performance level. May be repeated two times for credit.

MUSIC 125  
Intermediate Class Voice  
(HP) Intermediate class instruction in voice. Beginning sight singing and ear training. May be repeated two times for credit.

MUSIC 126  
Singing on Stage  
(HP) Instruction and experience using healthy singing techniques and natural projection to sing on stage focusing on musical theater and operetta repertoires. Some singing experience recommended. May be repeated two times for credit.

MUSIC 128  
Class Guitar  
(HP) Class instruction in guitar. May be repeated two times for credit.

MUSIC 140  
Performance Ensemble  
(HP) Vocal ensemble. Students study varied fare from madrigals to jazz and musical theater. Concerts on and off campus. May be repeated two times for credit.

MUSIC 147  
Everett Youth Symphony  
(HP) Preparation and performance of standard orchestral literature. Evenings only. Open to interested instrumentalists, maximum age 21, no minimum. May be repeated two times for credit.

Prerequisites: Audition for all new instrumentalists.

MUSIC 151-159  
Individualized Instruction in Applied Music  
(HP) Individual instruction in performance medium, to be arranged. 151-Piano; 152-Voice; 153-Strings; 154-Woodwinds; 155-Brass; 156-Percussion; 157-Organ; 158-Accordion; 159-Guitar. Instructor assigned by arrangement with chair of music faculty. May be repeated up to 12 credits in each medium.

Prerequisites: Written permission from Chair of Music Department.

MUSIC 175  
Everett Chorale  
(HP) Preparation and performance of choral literature. Evenings only. May be repeated up to 12 credits.

Prerequisites: Audition for all new singers.

MUSIC 217  
Private Instruction in Composition and Improvisation  
(HP) 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.

MUSIC 280, 281, 282  
Piano Pedagogy  
(HP) Principles of effective studio teaching; survey and evaluation of teaching materials. Offered primarily for piano teachers.

Prerequisites: Instructor’s permission

NATURAL SCIENCE

See also Science Programs

Faculty Advisors:
R. Kratz 425-388-9503 rkratz@everettcc.edu
P. Pape-Lindstrom 425-388-9480 ppape@everettcc.edu

NAT S 101  
Science Matters  
(NS-L) An exploration of the modern collaborative role that science plays in technology and society. Critical examination of myths about science and scientists. Presentation of a unifying theme, such as the application of light to physics, chemistry, and biology: How light is used to observe our surroundings, how light works, light properties, the effects of light on life and the environment in our universe. Laboratory projects stress experimentation, discoveries, and group collaboration.

Prerequisites: ENGL 098 and MATH 017 (or equivalent).

NAT S 107  
Physical Science for Everybody  
(NS-L) Hands-on exploration of how motion, energy, and forces affect the way things work. For non-science majors. Highly recommended for elementary education majors.

Prerequisites: ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level; MATH 017 with grade of C or higher or skills assessment at MATH 027 or higher level.
NIPPOON BUSINESS INSTITUTE

Due to a variety of factors, the nations of the world are developing closer, more interdependent political, social and economic relationships. The relationship that exists between the U.S. and Japan is one of the most important international relationships, yet often when representatives of these two global giants meet there are reports of friction and a “cultural gap.” Through education, it is possible to build bridges that lead to improved and mutual understanding of culture, history, business practices, communication styles, and economic issues.

It is up to those within businesses, organizations, agencies and educational institutions to try to bridge the cultural gap between the U.S. and Japan. It is likely that you are one of those who can help achieve this goal because now, or in the near future, every resident in the State of Washington will interact with someone from Japan on some level. Interactions might be with an important customer, a major vendor, a business partner, a competitor, a government official or even a friend or neighbor. Developing the skills to succeed in this exciting and challenging environment is the mission of Everett Community College’s Nippon Business Institute (NBI).

The NBI offers an Endorsement in U.S.-Japan Intercultural Fundamentals for those wanting to become more effective in their international interactions. Students study Japanese language, culture, history, effective business management and communication styles. The endorsement courses are transferable and can apply to the Associate in Arts and Sciences degree for both business and non-business transfer students. Students also have the opportunity to apply for a short cultural and language immersion opportunity in Japan.

See the Humanities and Japanese sections of this catalog for cultural and language course descriptions or visit our website at http://www.everettcc.edu/NBI for the curriculum guide for the NBI’s Endorsement in U.S.-Japan Intercultural Fundamentals.

Faculty Advisor:
M. Smith 425-388-9380 msmith@everettcc.edu

NURSING

The Nursing Program offers a career mobility approach to nursing education by providing courses of study that prepare graduates for licensure as Practical Nurses and/or Registered Nurses.

The curriculum includes a strong foundation in communication, biological and social sciences, general education, and nursing courses. Students integrate theory and practice throughout the Nursing Program. Application occurs in campus laboratories, classroom settings, acute care hospitals, long-term care facilities, and community health-care settings.

Graduates receive a Certificate in Practical Nursing and/or an Associate Degree of Arts and Sciences in Nursing after which they must satisfactorily complete the NCLEX-PN and/or NCLEX-RN exam to become Licensed Practical Nurses or Registered Nurses. Licensed graduates are qualified for employment as entry-level staff nurses.

Program Approval and Accreditation

The Everett Community College Nursing Program is approved by:

Washington State Nursing Care Quality Assurance Commission
PO Box 47864
Olympia, WA 98504-7864
360-236-4702

and is accredited by:
National League for Nursing Accrediting Commission
61 Broadway
New York, NY 10006
212-363-5555 ext. 153 or 1-800-669-1656
www.accrediting-comm-nlnac.org

Characteristics of the LPN Graduate:

1. Under the supervision of the RN, participate with the client, family, significant others, and members of the health care team to:
   • Assess the client’s physiological, psychological, sociocultural, and developmental functioning.
   • Establish goals directed toward preventing illness and restoring optimal health.
   • Explore options for care management of stable client situations.
   • Evaluate the outcomes of nursing actions to determine goal attainment.

2. Demonstrate critical thinking skills in the delivery of holistic care to well and ill clients, appropriate to the LPN level of practice.

3. Employ effective communication with clients, families, and other professionals within the context of the environment.

4. Demonstrate behaviors consistent with the ethical and legal framework of nursing.

5. Utilize multiple resources to create an environment that promotes the client’s self esteem, dignity, safety, and comfort.

6. Utilize a scientific knowledge base regarding alterations in health to guide actions, which maintain the client’s optimum health.

7. Demonstrate commitment, accountability, integrity, and discretionary judgment in their nursing practice, appropriate to the LPN level of practice.

8. Recognize the graduate’s role in shaping health care delivery.

9. Articulate a professional plan.

Characteristics of the RN Graduate

Upon completion of the Nursing Program, the graduate will:

1. Participate with the client, family, significant others, and members of the health care team to:
   • Assess the client’s physiological, psychological, sociocultural, and developmental functioning.
   • Establish goals directed toward preventing illness and promoting and restoring optimal health.
   • Explore options for care management of complex client situations.
   • Evaluate the outcomes of nursing actions to determine goal attainment.

2. Demonstrate critical thinking skills in the delivery of holistic care to well and ill clients.

3. Employ effective communication with clients, families, and other professionals within the context of the environment.

4. Demonstrate behaviors consistent with the ethical and legal framework of nursing.

5. Utilize multiple resources to create an environment that promotes the client’s self esteem, dignity, safety, and comfort.

6. Utilize a scientific knowledge base regarding alterations in health to guide actions which promote and maintain the client’s optimum health.

7. Demonstrate commitment, accountability, integrity and discretionary judgment in nursing practice.

8. Recognize the graduate’s role in shaping health care delivery.

9. Formulate a plan for attaining professional goals and beginning the role transition.
Admission to the Nursing Program

Admission to the program is based upon factors which have been determined to be indicators of future success in the EvCC nursing program and in the nursing profession. Specific admission criteria are:

- Completion and level of attainment of U.S. high school and college requirements (see nursing curriculum guide for specifics).
- Demonstration of the Essential Qualifications (see nursing curriculum guide for specifics).
- Demonstration of the ability to think critically, follow directions, problem solve, show understanding and commitment to the nursing profession.

Applications are accepted on an ongoing basis and are processed immediately following a deadline date. Only complete applications are considered for acceptance into the program (see nursing curriculum guide for specific deadline dates and criteria which indicates that an application is complete). It is the responsibility of the student to ensure that materials are present in his/her file.

Applicants are selected for the nursing program using information gathered from:

a) review of the student’s academic file (see nursing curriculum guide for details of the file review); and

b) personal interview (Students are chosen for interview based on a review of the student’s file. Due to the increasing number of applicants, not all are asked to participate in an interview.)

Regular Nursing Information Sessions are held for the purposes of discussing the profession of nursing and the role of the nurse, as well as Everett’s nursing program and requirements. Additional detailed written information about the application, selection, and admission process is found in the Nursing Curriculum Guide. Contact the nursing records office to obtain a schedule of Nursing Information Sessions or to receive an application packet containing the curriculum guide (425-388-9461).

Transferring Students

Transfer students seeking advanced placement may be accepted from other nursing programs on a space available basis. Advanced placement students are not required to compete for entry, but instead are individually evaluated and a course of study is designed for each student based on the candidate’s previous nursing experience and education. Additional information regarding advanced placement is found in the Nursing curriculum guide.

Licensed Practical Nurses Seeking Advanced Placement

Advanced placement for LPNs who hold a current license in Washington State is provided through a structured course of study. Application to the program, evaluation of transcripts and experience, and admission to the Nursing Program is necessary prior to entrance into the Nursing courses. Additional written information regarding this program is available from the Nursing Records Office (425-388-9461).

LPN Program Requirements

Prerequisite courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
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<tr>
<td>English Composition</td>
<td>5</td>
</tr>
<tr>
<td>Biology 160</td>
<td>5</td>
</tr>
<tr>
<td>Cellular Biology</td>
<td>5</td>
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<tr>
<td>Biology 235</td>
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</table>

Required Support courses

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Psychology 203</td>
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</tr>
<tr>
<td>Developmental Psychology</td>
<td>5</td>
</tr>
<tr>
<td>Speech 100</td>
<td></td>
</tr>
<tr>
<td>Interpersonal Communications</td>
<td>5</td>
</tr>
<tr>
<td>Biology 237</td>
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</tr>
<tr>
<td>Human Physiology</td>
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Nursing courses

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<th>Course</th>
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<tr>
<td>Nursing 110</td>
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<tr>
<td>Nursing Therapeutics I: Introduction to Nursing and</td>
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</tr>
<tr>
<td>the Client</td>
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</tr>
<tr>
<td>Nursing 120</td>
<td></td>
</tr>
<tr>
<td>Nursing Therapeutics II: Chronicity and Rehabilitation</td>
<td>13</td>
</tr>
<tr>
<td>Nursing 130</td>
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<tr>
<td>Nursing Therapeutics III: Acute Illness</td>
<td>13</td>
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<tr>
<td>Nursing 210</td>
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<tr>
<td>Nursing Therapeutics IV: Family Health and Reproduction</td>
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</tbody>
</table>

Total Credits: 84.5 credits

RN Program Requirements

In addition to the requirements listed above for the LPN student:

Required Support Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 250</td>
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<tr>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>Sociology 110</td>
<td></td>
</tr>
<tr>
<td>Introduction to Sociology or</td>
<td></td>
</tr>
<tr>
<td>Anthropology 202D</td>
<td></td>
</tr>
<tr>
<td>Principles of Sociocultural Anthropology</td>
<td>5</td>
</tr>
</tbody>
</table>

Nursing Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Nursing 220</td>
<td></td>
</tr>
<tr>
<td>Nursing Therapeutics V: Multisystem Disorders</td>
<td>13</td>
</tr>
<tr>
<td>Nursing 230</td>
<td></td>
</tr>
<tr>
<td>Nursing Therapeutics VI: Nursing Perspectives and</td>
<td>12</td>
</tr>
<tr>
<td>Issues</td>
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</tr>
</tbody>
</table>

Total Credits: 119.5 credits

Post-graduation Transfer to a Baccalaureate Program

General education courses are available for pre-nursing students and registered nurses planning to transfer to a university for a baccalaureate degree in nursing. Since requirements for individual schools vary, maintaining contact with a Nursing advisor and the four-year institution is important.

EvCC maintains an articulation agreement for admission and credit transfer with the University of Washington-Bothell. Prospective students are encouraged to discuss this program with a Nursing advisor in order to maximize this opportunity.

Faculty Advisors:

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone 1</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>K. Brasfield</td>
<td>425-388-9474</td>
<td><a href="mailto:kbrasfield@everettcc.edu">kbrasfield@everettcc.edu</a></td>
</tr>
<tr>
<td>J. Corbin</td>
<td>425-388-9476</td>
<td><a href="mailto:jcorbin@everettcc.edu">jcorbin@everettcc.edu</a></td>
</tr>
<tr>
<td>K. Dotson</td>
<td>425-388-9469</td>
<td><a href="mailto:kdotson@everettcc.edu">kdotson@everettcc.edu</a></td>
</tr>
<tr>
<td>V. Hansen</td>
<td>425-388-9466</td>
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<td>425-388-9473</td>
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<tr>
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<td>425-388-9015</td>
<td><a href="mailto:rochelle@everettcc.edu">rochelle@everettcc.edu</a></td>
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<tr>
<td>C. Shannon</td>
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<td><a href="mailto:cshannon@everettcc.edu">cshannon@everettcc.edu</a></td>
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<td>D. Tri</td>
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</tr>
<tr>
<td>N. Zoeller</td>
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NURS 095  
Success Strategies for Nursing Study  
Course is designed to assist the nursing student to experience success in the nursing program. Content includes problem solving and study strategies specific to the art and science of nursing. Practice is offered in critical thinking and reasoning skills, application of the nursing process, test taking skills, and preparation for learning related to study required for nursing courses.

Prerequisites: Admission to the Nursing Program, selection by the Nursing Admission Committee.

NURS 100  
Nursing Assistant Certified  
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.

Prerequisites: High school diploma or GED and completed student immunization record.

NURS 104  
Critical Thinking in Nursing  
Focuses on critical thinking and nursing professionalism. Students explore levels of critical thinking, individual assumptions and blocks to critical thinking and evaluate alternatives for problem solving. Individual and group participation activities and review of actual case studies will focus on cognitive and affective skills, therapeutic communication skills, values clarification, cultural value setting, clinical decision-making, and ethical decision-making.

Prerequisites: Acceptance into the Nursing Program.

NURS 110  
Nursing Therapeutics I: Introduction to Nursing and the Client  
Introduces caring as a framework underlying nursing as a science and a profession. Four concepts are examined: client, nursing, health, and environment. Themes of nursing process, problem solving, communication, teaching, learning ethics, and legal aspects are introduced. Models of health care delivery are explored. Additionally, altered health states of protective and healing mechanisms are introduced to provide a foundation for studying diseases and disorders of human functioning. Topics include cellular injury, inflammation, wound healing, ineffective thermoregulation, infection, immune response, stress, and activity intolerance. During lab, students develop the concept of health promotion as a basis for assessing and intervening to maintain wellness. Holistic dimensions of client assessment are presented along with techniques used in communication, interviewing, history taking, diagnostic reasoning, and health promotion. The student will apply techniques of physical assessment through practice on well adults. Documentation techniques are incorporated throughout the course. Specific health related issues focus on the middle and older aged adult. Basic skills of nursing are included in this course.

Prerequisites: ENGL 101, BIOL 160, BIOL 235. Acceptance into the Nursing program.

NURS 120  
Nursing Therapeutics II: Chronicity and Rehabilitation  
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.

Prerequisites: ENGL 101, BIOL 160, BIOL 235. Acceptance into the Nursing program.

NURS 130  
Nursing Therapeutics III: Acute Illness  
Continuation of Nursing 120. Explores increasingly complex body system alterations and presents the nursing therapies connected with these alterations. Emphasizes cognitive, interpersonal, and technical activities. Presents problems in oxygenation, oxygen transport, blood coagulation, blood flow and pressure, cardiac output, tissue perfusion, renal/urinary function, gastrointestinal function, and neuro-biology of selected psychological disorders. During the lab students develop nursing skills and judgments through the use of the nursing process, critical thinking, and self-reflexive activities. Students utilize collaborative learning in the planning, implementation, and evaluation of nursing care for adults experiencing selected health alterations presented in NURS 130.

Prerequisites: NURS 120 and SPCH 100.

NURS 150  
NCLEX Preparatory Course  
Overview of the nursing knowledge base as applied to the NCLEX test plan. Learning experiences target the critical content areas of the examination for the student. The course is designed to enhance the student’s probability of successfully passing the NCLEX examination for RN licensure.

Prerequisites: Successful completion of four quarters of the Nursing program.

NURS 184  
Career Mobility for LPNs  
Transitional course for LPNs eligible for advanced placement into associate degree nursing program. Introduces the practical nurse to the process of change inherent in the transition to the role of registered nurse. Content is defined within the construct of role components of the RN. Emphasis is placed upon self-awareness, recognition of client diversity, and professionalism. Learning activities provide for skill development in physical assessment, application of the nursing process to decision-making, critical thinking, interpersonal communication, and management of the care environment. Self-paced modules provide a review of selected alterations in health.

Prerequisites: Acceptance into the nursing program. Completion of ENGL 101, PSYCH 100 and PSYCH 203, SPCH 100, BIOL 160, BIOL 235, BIOL 237, BIOL 250, Washington State LPN license. Corequisites: NURS 130.

NURS 210  
Nursing Therapeutics IV: Family Health and Reproduction  
Represents an integrated view of responses to normal growth and development from infancy through adolescence and the expanding family. Selected health problems of women and children are examined in relation to epidemiology, risk factors, pathologic mechanisms, and clinical manifestations. Content incorporates rationale for health care interventions including diagnostic methods and treatment. Opportunities for the development of cognitive, interpersonal, and technical skills essential to the care of women, children, and families are provided. During the lab students have opportunities to apply the art and science of nursing in the analysis, synthesis, provision, and evaluation of client care. This course utilizes the nursing process and critical thinking skills as a basis for the care of women, children, and families.

Prerequisites: NURS 130 and PSYCH 203.
### NURS 220
**Nursing Therapeutics V: Multisystem Disorders** 13
Explores multi-system physical and mental health alterations and related nursing therapies. Presents rationale for interventions, including assessment, diagnostic methods and treatments. Nursing therapies emphasize cognitive, interpersonal and technical activities. Burns, cancer, dissociative disorder, head injury, hepatic failure, HIV/AIDS, perioperative care, personality disorder, renal failure, schizophrenia, shock, and spinal cord injuries are addressed. During the lab students develop increasingly complex nursing skills and judgments through the use of critical thinking, nursing process, and self-evaluation. This course promotes collaboration with peers and health care professionals to plan, implement, and evaluate nursing care for adults with multisystem alterations.

Prerequisites: NURS 210 and BIOL 250.

### NURS 230
**Nursing Therapeutics VI: Nursing Perspectives and Issues** 12
Addresses aspects of “being” a nurse by exploring values, nursing ethics, legal issues, power, politics, information technology, leadership and the business of managing care in a changing and diverse healthcare delivery system. Includes personal practice issues of role transition, stress management (burnout and reality shock), collective bargaining, and professional maturation. Integrates the analysis of actual and simulated clinical questions. Incorporates symptom analysis, complex nursing management and telephone assessment of actual and potential client problems. During the lab students have clinical experiences in a selected site. In some situations staff nurses serve as mentors or preceptors.

Prerequisites: NURS 220, SOC 110 or ANTHR 2020.

### NURSING, CONTINUING EDUCATION
Nursing offers continuing education courses, workshops, and conferences for registered nurses, licensed practical nurses, and other health care personnel. Designed to enhance basic knowledge and enable the student to remain current with the rapidly growing body of knowledge in the health care field, these programs vary in length and depth of content; they are offered during both day and evening hours. Contact the Nursing Department, 425-388-9461.

### NURS 265
**LPN Refresher** 16
Enables inactive licensed practical nurses or LPNs seeking a change in work environment to resume a nursing career with confidence and competence by updating, reviewing and expanding nursing knowledge and re-establishing nursing skills. Prerequisites: Admission to the Nursing Program. Practical nurse licensure in Washington State ("limited educational licensure").

### NURS 270
**Current Practices in Nursing** 16
Provides content to enable the inactive registered nurse to resume a nursing career. Clinical experiences take place in selected sites using staff nurses as mentors or preceptors. Emphasis is placed on updating, reviewing and expanding nursing knowledge while re-establishing nursing skills.

Prerequisites: Registered nurse licensure in Washington State ("limited educational" licensure); admission by instructor’s permission.

### NURS 275
**Post Graduate Clinical Practicum: Acute Care** 12
Provides currently licensed graduates of registered nursing programs a supervised acute care clinical work experience in which to apply theory and clinical skills to foster professional growth and gain self confidence. Competency based, experience centered. 360 hours.

Prerequisites: Graduation from NLN approved school of nursing; current licensure as registered nurse in state of Washington; current immunization profile, CPR and Washington State Patrol background check.

### NUTRITION
Nutrition is currently a topic of great interest in the United States, since good nutrition has such an impact on wellness and the prevention of many common chronic diseases. It is even being discussed in the political arena, with current legislative proposals to change nutrition requirements in the schools, and proposals to improve food labeling. Nutrition courses at Everett Community College primarily serve non-majors, and do meet the non-lab natural science requirement for a non-science major Associates Degree. Students in nutrition classes learn the basic science and also practical application, including analyzing their own diets. For students interested in majoring in nutrition, there is a curriculum guide outlining recommended courses for transfer to a university. Students wishing to major in nutrition are strongly advised to meet with an advisor at Everett Community College as soon as possible after enrolling.

Faculty Advisor:
N. Vandenberg 425-388-9455 nvandenberg@everettcc.edu

### NUTRI 150
**Nutrition** 5
(NS) Basic principles of nutrition for infants, children adolescents and adults; guidelines for healthy diet, nutrient functions and food sources; and the role of nutrition in maintenance of optimal health, physiological growth and development, and disease prevention.

Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level.

### NUTRI 160
**Sports Nutrition** 3
(NS) 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 aids, dietary supplements, and nutritional practices promoted to enhance athletic performance. Body composition analysis also included.

Prerequisites: MATH 017 or skills assessment at MATH 027 or higher level; ENGL 098 with grade of C or higher or skills assessment at ENGL 101 or higher level; NUTRI 150 recommended.

### NUTRI 170
**Nutrition & Disease Prevention** 3
(NS) The role of nutrition in the prevention and treatment of chronic diseases. Review of basic nutrition concepts; an in-depth look at how nutrition and exercise affect risk of heart disease and stroke, hypertension, obesity, diabetes, cancer, osteoporosis and other diseases. Evaluation of different diet plans, and overview of the use of various supplements.

Prerequisites: NUTRI 150 or any biology course; MATH 017 or skills assessment at MATH 027 or higher level.
**PHILOSOPHY**

Faculty Advisor:  
M. VanQuickenborne  
425-388-9385  
mvanquickenborne@everettcc.edu

**PHIL 100**  
Introduction to Philosophy  
(H, SS) 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 110**  
Social Ethics  
(H, SS) A socio-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 118**  
Critical Thinking  
(H, SS) The course will 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**  
Formal Logic  
(Q, NS) 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.

**PHIL 150**  
Philosophy in the Cinema  
(H) Discussions of major philosophical questions and theories as they are raised in films from a wide variety of genres, countries, and times. Consists of film presentations, class discussions, short philosophical essays, and student written work in response to these.  
Prerequisites: Placement in ENGL 101 is advised.

**PHIL 215**  
Ethics  
(H, SS) The course is a 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. At the conclusion of the course students will be better equipped to understand why individuals differ in their moral judgments, and have the tools they need to continue their own investigations of ethical issues.

**PHIL 267**  
Philosophy of Religion  
(H, SS) The course is 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.

**PHLEBOTOMY**

See Health Sciences

**PHOTOGRAPHY**

With the opening of new state-of-the-art facilities in Whitehorse Hall in Winter Quarter of 2007, the Photography Program will emphasize the use of digital technology. Students will have access to digital tools including SLR cameras, film and flatbed scanners, printers, and computers to produce work that meets professional expectations in contemporary photography. The department offers a program for photography majors as well as courses that all students will find of interest. Study in photography can lead to either an Associate in Fine Arts degree or an Associate in Arts and Sciences - Option II university transfer degree.

**PHOTOGRAPHY**

See Business Technology
In the first year of study, students will take foundation coursework, emphasizing visual and technical theories. Study includes camera operation, digital computer processing, visual theory, design principles, and the history of photography as an art form. Students are introduced to Zone System principles, digital pinhole photography and other experimental processes, as well as basic elements of color digital photography. In the second year, coursework emphasizes advanced digital processes and printing, color management methods, experimental imaging processes, lighting and studio applications. In addition to this degree program, Photography also offers occasional workshops that emphasize specialty subjects in contemporary and historical photographic processes.

Faculty Advisors:
E. Felsenthal 425-388-9149 efelsenthal@everettcc.edu
L. Weller 425-388-9366 lweller@everettcc.edu

PHOTO 110
Photography I: Basic Elements 5
(HP) Beginning course for students majoring or interested in photography. Technical considerations include digital SLR camera operation (depth of field, motion control, exposure determination), basic Photoshop techniques, image processing and output theory and practice, history of photographic materials and techniques. Aesthetic concerns include traditional design and compositional theory. Group critique sessions offer the opportunity for idea development and interpretation and evaluation of photographic imagery via written and verbal exchange. Required for AFA Photography degree.

PHOTO 115
Elements of Photography 3
(TE) Introduction to black and white photography and mastery of basic camera operations. Non-darkroom course focusing on camera operation, film and printing theory, history of materials and techniques. Aesthetic concerns include traditional design and compositional theory. Group critique sessions offer opportunity for development of visual literacy, critical skills and verbal exchange. Lectures, slide and film presentations, and critique. For non-majors and community interest.

PHOTO 116
Workshop in Photography 3
(TE) A workshop designed for the study of various techniques and conceptual considerations important to photography. May include traditional or non-traditional picture-making options. Students develop photographic project with instructor and class assistance. Weekly critique sessions focus on aesthetic, conceptual, and technical considerations. 
Prerequisites: PHOTO 115, PHOTO 121, or higher or instructor’s permission.

PHOTO 117
Advanced Black & White Printing Techniques 3
(TE) Study of black-and-white printing techniques, including characteristics of printing papers and chemicals. Print tests used to explore tonal value and chemical manipulation for extended control. Student’s portfolio will include all test results, data, and a series of personal photographs exemplifying printing control. 
Prerequisites: PHOTO 116, PHOTO 121, or instructor’s permission.

PHOTO 118
Non-Silver Processes 3
(TE) Applied study of historical photographic processes collectively known as non-silver. Each section will concentrate on one or two non-silver processes offering an opportunity to acquire a working knowledge with the technical application and unique visual characteristic of the process in question. Gum Bichromate, Van Dyke, Cyanotype, and Albumen are a few of the possible processes highlighted in this course. Class is designed to supplement PHOTO 230, History of Photography. 
Prerequisites: PHOTO 115, PHOTO 121, PHOTO 230 or instructor’s permission.

PHOTO 121
B&W Photo: Basic Elements 5
(HP) Intensive beginning course for students majoring or seriously interested in photography. Technical considerations include camera operation (depth of field, motion, exposure determination), film theory and film development, printing theory and practice, history of printing materials, and printing techniques. Aesthetic concerns include traditional design and compositional theory. Group critique sessions offer opportunity for idea of development, understanding the meaning of pictures, and verbal exchange. Required for Photography degree.

PHOTO 122
B&W Photo: Zone System 5
Prerequisites: PHOTO 121 or instructor’s permission.

PHOTO 123
B&W Photo: Exploration and Evaluation 5
(HP) Third course in the Basic Photography series. Pinhole camera and imagery as the basis of study of criticism in photography, describing photographs, interpreting photographs, and evaluation of photographic work. Students will make their own pinhole camera, learn to work with large format films, and will use this format to produce a major photographic project resulting in a portfolio. 
Prerequisites: PHOTO 121 and PHOTO 122 or instructor’s permission.

PHOTO 130
Elements of Color Photography 3
Study of the basic aesthetic, perceptual and technical theories of color photography. Using color transparency film, a series of projects, lectures, slide presentations and videos will guide the student to an understanding of color photography as a form of creative expression. This is the foundation course for the color photography sequence. E-6 processing chemicals will be provided by the department.
Prerequisites: PHOTO 115, PHOTO 121, or instructor’s permission.

PHOTO 151
Photojournalism I 5
(HP) Editorial and interpretive photography for publication. Composition and photography of people emphasized; spontaneous expressions and true character of subject. Environmental portraits; interaction in people. 35mm equipment is emphasized. Various lenses, process alterations, flash, sports. Working with editors and project deadlines.
Prerequisites: PHOTO 121.

PHOTO 170
College Newspaper Photography 3
Photojournalism for The Clipper, the college newspaper. News, features, sports, and photo-illustration. Page design and layout emphasized. Photographers work collaboratively with student editors, reporters, and co-advisors. Training for initiative and collaborative work. May be repeated two times for credit.
Prerequisites: Instructor’s permission.
PHOTO 210
Digital Imaging I
(HP) Foundation course for digital color imaging series. Primary emphasis on enhancing photographs with digital color correction techniques using Adobe Photoshop. Additional emphasis on Histogram interpretation, digital printing techniques, colorizing, use of the digital SLR camera and critical evaluation of student projects. Course work will result in a portfolio of digital photographs using the techniques and design theories presented in class.
Prerequisites: PHOTO 122 or instructor’s permission.

PHOTO 211
Digital Imaging II
(HP) Advanced course in digital color processes. Will include advanced use of digital SLR cameras, RAW capture, Photoshop RAW filter, layer applications for advanced color correction, digital retouching, basic image composite methods, filters, blend modes and image research. Projects will lead to a portfolio of work exhibiting advanced skills with scanning techniques, Adobe Photoshop, and pigment-based printing methods.
Prerequisites: PHOTO 210 or instructor’s permission.

PHOTO 212
Digital Imaging III
Prerequisites: PHOTO 211 or instructor’s permission.

PHOTO 221
Color Photography I: Printing
(HP) Color printing theory and practice using traditional white light printing methods, negative film to positive print, traditional and experimental applications. Design projects acquaint students with visual theory. Students will use C-41 and color print processor. The department supplies all chemistry and the color print processor. Students supply own film, paper and mounting materials.
Prerequisites: PHOTO 116, PHOTO 122, or instructor’s permission.

PHOTO 222
Color Photography II: Digital Imaging
(HP) Digital color photography using Adobe Photoshop™ as an extension of traditional color darkroom techniques. Film and print scanning, retouching techniques for black and white and color photographs, digital hand coloring, digital color balancing, advanced uses of curves and histograms, layers, channels, compositing, digital retouching, masking, and print output methods. Emphasis will be on enhancing and visually expanding traditional and experimental photographic images using digital methods.
Prerequisites: PHOTO 221 or instructor’s permission.

PHOTO 223
Color Photography III: Advanced Digital Imaging
Prerequisites: PHOTO 221 or PHOTO 222, Graphic Arts advised, or instructor’s permission.

PHOTO 230
History of Photography
(HE) An overview of the history of 19th and 20th century photography with attention to the sociological and pictorial contexts. Enables both the professional photographer and the lay person to view photographs intelligently as both aesthetic experience and factual report.

PHOTO 235
Portfolio Development
(HP) An advanced course designed for students nearing the completion of their Institute work in photography. Professional portfolio techniques, including interviewing, resume preparation, portfolio design and development, editing, and self-assessments, will be presented and explored. Lectures and presentation lab exercises, guest presentations, and development of personal style.
Prerequisites: Advisor or faculty recommendation required.

PHOTO 243
Studio Photography I
Study of tungsten studio lighting and large-format camera techniques. Projects familiarize students with diverse concepts in studio lighting, subject manipulation and statement control, and fully acquaints students with 4x5 camera and lens use. Cameras, lenses, studio tripod, and all studio lighting systems are provided.
Prerequisites: PHOTO 122 or PHOTO 116.

PHOTO 244
Studio Photography II
Photographing people in studio and location environments using studio and location electronic flash systems and methods, traditional and non-traditional portraiture, set design and directing. Student projects may be of personal or commercial nature. Studio and location electronic flash units, all camera formats, tripods, and flash meters are provided. May work in black and white, color, or both.
Prerequisites: PHOTO 243 or instructor’s permission.

PHOTO 250
Photography 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.
Prerequisites: Instructor’s permission.

PHOTO 295
Portfolio Development
5
(HP) An advanced course designed for students nearing the completion of their Institute work in photography. Professional portfolio techniques, including interviewing, resume preparation, portfolio design and development, editing, and self-assessments, will be presented and explored. Lectures and presentation lab exercises, guest presentations, and development of personal style.
Prerequisites: Advisor or faculty recommendation required.

PHYSICAL EDUCATION,
HEALTH AND WELLNESS

The physical education and health program provides students with the opportunity and knowledge to establish and maintain a healthful lifestyle through physical activity. A wide variety of activity classes are available each quarter. Classes are appropriate for beginning through advanced skill and fitness levels. Three credits of activity classes may be applied to the AAS Degree - Option II.

Contact: Physical Education office - J. Allen 425-388-932 jallen@everettcc.edu

Fitness Activities
PEHW 100
Beginning Yoga
1-2
(TE) A “no sweat” exercise program designed to improve fitness through development of flexibility, strength, and vitality. Special emphasis on techniques for stress reduction, relaxation, posture and deep breathing. Introduction to visualization and meditation plus yogic diet and lifestyle. May be repeated two times for credit.
PEHW 101
Intermediate Yoga 1-2
(TE) Progressive training in yoga postures, special breathing techniques, breath control, relaxation, visualization, mental concentration, and meditation; exploration of yogic diet and lifestyle. Yoga is designed to bring about greater harmony between body, emotions, intellect, and spirit. For students who have taken PEHW 100 or those with previous experience, or by permission of instructor. May be repeated two times for credit.

Prerequisites: Previous experience or completion of PEHW 100, or instructor’s permission.

PEHW 103
Beginning Karate 1-2
(TE) 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. May be repeated two times for credit.

PEHW 104
Intermediate Karate 1-2
(TE) 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.

Prerequisites: Completion of PEHW 103 or instructor’s permission.

PEHW 105
Advanced Karate 1-2
(TE) 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.

Prerequisites: Completion of PEHW 104 or instructor’s permission.

PEHW 108
Cardiovascular Exercise Therapy 1-2
(TE) RN supervised Phase III/IV rehabilitation exercise program for people with known coronary artery disease, or other risk factors like stress, high blood pressure, diabetes, a history of smoking or sedentary lifestyle. Participants use stationary bikes, Nordic track, Universal equipment, and treadmills. Risk factor modification strategies and informal peer support. May be repeated two times for credit.

Prerequisites: Students with high-level risks may need a physician’s referral.

PEHW 110
Folk and Line Dance 1
(TE) Enjoy physical and mental exercise while participating in a variety of 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.

Prerequisites: Age 60 or older.

PEHW 111
Kick Boxing Aerobics 1-2
(TE) 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
(TE) Bench stepping for aerobic conditioning. Exercises for flexibility, strength, 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 116
Low Impact Aerobics 1-2
(TE) Aerobic workout with music. Appropriate movements assist in vigorous activity with minimal fatigue of joints. No previous experience with aerobic dance or exercise necessary. May be repeated two times for credit.

PEHW 120
Circuit Fitness 1-2
(TE) 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 a minimum time with maximum benefits. May be repeated two times for credit.

PEHW 121
Walk, Jog, Run 1-2
(TE) 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 124
Introduction to Weight Training 1
(TE) Introduction of basic weight training and flexibility exercises designed to improve muscle tone and physical conditioning. May be repeated two times for credit.

PEHW 125
Beginning Weight Training 3
(TE) Basic principles of weight training, exercise selection, safety, fundamental techniques in lifting free and machine weights. Individual program designed for body building or toning. May be repeated two times for credit.

PEHW 126
Advanced Weight Training 3
(TE) Advanced weight lifting skills, added weights, repetitions and exercises. Cardiovascular training option with increased interval work and increased distance mileage and pace. Emphasis on definition of muscles. Body building or power lifting (student’s choice). Daily weight training and diet. Increased emphasis on improving physical condition of the student. May be repeated two times for credit.

PEHW 128
Women on Weights 2
(TE) 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.

Sport Activities
PEHW 140
Bowling 1-2
(TE) Rules, bowling etiquette, scoring, footwork, and ball-handling techniques. Emphasis on scorekeeping. Development and practice of skills through league play and league organization. Off-campus. Special fee paid the first day of class. May be repeated two times for credit.
PEHW 141
Beginning Tennis 1-2
(TE) Fundamental techniques of the grip, forehand, backhand, serve, volley, lob, smash and related footwork. History, rules, terminology, and etiquette. Strategies and court tactics. May be repeated two times for credit.

PEHW 142
Intermediate Tennis 1-2
(TE) Continued development and practice of strokes, serves, and strategy. More emphasis on competitive play. May be repeated two times for credit.
Prerequisites: PEHW 141 or instructor’s permission.

PEHW 144
Court Games 1-2
(TE) Fundamental techniques, terminology, rules, history, etiquette, and strategies of tennis, badminton, and pickleball. May be repeated two times for credit.

PEHW 145
Golf 1-2
(TE) Practice and development of basic skills: drive, putt, approach shots, stance, grip, and swing. History, terminology, rules, and etiquette. May be repeated two times for credit.

PEHW 148
Volleyball 1-2
(TE) Practice and development of volleyball skills: serving, passing, setting, and spiking. Rules and court strategy through team play. May be repeated two times for credit.

PEHW 149
Basketball 1-2
(TE) Basketball techniques and skills: dribbling, passing shooting. Practice and development of offensive and defensive strategy through competitive play. May be repeated two times for credit.

PEHW 150
Indoor Soccer 1
(TE) Rules, skills, and strategies for indoor participation. May be repeated two times for credit.

PEHW 151
Softball 1-2
(TE) Conditioning, basic skills, rules, individual and team strategy for fast and slow pitch. Practice and development of fundamentals and strategy through team play. May be repeated two times for credit.

General Physical Education Courses
PEHW 201
Emergency Response 5
(TE) 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 and Wellness 3
(TE) 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.
Prerequisites: Recommend completion of ENGL 098 and/or eligibility for ENGL 101.

PEHW 205
Introduction to Physical Education 3
(TE) History and background of physical education and sport. Development and philosophies of programs in America. Discussion of the sport sciences: content, research questions, and careers. Latest information on current issues facing the profession and career opportunities.
Prerequisites: Recommend completion of ENGL 098 and/or eligibility for ENGL 101.
PEHW 206
**Individual Sports** 3
(TE) Instruction and practical experience in a variety of individual sports. Skill analysis, strategies, etiquette, rules, sports ethics, and sportsmanship. Lesson plan development.
Prerequisites: Recommend completion of ENGL 098 and/or eligibility for ENGL 101.

PEHW 207
**Elementary Physical Education** 3
(TE) Indoor and outdoor activities, sports, games, and fitness for children. Provides student with knowledge and practical experience in organizing, directing, and evaluating physical education activities for elementary school children.
Prerequisites: Recommend completion of ENGL 098 and/or eligibility for ENGL 101.

PEHW 209
**Team Sports** 3
(TE) Instruction and practical experience in a variety of team sports. Skill analysis and correction, strategies, team play, team organization, and methods of teaching; lesson plan development.
Prerequisites: Recommend completion of ENGL 098 and/or eligibility for ENGL 101.

PEHW 211
**Folk and Square Dance** 3
(TE) Basic steps, formations, and dance positions of various international and American folk dances. Basic moves, etiquette, and calling in square dance.
Prerequisites: Recommend completion of ENGL 098 and/or eligibility for ENGL 101.

PEHW 216
**Weight Training, Fitness and Conditioning** 3
(TE) Instruction and practical experience in planning weight training and conditioning programs. Fitness assessment methods, exercise prescription, evaluation procedures. Impact of exercise on health and relationship of exercise to chronic illness.
Prerequisites: Recommend completion of ENGL 098 and/or eligibility for ENGL 101.

**PHYSICAL SCIENCE**

See Atmospheric Science, Geoscience, and Oceanography.

**PHYSICS**

Physics emphasizes conceptual and mathematical modeling of the physical world and practical problem-solving techniques. It is the oldest and most fundamental of the experimental sciences. Physics course work is a useful part of general education, a marketable asset for any of the professions, and a requirement for medicine, the sciences, mathematics and engineering.

Faculty Advisor:
A. Vanture 425-388-9556 avanture@everettcc.edu

**PHYS 101**
**Concepts and Connections** 5
(NS-L) 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.
Prerequisites: MATH 065 or equivalent, ENGL 098 with a grade of C or higher or eligibility for ENGL 101.

**General Physics**

Laboratory science courses for liberal arts students and those in pre-professional programs not requiring calculus-based physics. Emphasis on historical development, experimental methods, basic problem-solving skills, and relationships between physics and other areas of study.

**PHYS 117**
**General Physics I** 5
(NS-L) Motion, force, and energy are studied.
Prerequisites: ENGL 098 with a C or higher, MATH 140 or equivalent.

**PHYS 118**
**General Physics II** 5
(NS-L) Continuation of PHYS 117. Periodic motion, mechanical waves and heat are studied.
Prerequisites: PHYS 117.

**PHYS 119**
**General Physics III** 5
(NS-L) Continuation of PHYS 117. Electromagnetism and light are studied.
Prerequisites: PHYS 117.

**Engineering Physics**

This series of courses is intended for those who seek to transfer into an Engineering or Physical Science program at a four-year institution. Lectures emphasize problem-solving techniques as applied to concepts from classical physics. Laboratory focuses on developing experimental and analytical techniques that will allow students to complete an independent laboratory research project.

**PHYS 121**
**Engineering Physics I** 4
(NS-L) Mechanics. First quarter of one-year sequence (PHYS 121-123) in classical and modern physics for engineering majors and most science majors planning to transfer.
Prerequisites: Grade of C or higher in PHYS 117, MATH 153 or concurrent enrollment, or equivalent preparation approved by instructor. ENGL 098 with grade of C or higher or placement in ENGL 101. Corequisites: PHYS 131 or instructor’s permission.

**PHYS 122**
**Engineering Physics II** 4
(NS-L) Continuation of PHYS 121. Mechanics and thermodynamics.
Prerequisites: PHYS 121, MATH 154 or concurrent enrollment. Corequisites: PHYS 132 or instructor’s permission.

**PHYS 123**
**Engineering Physics III** 4
(NS-L) Continuation of PHYS 122. Electromagnetism.
Prerequisites: PHYS 122 and MATH 252 or concurrent enrollment. Corequisites: PHYS 133 or instructor’s permission.
POLITICAL SCIENCE

Faculty Advisors:
S. Horn 425-388-9394 shorn@everettcc.edu
M. Riordan 425-388-9384 mriordan@everettcc.edu

POL S 101
Introduction to Politics 5
(SS) Consideration of fundamental and enduring political questions as addressed by philosophers, novelists, playwrights and essayists, as well as political scientists. What is politics? What difference does it make? How do political systems begin? What is political control? What are the threats to political control? What are the similarities and differences in political systems? How are such systems evaluated? How do they change? Can morality inform politics?

POL 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 application of skills and knowledge that extends learning beyond the classroom and into the community. May be repeated up to six credits.
Prerequisites: Instructor’s permission.

POL S 200
Introduction to Law 5
(SS) Legal institutions and processes, law as a system of social thought and behavior and a framework in which rival claims are resolved; legal reasoning; law as a process of protecting and facilitating voluntary arrangements in a business environment. Required law course for University of Washington business transfer students.
Prerequisites: Sophomore standing recommended.

POL S 201
American Politics 5
(SS) Introductory analysis of the process by which policy is made at the national level in the United States. Constitutional origins and development; ideology; influence through public opinion and media, parties and elections; interest groups and PACs; policy-making by Congress, Presidency and courts; policies, including civil rights and civil liberties.

POL S 202
Comparative Politics 5
(SS) Introductory comparative analysis of national political systems, including those identified as Western Democratic, Authoritarian and Transitional. Levels of development; ideologies; constitutions; forms of participation; structures of government; policies.

PSYCHOLOGY

Faculty Advisors:
B. Farb 425-388-9386 bfarb@everettcc.edu
K. Hamaoui 425-388-9164 khamaoui@everettcc.edu
D. Smith 425-388-9176 dsmith@everettcc.edu
C. Veldink 425-388-9444 cveldink@everettcc.edu

PSYCH 100
General Psychology 5
(SS) Psychology as a science focusing on five major theoretical perspectives in contemporary psychology: biological, cognitive, humanistic, psychoanalytical and learning. Topics include the nervous system, heredity and maturation, sensory processes, perception and attention, statistical concepts, motivation, emotion, intelligence, learning and remembering, thinking, personality, adjustment, and social and abnormal behavior.
Prerequisites: Completion of ENGL 098 with a grade of C or higher, or eligibility for ENGL 101, or instructor’s permission.

PSYCH 150
Psychology and Sociology in the Cinema 5
(SS) Application of major psychological and sociological theories and concepts to understanding human experience and behavior as it is dramatized in selected feature films. Course format consisting of film presentations, class discussion and student written work. Credit may not be earned in both PSYCH 150 and SOC 150.
Prerequisites: PSYCH 100 or SOC 110 or equivalent or concurrent enrollment in one of these classes. Completion of ENGL 098 with a grade of C or higher, or eligibility for ENGL 101, or instructor’s permission.
PSYCH 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.

Prerequisites: Instructor’s permission.

PSYCH 201
Abnormal Psychology 5
(SS) Description, development, and dynamics of behavior disorders and personality as related to contemporary conditions of life. Investigation of techniques used or available to modify behavior.

Prerequisites: PSYCH 100 or instructor’s permission. Completion of ENGL 098 with a grade of C or higher or ELIGIBILITY for ENGL 101, or instructor’s permission.

PSYCH 203
Developmental Psychology: Lifespan 5
(SS) Study of quantitative and qualitative developmental changes that occur throughout the human lifespan. Emphasis on understanding physical, emotional, social and cognitive development.

Prerequisites: PSYCH 100 or instructor’s permission. Completion of ENGL 098 with a grade of C or higher or ELIGIBILITY for ENGL 101 or instructor’s permission.

PSYCH 205
Introduction to Personality 5
(SS) Examination of theoretical approaches to personality, major philosophical positions, experimental methods, and data used in evaluating various personality theories.

Prerequisites: PSYCH 100 or SOC 110 or instructor’s permission. Completion of ENGL 098 with a grade of C or higher or ELIGIBILITY for ENGL 101 or instructor’s permission.

PSYCH 209
Research Methods in the Social Sciences 5
(SS) 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 PSYCH 209 and SOC 209.

Prerequisites: Any 100-level Social Sciences course with a grade of C or higher; and ENGL 098 with a grade of C or higher or ELIGIBILITY for ENGL 101; and MATH 065 or equivalent with a grade of C or higher.

PSYCH 220
Human Cognition, Learning and Motivation 5
(SS) PSYCH 220 aims at establishing enduring links between psychological theory, research, and their classroom applications. The focus of PSYCH 220 is on cognitive, motivational, and affective development in children and adolescents. Specifically, this body of knowledge comprises biological, perceptual, cognitive, social, and moral development. PSYCH 220 includes reviews and examinations of contemporary educational trends and their impact on individual learning, the school system, and the community.

Prerequisites: PSYCH 100 and placement in or completion of ENGL 101.

PSYCH 240
Social Psychology 5
(SS) 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 SOC 240. Credit may not be earned in both PSYCH 240 and SOC 240.

Prerequisites: PSYCH 100 or SOC 110 or instructor’s permission. Completion of ENGL 098 with a grade of C or higher or ELIGIBILITY for ENGL 101 or instructor’s permission.

PSYCH 256
Special Topics: Psychology Seminar 3-5
A special topic seminar intended to introduce students to contemporary or classic psychological topics of interest. Quarter topics will be determined by faculty or student interest/demand. This format allows for interdisciplinary approaches that include the concept of learning communities. These seminars are 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.

Prerequisites: Completion of any Social Science course at or above 100 and ENGL 101 or instructor’s permission.

RADIOLeGIC TECHNOLOGY
EvCC offers courses that prepare students to apply for admission to the Radiologic Technology degree program at Bellingham Technical College. Upon completion of prerequisite courses at EvCC, students who live in the Everett vicinity may apply for admission to a 21-month full-time program in RT, including the specific RT classes and clinicals. Admission is competitive. Successful completion results in an Associate in Applied Science degree awarded by Bellingham Technical College. Program graduates are eligible to take the national certification exam administered by the American Registry of Radiologic Technologists. This program is a partnership among several community colleges in this region.

For more information contact:
Bellingham Technical College, 360-738-3105
EvCC Enrollment Services, 425-388-9206

READING AND STUDY SKILLS (RSS)
The College Reading and Study Skills program is an integral part of a college success curriculum for students who need to improve study techniques and learning strategies, academic computer skills, reading speed, reading comprehension, vocabulary, and critical reading, writing and thinking skills. Courses are offered at two levels (pre-college and college) and provide individualized assistance for students who want to succeed in their college and career goals and need to become more academically competitive. Most courses can be applied towards the AAS Degree - Option II as List B Applied Electives.

Faculty Advisor:
C. Wilson 425-388-9004 cwilson@everettcc.edu

RSS 094
Reading for College Success 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. Lecture format with some individualized programming in the reading lab to meet students’ specific needs. May be repeated two times for credit.
RSS 095
Study Skills for College Survival 5
Focus on college success and basic study skills. This course is designed for the student who is returning to school or who is seeking ways to survive in college. Identify learning styles, manage time, utilize student support services, read textbooks, take notes, take tests, and use library and Internet resources. May be repeated one time for credit.

RSS 096
Computer Comfort 5
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.

RSS 100
Sharpening Your Study Skills 2
Designed to teach precision skill sets that concentrate on textbook reading, memory techniques, test taking, note taking, and more effective study strategies especially in the sciences, math, nursing and other rigorous academic courses of study. Helps students from a wide range of backgrounds build foundations to work successfully through difficult material in lectures and textbooks. Practical methods are emphasized. May be repeated one time for credit.

RSS 103
Reading, Speed, Vocabulary Program 2
A diagnostic, computer-based reading class program designed to improve students' comprehension, vocabulary development and reading speed. Students must complete a minimum of 20 hours in order to receive 2 credits. May be repeated two times for credit.

RSS 104
Powerful College Reading 5
Recommended for capable readers who want to advance their comprehension, vocabulary skills, and speed as well as develop critical thinking skills and enhance their confidence in college reading assignments. Lecture format with some individualized programing in the reading lab to meet students' specific needs. May be repeated two times for credit.

RSS 105
Study Skills for College Success 5
Focus on study skills required to excel in college courses and four-year university classes. This course emphasizes strategies to comprehend college textbooks, materials, and lectures. Students identify study strategies and techniques, manage time effectively, improve memory, reduce test anxiety and prepare for tests, improve note-taking, and use library and Internet resources. College-level reading score or completion of RSS 104 with a grade of C or higher is strongly recommended. May be repeated one time for credit.

RSS 144
Reading Fitness 4
Designed for college-level readers who want to challenge and enhance their reading comprehension skills, verbal and written vocabularies and communication skills, and critical thinking skills. A variety of textual material is presented for the widest possible transfer of skills to other college courses, the workplace, and in lifelong learning. This interactive course may include walking discussion groups outside the classroom. May be repeated one time for credit.

RSS 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.

RUSS 101, 102, 103
Elementary Russian I, II, III 5 each
(H) Beginning sequence of courses to practice functional elements of Russian pronunciation and grammar in the context of practical conversational Russian. Listening, speaking, reading, and writing to communicate in Russian in a logical, natural, and personalized way.
Prerequisites: None for RUSS 101; RUSS 101 or instructor's permission for RUSS 102; RUSS 102 or instructor's permission for RUSS 103.

SCIENCE PROGRAMS
The Science Division offers a variety of courses and programs designed to meet a wide range of student needs in the subject areas of physical and life science, including anatomy, astronomy, atmospheric science, botany, chemistry, engineering, environmental sciences, geoscience, mathematics, microbiology, nutrition, oceanography, physics, physiology and zoology. These courses and others contribute to the scientific background of students majoring in agriculture, architecture, astronomy, atmospheric science, botany, chiropractic, chemistry, dentistry, engineering, environmental science, fisheries, medicine, medical technology, mortuary science, nursing, occupational therapy, oceanography, optometry, pharmacy, physical therapy, physics, veterinary medicine, wildlife management and zoology. Such programs lead to the degrees of Associate in Arts and Sciences and Associate of Science.
Survey courses in the biological and physical sciences provide overviews of large areas of science. Courses to fit the personal needs of part-time students are available in both the day and evening programs. The entire range of high school mathematics and special courses in the sciences is available for those who need to review and complete high school requirements.
Faculty Advisors:
S. Grupp 425-388-9450 sgrupp@everettcc.edu
J. Hedgpeth 425-388-9482 jhedgpeth@everettcc.edu
M. Kontulis 425-388-9136 mkontulis@everettcc.edu
R. Kratz 425-388-9503 rkratz@everettcc.edu
P. Pape-Lindstrom 425-388-9480 ppape@everettcc.edu
E. Schwartz 425-388-9451 fschwartz@everettcc.edu
E. Stern 425-388-9424 estern@everettcc.edu
A. Vanture 425-388-9556 avanture@everettcc.edu

SECRETARIAL STUDIES
See Business Technology
SOCIOLOGY

Faculty Advisors:
B. Farb 425-388-9386  bfarb@everettcc.edu
M. Riordan 425-388-9384  mriordan@everettcc.edu
C. Veldink 425-388-9444  cveldink@everettcc.edu

SOC 110
Survey of Sociology 5
(SS) Study of society. General survey of cultural and social systems and their relationship to the lives of individuals.
Prerequisites: Completion of ENGL 098 with a grade of C or higher, or eligibility for ENGL 101 or instructor’s permission.

SOC 150
Psychology and Sociology in the Cinema 5
(SS) Application of major psychological and sociological theories and concepts to understanding human experience and behavior as it is dramatized in selected feature films. Course format consisting of film presentations, class discussion and student written work. Credit may not be earned in both SOC 150 and PSYCH 150.
Prerequisites: SOC 110 or PSYCH 100 or equivalent or concurrent enrollment in one of these classes. Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.

SOC 160
Gender and Society 5
(SS) Exploration of the impact of gender roles on people’s lives. Historical and cultural differences in gender roles. Changes in family and work roles, and movements for equality.
Prerequisites: SOC 110 strongly recommended. Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.

SOC 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.
Prerequisites: Instructor’s permission.

SOC 209
Research Methods in the Social Sciences 5
(SS) 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 PSYCH 209 and SOC 209.
Prerequisites: Any 100-level Social Sciences course with a grade of C or higher; and ENGL 098 with a grade of C or higher or eligibility for ENGL 101; and MATH 065 or

SOC 210
Social Problems 5
(SS) Analysis of structural factors contributing to various social problems. Study of theoretical, historical and practical models to resolve these problems.
Prerequisites: SOC 110 strongly recommended. Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.

SOC 220D
The Family 5
(SS, D) 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.
Prerequisites: SOC 110 strongly recommended. Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.

SOC 230
Human Ecology 5
(SS) Examination of world environmental crises from a sociological perspective; exploration of shifting cultural paradigms concerning human’s relation to nature; study of population, technology, consumption of resources, and possibilities for reducing our impact on the planet.
Prerequisites: Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.

SOC 233
Sociology of Nonviolence 5
(SS) 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.
Prerequisites: SOC 110 recommended. Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.

SOC 240
Social Psychology 5
(SS) 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 PSYCH 240. Credit may not be earned in both SOC 240 and PSYCH 240.
Prerequisites: SOC 110 or PSYCH 100. Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.

SOC 255D
Cross-Cultural Medicine 5
(SS, D) Cross-cultural analysis of the environmental, historical, biological and cultural contributions to illness and health. Also offered as ANTHR 255D. Credit may not be earned in both SOC 255D and ANTHR 255D.
Prerequisites: SOC 110 or ANTHR 102D or ANTHR 202D recommended. Completion of ENGL 101 with a grade of C or higher or instructor’s permission.

SOC 257
Sociology of Religion 5
(SS) Explores the social foundation of religious experience and institutions. Discussion of the various approaches to the sociological study of religion for both the individual and society; the role of religion in social conflict, social control and social change; and the social construction of religious beliefs and institutions. A variety of religious perspectives will be explored, including the world religions, the shamanic traditions and new religious movements.
Prerequisites: SOC 110 recommended. Completion of ENGL 098 with a grade of C or higher or eligibility for ENGL 101 or instructor’s permission.
Prerequisites: Completion of ENGL 101 or placement in ENGL 101.

**SPCH 101, 102, 103**  
**Elementary Spanish I, II, III**  
(H) Beginning sequence of courses to practice functional elements of Spanish pronunciation and grammar in the context of practical conversational Spanish. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.  
Prerequisites: None for SPAN 101; SPAN 101 or placement test for SPAN 102; SPAN 102 or placement test for SPAN 103.

**SPAN 160**  
**Elementary Spanish Review**  
Review of functional elements of grammar, vocabulary and pronunciation introduced in the first year of Spanish. This review course is designed for students seeking to solidify their Spanish language skills or preparing for second-year Spanish.  
Prerequisites: SPAN 103, SPAN 152, or 3 years of high school Spanish.

**SPAN 182**  
**Service Learning**  
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 language skills and knowledge that extends learning beyond the classroom and into the community. May be repeated up to six credits.  
Prerequisites: Instructor’s permission.

**SPAN 201, 202, 203**  
**Intermediate Spanish I, II, III**  
(H) Continuation of SPAN 101, 102, 103. Active and systematic review of grammar, building of vocabulary, greater emphasis on oral comprehension, compositions, readings and discussions.  
Prerequisites: SPAN 103 or placement test for SPAN 201; SPAN 201 or placement test for SPAN 202; SPAN 202 or placement test for SPAN 203.

**SPCH 100**  
**Interpersonal Communication**  
(H) Theory and skills relating to social, family and work situations. Language usage, nonverbal communication, dealing with conflict, perception, and self-concept.  
Prerequisites: Completion of ENGL 098 or placement in ENGL 101 recommended.

**SPCH 101**  
**Beginning Public Speaking**  
(C, H) Methods of speech organization and composition; speaking skills in varied settings; audience analysis and speech criticism.  
Prerequisites: Completion of ENGL 101 or placement in ENGL 101.

**SPCH 102**  
**Oral Interpretation of Literature**  
(H) 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.  
Prerequisites: ENGL 098.

**SPCH 103**  
**Public Speaking for Educators**  
(C, H) Speech 101 option for education majors. Methods of speech organization and composition for education students; speaking skills in educational settings; situational analysis and instructional communication assessment.  
Prerequisites: Completion of ENGL 098 or placement in ENGL 101, and completion of EDUC 101.

**SPCH 182**  
**Service Learning**  
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 communication skills and knowledge that extends learning beyond the classroom and into the community. May be repeated up to six credits.  
Prerequisites: Instructor’s permission.

**SPCH 204D**  
**Intercultural Communication**  
(H, D) 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 in the development of intercultural interpersonal relationships. Describes obstacles to intercultural communication and develops skills to overcome them. Fulfills degree diversity requirement.  
Prerequisites: Completion of ANTHR 100, ANTHR 202D, SOC 110 or SPCH 100 strongly recommended.

**SPCH 207**  
**Group Discussion**  
(H) Principles and methods of interaction in small decision-making, learning, and problem solving discussion groups. Techniques of relating individual to group thinking through practice in discussion and role-playing.
WELDING

The Welding Program is designed to meet the expanding needs of the many occupations that utilize welding and fabrication. The welding department provides a balanced course of study including both hands-on learning experiences, technical information and general education courses. Students have the option to choose a course of study that best fits their needs: (1) preparation for a career in welding with welding certification through the Washington Associate of Building Officials and a certificate from Everett Community College; (2) an Associate in Technical Arts degree for those who want to achieve additional welding related goals; (3) welding related skills and information for advancement in their current occupation. Each student will need to purchase about $200 worth of equipment during the training period.

Faculty Advisors:
R. Brydges 425-388-9453 rbrydges@everettcc.edu
D. Minzel 425-388-9447 dminzel@everettcc.edu

WELD 075
Welding Pre-Employment Skills 5 to 12
Fundamentals and techniques used in basic MIG and TIG welding in both steel and aluminum materials for students with limited English proficiency. Course is designed to meet the welding competency requirements of participating employees and to develop communication skills that are closely related to job performance.

WELD 111
Basic Layout 2
Baseline radial cylindrical and triangulation layout techniques used to develop flat pattern, pipe intersections, and conical shapes. Flat pattern layout and basic lofting techniques covering use of base line, radial, cylindrical, and triangulation layout development for small units. May be repeated one time for credit.

WELD 150
Blueprint Reading for Industry 5
Overview of engineering drawing symbols used on blueprints and techniques used in their interpretation. Course is heavily inclined toward machine and fabrication trades rather than construction. May be repeated one time for credit.

Prerequisites: Basic arithmetic skills or concurrent enrollment in MATH 030.

WELD 151
Carbon Steel Metallurgy for the Trades 3
Metallurgical terms as applied to carbon steels, properties of metals, melting and solidification of metals including phase changes, weld bead metallurgy and heat-affected zones. Alloying elements and their effects on weld material. Distortion of materials and its control. May be repeated one time for credit.

WELD 152
Welding Base Materials: Processes and Procedures 3
Base material classification systems, welding processes and procedures. May be repeated one time for credit.

WELD 153
Non-Ferrous Metallurgy for the Trades 3
Basic metallurgy of stainless steel, cast iron, and aluminum. Heat treatment of non-ferrous materials, non-ferrous material designation systems, filler material designation systems, and welding procedures for aluminum and stainless steel. May be repeated one time for credit.

WELD 190
Oxyacetylene 5
Principles and techniques of oxyacetylene welding, brazing, and flame cutting to develop entry-level skills required by industry. May be repeated two times for credit.

Prerequisites: Good eyesight and good hand/eye coordination with both hands. Corequisites: Concurrent enrollment in WELD 150 and WELD 151 recommended.

THEAT 100
Rehearsal, Production, and Performance 2-5
(HP) Active participation in a theatrical production. Course registration follows the audition, interview and selection process. Students earn 2-5 credits depending upon the performance role commitment or technical crew responsibilities. May be repeated two times for credit.

Prerequisites: Instructor’s permission following audition and casting.

THEAT 101
Beginning Acting 5
(HP) Techniques and terminology of various approaches to acting including the Stanislavski method. Includes introduction to definitive theatre exercises, improvisation, character development, scene analysis, and culminates in rehearsed and performed scene work. May be repeated one time for credit.

THEAT 104
Introduction to the Theatre 5
(H) 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.

THEAT 107D
Diversity in Drama 5
(H, D) An exploration of culture and diversity through contemporary dramatic works. Students will gain an understanding of 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.

THEAT 121
Acting Styles 5
(HP) Emphasizes the specific skills needed to perform works representative of a variety of periods ranging from classical Greek theatre 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.

Prerequisites: THEAT 101 or instructor’s permission.

THEAT 250
Theatre Internship 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.

Prerequisites: Instructor’s permission.

THEAT 250
Rehearsal, Production, and Performance 2-5
(HP) Active participation in a theatrical production. Course registration follows the audition, interview and selection process. Students earn 2-5 credits depending upon the performance role commitment or technical crew responsibilities. May be repeated two times for credit.

Prerequisites: Instructor’s permission following audition and casting.

THEAT 101
Beginning Acting 5
(HP) Techniques and terminology of various approaches to acting including the Stanislavski method. Includes introduction to definitive theatre exercises, improvisation, character development, scene analysis, and culminates in rehearsed and performed scene work. May be repeated one time for credit.

THEAT 104
Introduction to the Theatre 5
(H) 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.

THEAT 107D
Diversity in Drama 5
(H, D) An exploration of culture and diversity through contemporary dramatic works. Students will gain an understanding of 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.

THEAT 121
Acting Styles 5
(HP) Emphasizes the specific skills needed to perform works representative of a variety of periods ranging from classical Greek theatre 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.

Prerequisites: THEAT 101 or instructor’s permission.

THEAT 250
Theatre Internship 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.

Prerequisites: Instructor’s permission.
WELD 191
Basic Arc 5
Principles and techniques of basic manual shielded metal arc welding as required to demonstrate skills necessary to make fillet welds acceptable to industry standards in all positions. May be repeated two times for credit.
Prerequisites: Good eyesight and hand/eye coordination. WELD 150, WELD 151, WELD 152, WELD 153 or concurrent enrollment recommended.

WELD 192
Advanced Arc 5
Continuation of WELD 191. Development of welding skills to level required for code standards and certification. May be repeated two times for credit.
Prerequisites: WELD 191 with grade of C or higher, or S grade.

WELD 193
Basic Pipe 5
Principles and techniques of pipe welding using manual metal arc process, materials, joint preparation, filler metal selection, and acceptable shop practices. May be repeated two times for credit.
Prerequisites: Certification or instructor’s permission.

WELD 194
Gas Tungsten Arc Welding 5
Fundamentals and techniques used in gas tungsten arc welding process needed to weld steel, stainless steel, and aluminum materials in all positions. May be repeated two times for credit.
Prerequisites: WELD 190 or instructor’s permission.

WELD 195
Gas Metal Arc/Flux Core Arc Welding 5
Principles and techniques of gas metal arc and flux core arc welding processes on mild steel, stainless steel and aluminum. May be repeated one time for credit.

WELD 210
Heavy Plate Fabrication 5
Introduces the development of complex structures, fitting processes and procedures of heavy plate fabrication. Uses standard layout techniques and set-up and operation of press brake. 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 projects utilizing blueprint reading, flat pattern layout, use of hand tools and forming machinery. May be repeated one time for credit.

WELD 212
Pipefitting and Pipe Systems Fabrication 5
Presents basic pipefitting. Students will fabricate various pipe systems and manifolds working from blueprints. May be repeated one time for credit.

WELD 213
Practical Fabrication and Advanced Welding Techniques 5
Sequences and methods of structural steel fabrication and assembly. Students plan, fabricate and join various structural shapes and formed parts into a completed project. Students apply the techniques of out-of-position welding where vision and accessibility are limited and work safely in a confined space. May be repeated one time for credit.
Prerequisites: WELD 191 or SMAW experience.

WELD 225
Welding Skills Building 2
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.
Prerequisites: Instructor’s permission.

WELD 285
Computer Numeric Controlled (CNC) Plasma Cutting 5
Programming and use of computerized cutting system using AutoCAD. May be repeated one time for credit.

WELD 295
Work Experience Internship 2-5
Provides students 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.
Prerequisites: Instructor’s permission.

WORLD LANGUAGES
As the world becomes increasingly interdependent politically, socially and economically, the ability to communicate effectively in other languages provides an employment edge in many challenging careers. Learning another language also helps develop sensitivity to, and appreciation of different intellectual and cultural values.

The College offers language courses in American Sign Language, Chinese, French, German, Italian, Japanese, Russian and Spanish. Study abroad opportunities are offered to several countries. For further information contact one of the language advisors.

Placement Tests: Students with previous knowledge of French, German or Spanish should take a placement test offered through the Testing Center on campus. For the other languages offered, contact the instructor listed in the course schedule for appropriate placement.

For the names of the various language faculty advisors and their contact information, please refer to that specific language’s section of this catalog.

ZOOLOGY
See Biology
Date in parentheses indicates initial year of faculty/administrative service with the College.

Abrahamson, Marilyn (1996)
WorkFirst Customized Training Coordinator
B.A., State University of New York
M.Ed., Seattle University

Adolphsen, Elizabeth L. (1999)
Medical Assisting
A.T.A., Everett Community College
B.A., California State University, Chico

Allen, Homer (1983)
Computer Information Systems
B.S., Western Michigan University
Special training institutes: Chrysler Motors, General Motors, Ford Motor Company

Ashlock, Joann (1983)
Director of Student Activities and Programs
A.A., Glendale Community College
B.A., California State University, Chico
M.A., Gonzaga University

Aubrey, Keith (1998)
English
A.A., Spokane Falls Community College
B.A., M.F.A., Eastern Washington University

Balachowski, Margaret M. (2003)
Mathematics
B.S., Indiana University of Pennsylvania
M.S., Michigan Technological University

Barger, Stuart C. (1983)
Senior Assistant to the President
Interim Dean, Learning Services
B.S., University of Northern Iowa
B.S.N., University of Iowa
M.S.N., University of Pennsylvania

Mathematics
B.A., Eastern Montana College
M.A., University of Montana

High School Completion
A.A., College of the Canyons
B.A., M.Ed., Seattle University

Berger, Roger A. (1999)
English
B.A., Syracuse University
M.A., Ph.D., University of Wisconsin, Madison

Bertoldi, Robert X. (2000)
Public Services Librarian
B.A., Western Washington University
M.A., University of Washington
M.S., Florida State University

Black, Patricia A. (1978)
Dean of Nursing, Health Sciences, Physical Education, Health and Wellness, and Professional/Technical Education
B.S.N., M.N., University of Washington
Ed.D., Seattle University

Bolan, Kevin M. (2002)
Mathematics
B.S., United States Military Academy at West Point
M.S., University of Washington

Chemistry
B.A., Scripps College
M.S., University of Washington

Brasfield, Karen (1995)
Nursing
B.S.N., University of Oklahoma
M.S.N., University of San Diego

Bruemmer, John C. (1999)
Adult Education
A.A., College of Marin
B.A., San Francisco State University
M.Ed., Western Washington University
English as a Second Language Certification, Seattle University

Welding
Certified Welder

Castorena, Christina (1998)
Associate Dean for Diversity
B.A., Colorado State University
M.Ed., Western Washington University

Castro, Mary F. (1989)
Adult Education, ESL
B.S., M.S., California State University, Hayward

Childs, Kara D. (2005)
Mathematics
B.S., M.Ed., Utah State University

Clarke, Cynthia (2000)
Anthropology
A.A., Southwestern Oregon Community College
B.A., B.S., Oregon State University
M.S., University of Oregon

Cook, Kathy (2001)
Director, Center for Disability Services
A.A., Shoreline Community College
B.A., Western Washington University

Corbin, Judy (1978)
Nursing
B.S.N., M.N., University of Washington
A.R.N.P., University of Washington

Coughlin, Pat (2004)
Accounting
B.B.A., University of Portland
M.S., Colorado State University
C.P.A.

Cox, Frank (1988)
Dean of Continuing Education and Workforce Development
B.A., Carnegie-Mellon University
M.Ed., University of Washington

Curtissmith, Jamie L. (2005)
Dean of the Design School for Small Business Innovation
A.A.S., Big Bend Community College
B.S., Embry-Riddle Aeronautical University
M.B.A., California State University, Dominguez Hills

Craft, Kevin (1996)
English
B.A., University of Maryland
M.F.A., University of Washington
Language Proficiency Certificate, Université de Perpignan

Cross, Susan G. (1989)
Mathematics
B.S., Louisiana State University
Ed.S., Appalachian State University
M.S., East Texas State University
M.S., Western Washington University

Dahl, C. Shawn (2001)
Basic Skills
B.A., Western Washington University
M.Ed., Western Washington University

Davidson, Kelly M. (2002)
Director, Early Learning Center
A.A., Everett Community College
B.A., Western Washington University
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Department</th>
<th>Institutions</th>
</tr>
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<tbody>
<tr>
<td>Davis, Richard W., Jr.</td>
<td>English</td>
<td>B.A., M.A., Brigham Young University</td>
</tr>
<tr>
<td>Davis-Wolfe, Mattie</td>
<td>Health Professions</td>
<td>A.N., University of Albuquerque</td>
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<td>B.A., Southern College</td>
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<td>R.N., State of Washington</td>
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<td>Davishahl, Eric</td>
<td>Engineering</td>
<td>B.S., University of Colorado</td>
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<td>M.S., University of Washington</td>
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<td>Dieter, Darryl B.</td>
<td>Director of Institutional Research</td>
<td>B.A., Clarion University</td>
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<td>M.A., University of Houston</td>
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<td>Ph.D, University of New Mexico</td>
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<tr>
<td>Dotson, Kim C.</td>
<td>Nursing</td>
<td>L.P.N., A.D.N., Seattle Central Community College</td>
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<td>B.S.N., M.N., University of Washington</td>
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<td>Dunn, Sheila</td>
<td>Director, East County Tech Prep</td>
<td>B.A., Ohio Wesleyan University</td>
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<tr>
<td>Englund, Paulette E.</td>
<td>Director of Budget</td>
<td>A.A., North Seattle Community College</td>
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<td>B.B.A., Central Washington University</td>
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<td>Erickson, Donald F.</td>
<td>History</td>
<td>B.A., Whitman College</td>
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<td>M.A., University of California, Berkeley</td>
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<td>Evans, Tina</td>
<td>Cosmetology</td>
<td>A.A.A.S., Walla Walla Community College</td>
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<td>Instructor License, Walla Walla Community College</td>
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<td>Eydgahi, Hamid Y.</td>
<td>Vice President of Instruction</td>
<td>A.A.S., Owens Community College</td>
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<td>B.E.T., University of Toledo</td>
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<td>Ph.D., Aston University</td>
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<td>Farb, Beverly</td>
<td>Sociology</td>
<td>B.A., M.S., M.M.F.T., Ph.D., University of Southern California</td>
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<td>Felsenthal, Ellen</td>
<td>Photography</td>
<td>B.A., B.F.A., University of Texas</td>
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<td>M.F.A., University of Washington</td>
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<td>Franklin, Laurie T.</td>
<td>Director of Student Financial Services</td>
<td>B.S., M.Ed., Oregon State University</td>
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<td>Friedman, Albert L.</td>
<td>Dean of Science, Math and Occupations</td>
<td>B.A., University of Vermont</td>
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<td>M.A., University of Minnesota</td>
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<td>Frizelle, Sara J.</td>
<td>Director of Distance Learning</td>
<td>B.S., M.S., Iowa State University</td>
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<td>Gaskin, Thomas M.</td>
<td>History</td>
<td>B.A., University of California, Berkeley</td>
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<td>Goodhope, Jeanie</td>
<td>Media Librarian</td>
<td>B.A., Mills College</td>
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<td>Grigsby, Susan</td>
<td>Physical Education</td>
<td>B.A., Humboldt State University</td>
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<td>M.S., University of Oregon</td>
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<td>Grupp, Steven R.</td>
<td>Geosciences</td>
<td>A.S., Los Angeles Pierce College</td>
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<td>Haldi, Richard T.</td>
<td>Vice President of Student Services</td>
<td>B.A., Washington State University</td>
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<td>Hamaoui, Kamil G.</td>
<td>Psychology</td>
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<td>Harrington, Ann</td>
<td>English; Coordinator of the Writing Center</td>
<td>A.A.S., Whatcom Community College</td>
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<td>Hatton, Thomas</td>
<td>Aviation Maintenance Technology</td>
<td>A.T.A., Everett Community College</td>
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<td>Hedgpeth, Jacalyn</td>
<td>Biology</td>
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<td>Mathematics</td>
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<td>Heys, Karen L.</td>
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<td>Horn, Steven</td>
<td>Political Science</td>
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<td>Houston, Wendy R.</td>
<td>Mathematics</td>
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<td>Huang, Joseph T.</td>
<td>Director of Information Technology</td>
<td>B.S., University of British Columbia</td>
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<td>M.S., Louisiana Tech University</td>
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<td>Huntington, Marcia J.</td>
<td>English</td>
<td>B.A., M.A.T., University of Iowa</td>
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<td>Ives, Rich</td>
<td>English</td>
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<td>Jiang, Jean</td>
<td>Mathematics</td>
<td>B.S., Shanghai Institute of Education</td>
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<td>M.A., University of Hawaii</td>
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<td>Kammer, Greg</td>
<td>Graphic Arts</td>
<td>B.A., M.F.A., University of Washington</td>
</tr>
<tr>
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<td>M.A., University of New Mexico</td>
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</tbody>
</table>
Leader, Jeanne (1996)
Dean of Library, Media, Arts, and Distance Learning
B.A., Adams State College
M.A., Texas Christian University
M.L.S., Texas Woman's University

Art
B.A., State University of New York
M.F.A., The Ohio State University

Lepper, Sandra M. (1998)
Art
B.F.A., University of California, Santa Barbara
M.Ed., Western Washington University

Lewis, Chad T. (1979)
General Business
A.A.S., Edmonds Community College
B.A., The Evergreen State College
M.Ed., Western Washington University
M.B.A., University of Puget Sound

Dean of Communication and Social Sciences
B.U.S., M.A., Ed.D., University of New Mexico

Engineering
B.S., M.E., University of Washington
M.B.A., Western Washington University

Kontulis, Mark (1999)
Chemistry
B.A., Bowdoin College
M.S., University of Washington

Kraske, Jeanne (1980)
Director, Emergency Services Programs
A.A., Casper College
B.A., Utah State University

Kratz, Rene F. (1999)
Biology
B.A., Boston University
M.S., Ph.D., University of Washington

Vice President of College Advancement and Executive Director of the EvCC Foundation
B.S., M.S., Western Illinois University
Ed.D., Brigham Young University

Executive Director,
Ocean Research College Academy (ORCA)
B.A., University of Washington
M.S.Ed., Western Washington University

Le, Marianne D. (1999)
Librarian
B.S., University of Washington
M.S.I., University of Michigan

Lyste, Kerry (2002)
Geography
A.A., Shoreline Community College
B.A., University of Washington
M.S., Western Washington University

Markovich, Theresa (1988)
Business Technology
B.S., Montana State University
M. Ed., University of Washington

Center for Teaching and Learning
B.A., The Evergreen State College
M.S., University of Oregon

Martin, Earl E. (1990)
Director, Counseling, Advising and Career Center
Counselor/Human Development
A.A., Highline Community College
B.A., B.S., M.S., Central Washington University
Ed.D., University of Washington
Licensed Mental Health Counselor

Martin, Vidal (1993)
World Languages
B.A., M.A., Université De Nantes

Welding
Vocational Certification, Welding
Certified Welder

Computer Information Systems
A.A., Everett Community College
B.A., The Evergreen State College

Business Technology
A.A., Shoreline Community College
B.A., M.Ed., Western Washington University

Murphy, Mark (1988)
Speech
A.A., Clark College
B.A., M.A., Western Washington University

Murphy, Pat G. (1984)
Aviation Maintenance Technology
Aviation Maintenance Technology Certificate-Northrop Institute of Technology
B.S., Pacific Union College
M.E., University of Pittsburgh
Licensed Airframe and Powerplant Mechanic
F.A.A. Authorized Inspector
Designated Federal Aviation Mechanics Examiner

Mustafa, Omar (2001)
English as a Second Language
B.A., B.S., M.A.T, Gonzaga University
TESL Certificate, Portland State University
Schilde, Karen L. H. (1977)  
Coordinator, Volunteer Literacy Center; ESL  
B.A., M.A., University of Oregon  
ESL Teaching Certificate, Trinity College, England

Schwartz, Fayla (1992)  
Biology  
B.S., University of California, Berkeley  
M.S., San Francisco State University  
M.S., Eastern Washington University  
Ph.D., University of Washington

Searle, Joshua C. (1999)  
Ocean Research College Academy (ORCA)  
B.A., University of Washington  
M.I.T., Seattle University

Shafer, Carla (2001)  
Grant Developer  
B.S., Lewis and Clark College  
M.S., Bank Street College of Education

Shannon, Colleen (1994)  
Nursing  
A.A.S., Everett Community College  
B.S., M.F., University of Minnesota  
M.S.N., Gonzaga University  
A.R.N.P., State of Washington

English  
B.A., University of California, Berkeley  
M.A., University of Washington

Singh, Sumita (2000)  
Chemistry  
B.S., Miranda College  
M.S., Delhi University  
M.S., Ph.D., University of Oklahoma

Sisneros, Patrick (1996)  
Interim Vice President of Administration; Dean of Business and Applied Technology  
B.S., Santa Clara University  
M.B.A., University of Pennsylvania

Skinner, Deanna (2001)  
Counselor/Human Development  
B.A., Northwest Nazarene College  
M.Ed., Seattle University

Smith, Donald B. (1994)  
Psychology  
A.A., Edmonds Community College  
B.S., University of Washington  
M.S., Western Washington University
Smith, Lolly (1987)  
English  
B.A., M.A., Western Washington University

Smith, Mayumi N. (1985)  
Japanese; NBI Program Director  
B.A., Hiroshima Jogakuin University

Sriraman, Anantharaman (2006)  
Engineering  
B.E., Anna University, Madras  
M.E., M.H.R.D., University of Regina, Saskatchewan

Biology  
B.S., D.O., Michigan State University  
J.D., University of Michigan

Stettler, Patricia L. (2000)  
Business Technology  
Certificate, Medical Assisting, Lake Washington Vocational Institute  
Certificate, Legal Secretary, Lake Washington Technical College  
B.A., University of Oregon

Stewart, Daniela C. (1990)  
World Languages  
B.A., State University of New York  
M.A., University of Hawaii

Sullivan, Christine (2000)  
Counselor/Human Development  
B.A., University of Wisconsin  
M.T.S., Harvard Divinity School  
M.A.Ed., Seattle University

Tri, Debra (1995)  
Nursing  
B.S.N., Pacific Lutheran University  
M.N., University of Washington  
A.R.N.P., C.F.N.P., C.M.A.

Vandenbarg, Nancy (2000)  
Nutrition  
B.S., Miami University  
M.S., University of Washington  
Registered Dietitian

Philosophy  
B.A., St. Olaf College  
M.A., University of Wisconsin, Milwaukee

Vanture, Andrew (1995)  
Physics/Physical Science  
B.A., Pomona College  
M.S., Ph.D., University of Washington

Veldink, Connie (1986)  
Sociology, Psychology  
B.A., University of Washington  
M.A., Ph.D., University of California, Santa Barbara

Vlasic, Louise (1992)  
Early Childhood Education  
B.A., San Jose State University  
M.Ed., University of Washington

Music  
B.M., Cornish Institute  
M.M., North Texas State University

Walker, Joyce (1995)  
English  
B.A., Westmont College  
M.A., The University of Chicago  
Ph.D., University of California, Davis

Walker, Larry (1985)  
Director of Athletics and Intramural Activities  
A.A., Highline Community College  
B.A., Eastern Washington University

Physics  
B.A., University of Colorado, Boulder  
M.S., University of Washington

Weiss-Green, Heidi (1991)  
Mathematics  
B.S., M.S., Western Washington University

Welch, Vicki (2002)  
Cosmetology  
Washington State Cosmetology Operator’s and Instructor’s Licenses

Weller, Lloyd E. (1969)  
Photography  
B.F.A., M.F.A., Ohio University

Wellman, Sharon K. (1983)  
Director, Tutoring Center  
A.A.S., Everett Community College  
B.S., University of Washington

Whedon, Candace (2001)  
Nursing  
A.A.S., Everett Community College  
B.S.N., M.N., University of Washington

White, Kenneth (1975)  
Education, Speech  
A.A., Everett Community College  
B.A., Western Washington University  
M.Ed., M.A., Ph.D., University of Washington

White, Robert (2000)  
Computer Information Systems  
A.A., Diablo Valley College  
B.A., Humboldt State University

Willestoft, Kathryn (1986)  
Business Technology  
B.A., M.Ed., Western Washington University

Wilson, Christine (2001)  
Reading and Study Skills  
B.A., University of Redlands  
M.Ed., City University

Speech  
B.S., Iowa State University  
M.A., Southern Illinois University

Zoeller, Nancy R. (2001)  
Nursing  
A.A.S., Everett Community College  
B.A., Furman University  
M.N., University of Washington
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