WELCOME
Seattle Central Community College promotes educational excellence in a multicultural urban environment. We ensure opportunities for academic achievement, workplace preparation and service to the community by creating a learning environment which is accessible, diverse, responsive and innovative.

FACTS AT A GLANCE *

Annual attendance 2000-2001 ............................................................... 19,523

Fall 2000 Profiles

STUDENTS
Median age .............................................................................................. 26
Ethnic diversity ....................................................................................... 49%
Male / female ................................................................................. 41% / 59%
      With bachelor or higher degrees ............................................. 12%
Employed ........................................................................................... 66%
      full-time .............................................................................. 36%
With dependents ...................................................................................... 24%
      single parents ........................................................................ 8%
Full-time / part-time attendance ..................................................... 49% / 51%

PROGRAMS
College Transfer ...................................................................................... 36%
Professional / Technical ........................................................................... 29%
Basic Skills ........................................................................................... 18%
Continuing Education & Other .......................................................... 18%

COURSES
State-funded ........................................................................................... 71%
Contract-supported .................................................................................. 11%
Student-supported .................................................................................... 18%

SPECIAL ENROLLMENTS
Distance Learning .................................................................................. 654
Running Start ........................................................................................ 350
International Contract ........................................................................... 508
Worker Retraining .................................................................................. 261

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ABOUT THE COLLEGE

Seattle Central overlooks downtown Seattle from Capitol Hill, one of the liveliest neighborhoods in the city. The college has received national recognition for promoting educational excellence in its multicultural urban environment. Time Magazine designated Seattle Central as a 2001-2002 “College of the Year” in recognition of its innovative student services and educational program. These include a nationally recognized Coordinated Studies Program with multidisciplinary teams of faculty who teach around a central theme of inquiry.

It’s not all study at Seattle Central. The campus Student Activity Center draws students with its swimming pool, racquetball courts and weight rooms. And a new Fine Arts Center benefits students and the city’s arts scene.

The college is among the top five in the state to transfer students to four-year colleges, and it also offers more than 35 professional-technical programs, in well-paying, high-demand fields such as Arts Management, Biotechnology, Commercial Photography, Information Technology and Wireless Telecommunications. Details on these programs and more can be found in this section.
STUDENT SERVICES

ACADEMIC & CAREER RESOURCES

Advising Center
(206) 587-4068
The Advising Center assists students with selecting classes based on a student’s background and test results. Advisors provide students with accurate and up-to-date academic information before and during registration by assisting them in selecting courses appropriate to their individual academic goals as well as the requirements for two-year degrees and/or transferring to a four-year institution.

Campus Library
(206) 587-4050
The library offers a wide range of resource information and services to students and the college community. Librarians are available to help students take full advantage of the library’s electronic databases and find books, reference resources, periodicals and audio-visual media.

Career Information Center
(206) 344-4383
The Career Information Center (CIC), located in room BE1107F, is a self-help resource center where currently-enrolled students and the public can discover their career options, learn more about their career choices, locate educational programs, and search for scholarship information. The CIC maintains computerized self-assessments, occupational databases, books and a variety of publications.

OFFICE HOURS:
Monday .............................................................. 8:30 a.m. – 4:30 p.m.
Tuesday ............................................................... 8:30 a.m. – 6:30 p.m.
Wed - Fri .............................................................. 8:30 a.m. – 4:30 p.m.

Career Placement Center
(206) 587-5422
The Career Placement Center offers the following resources and services to enrolled students: job/internship/volunteer listings; job search information; résumé and employment letter critiques; on-campus employer/agency recruiting visits; annual career fair; and access to a computer for résumé and cover letter preparation.

Center for Deaf Students
(206) 587-4183 (v/tty)
The Center for Deaf Students at the Seattle Community Colleges, based at Seattle Central Community College, provides services for deaf students throughout the district. The Center for Deaf Students assists deaf and hard-of-hearing students with interpreting, counseling and note-taking. Each student receiving support services from the Center works with a counselor fluent in ASL, and may receive interpreting and note-taking services for classes, tutoring and school-related activities.

The public TTY at Seattle Central Community College is located in the hallway near room BE 1140.

College Transfer Center
(206) 587-5469
Planning to transfer to a four-year school? The College Transfer Center, located in room BE 1107, is available to all registered Seattle Central students with a special focus on the needs of students of color. The Center enables Seattle Central students to learn about transfer opportunities and meet representatives from local and national four-year schools.

The Center also houses the Transfer Resource Library (room BE 1107K), which contains college catalogs, scholarship information, transfer guides, applications, and information on majors for local and national four-year schools. It also has Internet access to universities and colleges nationwide.

Career staff members are available to answer questions and provide support in the transfer process. Students are encouraged to take charge of their education and become experts in their own transfer planning.

OFFICE HOURS:
Mon - Fri .............................................................. 8:00 a.m. – 4:30 p.m.

Collegewide Tutoring
(206) 587-3852
The college-wide tutoring service provides individual and group tutoring. In addition, a wide range of workshops to improve study skills are also available. For information, visit room BE 1106 or call the coordinator at (206) 587-5463.

TUTORING HOURS:
Mon - Thurs .......................................................... 8:00 a.m. – 8:00 p.m.
Friday ................................................................ 8:00 a.m. – 4:00 p.m.
Saturday .............................................................. 11:00 a.m. – 3:00 p.m.

Computer Center
(206) 587-4194
The Computer Center is available to all Seattle Central students and offers PC and Macintosh computers. Current Seattle Central enrollment, a diskette or zip disk and a lab fee are required. Students without computer experience are encouraged to enroll in MIC 102-I (a 1-credit orientation course), or MIC 102-W (a 1-credit introduction to Microsoft Word) prior to use. Call the Center for more information.
Counseling Services  
(206) 587-3851  
Counselors work in divisions throughout the college to assist students in educational planning and career and personal counseling. Counselors located in professional technical programs offer information sessions and are generally the individuals to contact for admission to specific programs.

Disability Support Services  
(206) 587-4183 (Voice/TTY)  
Students with special needs are encouraged to contact this office prior to registration to help determine what services are needed and available. All inquiries are considered confidential. Documentation of disability is required. Support services can include advocacy, counseling, referral for diagnostic testing for learning disabilities, note takers, readers, special testing accommodations, support groups, scribes and taping of textbooks. It is important that students register with the Disability Support Services office before accommodations are arranged.

Media Services  
(206) 587-4053  
The Media Services department is part of the library, and provides audio-visual equipment and media to support classroom instruction and enhance the learning process. Items available to students and faculty include audio and videotapes, CDs, slides, camcorders, video projectors, monitors and VHS units.

Student Academic Assistance Department  
(206) 587-3852  
The Student Academic Assistance Department, and its primary program, Student Support Services, a TRIO Program, provides free support services to promote the academic, career and personal growth of students. To qualify, students participate in a needs assessment with a counselor who will provide assistance for any of the center’s five service areas: counseling, tutoring, career information, skill development workshops, and trips to four-year colleges and universities. Services are available daily 8:00 a.m. - 4:30 p.m. Counseling is also available Tuesday evenings, 4:00 - 6:00 p.m. (room BE1106).

District Study Abroad Office  
(206) 587-3806  
The Study Abroad Office coordinates academic programs in countries around the world for students at all of the Seattle Community Colleges. Currently, programs are planned for London, Paris, Florence and Costa Rica. Students may earn up to 15 credits and may be eligible for financial aid. Information is also available for other study opportunities throughout the world, including work abroad, overseas internships, and overseas volunteer opportunities. The office is located in Room 204 of the South Annex (located on the corner of Broadway and Pine). Office hours are 8 a.m. to 4:30 p.m., Monday through Friday, with limited office hours at North Seattle Community College and at South Seattle Community College. Appointments are recommended for meetings with the Study Abroad Coordinator. Additional information is available at: http://seattlecentral.org/international/sccd/index.htm

Testing Office  
Automated Appointment Scheduling  
(206) 587-6913  
GED  
(206) 587-6915  
Office Information  
(206) 587-6344  
The Testing Office, located in room BE1108, offers math and English placement tests, GED and limited vocational tests. A testing schedule is posted outside the office and by telephone.
M. Rosetta Hunter Art Gallery  
(206) 344-4379
Located in the Atrium (room BE2116), the art gallery offers exhibits and activities from September through June. Hours are 9:30 a.m. to 3:30 p.m., Monday through Friday; also, 5 p.m. to 7 p.m., Tuesdays and Wednesdays.

Bookstore  
(206) 587-4448
The Bookstore, located across Broadway from the main college building (room SAC 250), is well stocked with new and used textbooks, general interest books, school supplies and sundry items. The Bookstore offers a textbook buy-back service every day with a special student buy-back the last week of each school quarter.

Childcare Center  
(206) 587-6938 & (206) 587-6901
The Childcare Center is located in room BE1113 and is certified to care for children ages 18 months through 5 years old. The purpose of the Center is to provide quality care with developmentally appropriate, culturally relevant activities for children of student-parents. Our teacher:child ratio is maintained at 1:10 or less for preschool age children and 1:7 or less for toddlers. The Center is open from 7:50 a.m. - 4:30 p.m. during fall, winter and spring quarters. Tours of the Center are available upon request. Registration is required. Priority is given to the children currently enrolled in the Center. A short waiting list will be kept for the upcoming quarter only. Student-parents are responsible for re-enrolling their children for the waiting list each quarter. Call for registration dates.

Leadership Institute  
(206) 587-3890
The Leadership Institute features discussions with campus and community leaders, and skill building workshops. The Institute is designed for student leaders, but is open to all students. Meetings run every Tuesday 1:30 p.m. – 2:30 p.m. in the Leadership Conference Room.

Metro Bus Service  
Seattle Central Transportation Services  
(206) 587-6932 & (206) 344-4393
Due to limited parking and environmental concerns, carpooling and bus transportation are strongly encouraged. The college is well-served by the Metro bus system. Students registered for 10 or more credits are eligible to purchase a “Go Pass” – a reduced price Metro pass – at the Cashier's Office. Students registered for 10 or more credits using Community Transit, Pierce Transit or the State Ferry systems are eligible for a subsidy once a quarter. Students can visit Transportation Services in room BE1112.

Parking Services  
(206) 587-6932
Student parking in the garage before 1:00 p.m. is limited to students with Seattle Central carpool permits. Frequently, the supply of permits/parking spaces is insufficient to meet this demand. Single occupant student parking permits are available only for the evening period, which starts at 1:00 p.m. After 1:00 p.m., parking can also be paid for on a daily basis ($4/day) without a quarterly permit. Student carpool applications are available at Transportation Services in room BE1112. Student single occupant parking permits can be purchased at the Cashier's Office.

Food Services  
(206) 344-4319
The Atrium Cafeteria, located across from Registration, is open from 7:30 a.m. until 2:30 p.m. Monday - Thursday and until 2:00 p.m. on Friday. This area features a variety of breakfast items, beverages, soup, salad bar, sandwiches and snacks. The Central, located across the hall from the Financial Aid Office, has similar hours, but remains open until 8:15 p.m. Monday - Thursday. The Central features coffee, a wide variety of beverages, pastries, snacks, wrapped sandwiches and essential school supplies. The espresso stand, next to the first floor Broadway entrance, serves 75,000 cups of java of every description each year to the campus community.

Housing  
(206) 587-6924
On-campus housing is not available. However, the Student Leadership Office, located above the Bookstore, provides forms for posting housing information on the housing bulletin board. The bulletin board listing housing information is located in the main school hallway across from the Information Center.
Safety
(206) 587-5442
The students’ well-being and safety are of utmost importance. It is vital that everyone follow strict safety procedures recommended in professional-technical classes. In the event of an on-campus accident or injury, students and faculty should report the accident to the Security Office so the injury can be addressed and an accident report completed. Do not hesitate to immediately call 9-911 for serious injuries. Instructors must be notified if the accident occurs during class.

Personal safety: Each of the campuses in the Seattle Community College District is a unique community where thousands of people work and study. However, as each campus is also open to the public, students should use the same caution as they would in any public place in taking care of their personal safety and personal belongings. Helpful campus information and statistics on personal safety are available at the Security Office, as well as at the Office of the Registrar, Financial Aid Office, and Student Leadership Office.

Policy on drugs: To provide a healthy, safe, and secure work and learning environment, each employee and student of the Seattle Community College District is expected to be in an appropriate mental and physical condition to perform assigned duties and fully participate in the learning process. The Policy on Drugs, effects of commonly abused drugs, and resources for assistance are outlined in a brochure available at a variety of locations on campus, including Student Activities, the Library, Information Center, Admissions Office and the Wellness Center.

Sexual harassment: Brochures outlining policy and procedures regarding sexual harassment complaints are also available at the locations listed above.

Student Accident Insurance
(206) 587-6924
Accident insurance is available to students registered for 6 or more credits. The districtwide policy provides broad coverage at a comparatively inexpensive rate. Information is available in the Student Leadership Office (above the Bookstore).

Student Activity Center
Recreation Information Line
(206) 587-6315
A wide array of equipment and activities are housed in the new three-level building complex directly east of the main campus, including a 5,000 sq. ft. fitness center, locker rooms with saunas, lap pool with adjacent spa, indoor squash and racquetball courts, indoor track and a gym with event seating for 1,000 spectators. Members are eligible to use all of the Center’s facilities and sports equipment. Towels are provided free of charge.

Student Leadership Division
(206) 587-6924
The Student Leadership Division, located above the Bookstore, offers students a wide variety of learning opportunities outside the formal classroom. Through involvement in co-curricular and extra-curricular social, cultural, and service programs and activities, students can identify and develop leadership skills and promote social and cultural sharing. Opportunities for involvement include:

STUDENT AMBASSADOR CORPS
Seattle Central Student Ambassadors provide leadership and assistance to new and prospective students as facilitators of the STAR new student orientations, presenters of FACTS workshops for current students, and by welcoming new students each quarter with a phone call. They also serve as campus hosts for special events and make presentations in the community about education at Seattle Central Community College. To be eligible for ambassadorship, students must complete HDC 120, Introduction to Leadership, Theory and Practice or HDC 121, Peer Advising. For more information: (206) 387-3890.

ASSOCIATED STUDENT COUNCIL
The official student government, responsible for representing students’ interests to the college administration, is composed of 12 members selected through a competitive process each spring to serve the following academic year. The six members of the Executive Board fulfill job descriptions set forth in the Associated Student Council Bylaws, while the six Associate members may undertake seasonal or ad hoc projects and responsibilities that serve the student body. Their weekly meetings are open to all students.

COLLEGE ACTIVITIES BOARD
The students who make up the College Activities Board work closely with the coordinator of Multicultural Events and Activities to create and facilitate programs, workshops, celebrations, music, and ceremonies that promote social and cultural understanding.

STUDENT ORGANIZATIONS BUDGET BOARD
Members of the Student Organizations Budget Board have the responsibility of allocating funds to support the projects and activities of Seattle Central clubs.

SEATTLE CENTRAL CLUBS
Each year students form 40-50 clubs representing the broad spectrum of interests and activities of Seattle Central’s diverse student body.

STUDENT DEVELOPMENT TRANSCRIPT
The Student Development Transcript provides an official record of students’ involvement, service and leadership in clubs, boards and committees. This record may be used as an addition to school, job and scholarship applications.
Student Publications

CITY COLLEGIAN (206) 587-6959
The City Collegian is the college newspaper published for and by students at Seattle Central Community College. A governing board sets policy guidelines. Students should contact the City Collegian if interested in joining the editorial or production staff.

THE WOMEN’S FORUM (206) 587-3854
Published twice a year through Women’s Programs, the Women’s Forum features articles, poetry and artwork by and about Seattle Central students.

Wellness Center (206) 344-4413
Central’s Wellness Center, located in room BE1146, offers a comprehensive program of prevention and wellness to create an environment supportive of healthier lifestyle choices. Students should contact the Wellness Center for resources, information, and referrals for both on and off-campus services. This is not a medical office, however, resources for affordable clinics can be accessed both daytime and evenings. For more information, visit the Web site at www.seattlecentral.org/wellness.

BEYOND THE CAMPUS

Seattle Central Alumni Association (206) 587-6940
The Alumni Association offers educational, cultural, social, and family programs and activities, as well as professional and personal development courses. All graduates, faculty, staff and former students are invited to join.

The Seattle Central Foundation (206) 587-5490
The Seattle Central Community College Foundation’s primary focus is helping the college ensure that its students receive the educational access and opportunities they need to succeed. To this end, the Foundation’s staff and volunteer Board of Directors actively seeks funding to support essential college programs and activities, which are generally not funded by state or federal monies. Just as important, the Board assists the college in establishing closer ties with the Seattle business community.

The primary funding priorities of the Foundation are the college-wide tutoring program, student scholarship program, faculty development and the childcare scholarship fund. Additional fund-raising priority projects are undertaken on a case-by-case basis.

Current priorities include raising $1.6 million for the renovation of the Fine Arts/Little Theatre building and an ongoing fund-raising campaign for college technology needs.

Western Washington University at Seattle Central Community College (206) 587-5468
Western Washington University offers a bachelor’s degree program in Human Services from classrooms at Seattle Central Community College. Contact the Advising Office for more information.
Institute of English  
(206) 587-3893  
The Seattle Central Institute of English is a self-supporting program offering a variety of accelerated English as a Second Language courses and related training for international students, business people and tourists. Most SCIE students are either preparing to enter U.S. colleges and universities, or are interested in improving their English skills for use in their home, country, or business.

International Student Office  
(206) 587-3893  
This office can help international students get started in their educational program and adjust to the Seattle area. See page 12 for additional information.

Multicultural Affairs Academic Support  
(206) 587-5466  
Seattle Central attracts a culturally diverse population of students, who are assisted in obtaining educational support services for success. In addition, multi-ethnic social and cultural events, such as celebrations of Black History Month, Cinco de Mayo, and the Lunar New Year, are sponsored by the Student Leadership Office. Students can contact the Student Leadership Office, located in room SAC 315 (above the Bookstore), at (206) 587-6924.

Veterans’ Affairs  
(206) 587-4147  
This office provides several special services for veterans. For more details, see “Financial Assistance for Veterans,” page 11.

Women’s Programs  
(206) 587-3854  
Women’s Programs, located in room 202 of the Fine Arts Building at Harvard and Pine, assists women in identifying and achieving their educational and career goals. Our programs place a special emphasis on support for low-income returning women students and women pursuing non-traditional career options. This office also coordinates WorkFirst services for the college, including tuition assistance for low-income parents and WorkFirst work study. Students can also access information on Women’s Programs at the Internet site: www.seattlecentral.org/womens-prog.

The Women’s Forum, a student publication celebrating the literary and artistic expression of Seattle Central women, is published at the beginning of winter and spring quarters.

Women’s Programs also sponsors student organizations such as Women in Science and Engineering and EMPOWER, a support and advocacy group for single parent students focused on public assistance and childcare concerns.

The Wednesday Noon Lecture Series, free and open to all, brings a wide variety of guest speakers to campus to discuss issues of concern to women. Seattle Central students may also register for HDC 190, Women in Society, to receive credit for participating in the lecture/discussion series.

Worker Retraining  
(206) 587-6310 V/TTY  
The Worker Retraining Office has been established to help dislocated and unemployed workers return to the labor force following an industry decline or mass layoff. The office provides -

- career planning
- training
- placement
- job search assistance
- financial aid

Travel/Study Courses  

Cooperative Education & Career Placement  
(206) 587-5422  
Travel/Study Courses provide students with an opportunity to earn credits for various travel/study experiences in an international setting. Students can earn credit for language enhancement, research-based, or work/internship/volunteer activities. Because these are contract courses, students are charged a per-course fee.

- EDU 291 Using the World as a Classroom .........................................5-10
- ITL 197 International Cooperative Education ........................................ 5
- ITL 198 International Cooperative Education ........................................ 5
- HUM 289 Chinese Language Enhancement through Experiential Activities ........................................ 5-10
- HUM 290 German Language Enhancement through Experiential Activities ........................................ 5-10
- HUM 291 Spanish Language Enhancement through Experiential Activities ........................................ 5-10
- HUM 292 French Language Enhancement through Experiential Activities ........................................ 5-10
- HUM 293 Italian Language Enhancement through Experiential Activities ........................................ 5-10
- HUM 297 Japanese Language Enhancement through Experiential Activities ........................................ 5-10
- HUM 298 Portuguese Language Enhancement through Experiential Activities ........................................ 5-10
- SCI 296 Natural History: Tropical Ecosystems in Costa Rica ............ 5-10
- SCI 297 Natural History: Tropical Ecosystems ........................................ 5-10
- SSC 297 Travel/Study Experience ...................................................... 5-10
Seattle Central Community College offers a full spectrum of college transfer courses that apply toward a four-year program of study. Students are encouraged to earn their Associate of Arts or Associate of Science degree at Seattle Central Community College for greater ease of transfer to a four-year institution; they may also take individual classes for transfer. It is recommended that students confer with an academic advisor to ensure course transferability.

Students planning to earn an A.A. or A.S. degree must meet minimum standards of preparation. Those whose records and test scores indicate a need for additional preparation may be required to complete preliminary work in the college preparatory program.

See page 18 for information on transfer degrees.

### ACADEMIC PROGRAMS

College transfer courses are offered in several disciplines, including:

- Anatomy & Physiology
- Anthropology
- Art
- Astronomy
- Biology
- Business
- Chemistry
- Communication
- Computer Science
- Drama
- Earth Science
- Economics
- English
- Environmental Science
- General/Biological Science
- Geography
- Geology
- Health
- Humanities
- Journalism
- Mathematics
- Music
- Nutrition
- Philosophy
- Physics
- World Languages

These fields of study are grouped among three Areas of Knowledge (see page 16) and are included throughout the A.A. degree curriculum.

### For Engineering Pre-Majors

**Science & Math Division**  
(206) 587-3858

The courses listed below generally meet requirements for the first and second years of study toward completion of a four-year engineering program, but may not constitute a complete two-year program leading to junior standing. Students who anticipate transferring to a specific school should consult with a counselor for assistance in course selection.

**SUGGESTED COURSES**

- Chemistry 140, 150 and 160 (some majors require only 8 credits)
- Engineering 123, 142, 161, 170, 171, 210, 215, 220, 230, 231, 260
- English 106
- Math 124, 125, 126, 220, 238
- Physics 201, 202, 203

**OTHER REQUIREMENTS**

Credits in general education, English and liberal studies as required for an A.A. or A.S. degree.
English as a Second Language

English as a Second Language (ESL) classes help non-English speaking persons understand, speak, read, and write English in order to carry out daily personal activities, get or keep a job, advance in the workplace or continue their educational goals.

English as a Second Language classes are free for U.S. residents. A wide range of class levels start at the literacy level (pre-beginning) and progress through the intermediate level. Emphasis is on improving listening, comprehension, pronunciation, vocabulary development and English structure. An ESL skills lab provides additional practice in pronunciation, listening and conversation outside the classroom. Students can also improve English skills through the use of computers. (See course descriptions under English/English as a Second Language.)

Transitional English as a Second Language

This program is designed for students preparing for vocational or academic study at U.S. colleges. The classes help the non-native speaker develop better speaking, reading, and writing skills needed for college-level study. Beginning with grammar and vocabulary skills, the courses advance to note-taking, composition, oral presentation and class discussion skills at a more advanced level. Two levels of Transitional English as a Second Language are available. Students must qualify for transitional ESL by taking the SLEP test. Pre-college level courses require payment of tuition. (See course descriptions under English/English as a Second Language.)

Adult Basic Education

Adult Basic Education (ABE) is a tuition-free program that enables adults to improve basic reading, writing, and math skills. Students in this program can start at a level that matches their current skills and progress at their own pace. Classes in basic math and communication skills are designed to help adults become more self-sufficient, find better jobs, or qualify for entry into post-secondary education programs. Class activities help students work more effectively with others, understand how they can increase their own learning, and increase personal responsibility. In addition to teacher-led classes, students can learn basic skills through the use of computers and improve their computer literacy skills. Classes are offered from Level 2 through Level 4. (See course descriptions under Adult Basic Education.)

General Education Development Preparation

Adults may demonstrate that they have reached an education level equal to a high school diploma by taking the General Education Development (GED) test. GED preparation helps students improve their reading, writing and math skills before taking the test. The course also covers the science and social studies skills required to pass the test. The class stresses math for practical problem-solving, English usage, reading comprehension and test-taking skills.

Ability to read at or above eighth grade level or completion of ABE Level 3 is required for students. Students who pass the GED test earn a GED certificate, acceptable to colleges, vocational programs, unions, and many employers as equivalent to a high school diploma. (See course descriptions under General Educational Development.)
High School Completion
(206) 587-5450

For students who have not completed work for a high school diploma, High School Completion offers the opportunity to earn the diploma through two options. The basic requirements for each of these options are listed below, but students planning to work toward a high school diploma should obtain a copy of “Requirements for the High School Diploma” from the Admissions Office for complete information.

According to Washington State Law (WAC 180-51-035): “A student shall have the right to graduate in accordance with the standards in effect for the school of graduation for any year since such student commenced the ninth grade unless more than ten years has passed since such entry. In such case, the student shall have the right to graduate in accordance with the standards in effect for the school of graduation for any year within the last ten years.” A fee may be required (see class schedule for details).

OPTION A:
Standard High School Diploma
(95 college credits)

A high school diploma may be earned by satisfactorily completing 95 college credits consisting of the required courses and approved elective courses. The majority of these classes are college level substitute courses. Placement into these substitute courses is based on assessment results.

An applicant must submit an official transcript of the last high school attended and transcripts from any colleges attended. Transcripts will be evaluated to show how many credits or equivalent courses apply towards the 95 credits. A minimum grade point average of 2.0 is required for graduation. The final quarter of attendance must be taken at Seattle Central.

REQUIRED COURSES OR APPROVED COLLEGE SUBSTITUTE:*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sophomore English (ENG 092 or 096)</td>
<td>5**</td>
</tr>
<tr>
<td>Junior English (ENG 096 or 101)</td>
<td>5</td>
</tr>
<tr>
<td>Senior English (ENG 096 or 101 or 102)</td>
<td>5</td>
</tr>
<tr>
<td>Fine Arts (Drama, Music or Art)</td>
<td>5</td>
</tr>
<tr>
<td>Pacific Northwest History (HIS 264)</td>
<td>5</td>
</tr>
<tr>
<td>U.S. History I (HIS 111, 113, 114)</td>
<td>5</td>
</tr>
<tr>
<td>U.S. History II (HIS 106, 112, 113)</td>
<td>5</td>
</tr>
<tr>
<td>Contemporary World Problems</td>
<td>5</td>
</tr>
<tr>
<td>Courses may be selected from POL 112, 220, 230; ENV 150; GEG 207; ECO 160, 203; HIS 103, 200; SOC 110, 200, 150, 270, ANT 130.</td>
<td></td>
</tr>
<tr>
<td>Mathematics series (MAT 081)</td>
<td>10</td>
</tr>
<tr>
<td>Pre-algebra, Algebra I, or a math class at student's placement level.</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>10</td>
</tr>
<tr>
<td>Two courses, one of which must be a lab science. To complete the science requirement, the student may take any science courses for which prerequisites have been met.</td>
<td></td>
</tr>
<tr>
<td>Occupational Education</td>
<td>5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>Health (HEA 125, 150)</td>
<td>5</td>
</tr>
</tbody>
</table>

Approved Electives .................................................. 23-25
Electives are chosen from college transfer or professional technical courses.

TOTAL CREDITS 95

Students who began ninth grade prior to July 1, 1987 are not required to complete the 5-credit Fine Arts requirement. For those students, a total of 90 credits is required as follows:

REQUIRED CREDITS 65-67
ELECTIVE CREDITS 23-25
TOTAL CREDITS 90

*Students wishing to substitute a course for one of the requirements should contact a counselor.

**In the Seattle Community Colleges, a 5-credit class is equivalent to one year of high school study.

WORK EXPERIENCE
Through the Cooperative Education Office, up to 5 credits may be granted for current work experience.

OPTION B:
Associate Degree
Conversion Diploma

A student may be granted a high school diploma by satisfactorily completing the Associate of Arts degree or the Associate of Science degree and the following additional courses:

- U.S. History I (HIS 111, 112, or 114) ........................................... 5
- U.S. History II (HIS 106, 112, or 115) ......................................... 5
- Pacific Northwest History (HIS 264) ........................................... 3-5

ABOUT THE TUITION WAIVER FOR HIGH SCHOOL COMPLETION

80% of the regular tuition is waived for students who fulfill the following criteria:

1. Age 19 or older
2. Resident of the State of Washington

To receive a tuition waiver, a student must submit an application for high school diploma completion. If the student selects the associate’s degree option, only the courses listed above for Option B will be covered by the waiver.

Students 18 years old and younger whose class has not yet graduated must pay the regular tuition fees for their courses unless they enroll in Running Start (see page 23). Non-residents will be charged the resident tuition fee. These students must also be approved to attend Seattle Central by the Director of Admissions and obtain a letter of release from their school district. Seattle School District students should contact the Office of Student Placement.
INTERACTIVE MULTIMEDIA COURSES (206) 587-4060
Interactive multimedia courses come in two different formats: CD-ROM or via the Internet. Individuals who have access to the Internet can pre-register for courses online and receive their course guides, assignments, teacher's review and comments via e-mail.

3D ANIMATION MULTIMEDIA COURSES (206) 344-4350
Seattle Central offers a full range of training workshops and projects for current and aspiring professionals in the interactive multimedia industry. Focus of the instruction is on state-of-the-art software packages and programs from visual layout to 3D animation.

Customized/Contract Certificate Training (206) 587-5483
Continuing and Professional Education, in partnership with government and industry partners, conducts a number of extended training programs that result in a professional certificate. Programs such as bilingual court interpreter, Family Education Program, and Sustainable Building Advisor Certificate Program reflect a growing trend in short-term, high-impact development for high-demand professionals with special knowledge and skills. Continuing Education units are also available for professional development requirements.

Online Training/Courses (206) 587-3843
Individuals who have severe time constraints, but who want to receive training in personal enrichment courses, computer training, and professional development can sign up for a variety of non-credit, online classes from the college's Continuing Education Department.

RetailSkills Center (206) 587-5499
The RetailSkills Center, located in downtown Seattle, offers a variety of specialized courses and certificate programs for individuals seeking to improve their business and computer skills, or employment situation. Extensive resources for job seekers are also available. This program works in partnership with the National Retail Federation, local employers, state agencies and community-based organizations.

Teacher Training Program (206) 287-5541
K-12 paraprofessionals, teacher aides, teachers, and those interested in becoming teachers can enroll in the college's Associate of Arts with Education Emphasis program. The program is designed to fulfill the requirements for Seattle Central's A.A. degree with Education Emphasis, while simultaneously fulfilling prerequisite courses needed for an elementary teacher preparation program (B.A. degree) at a local four-year college or university. Federal grants enable qualified individuals to receive courses tuition-free with books and related expenses also covered. The Teacher Training program offers a special ESL teaching institute every summer.
Communications & Design Division
(206) 587-3830

The Apparel Design & Services program provides the fundamentals of patternmaking and garment construction for the apparel industry. Courses cover an overview of the apparel manufacturing industry; ready-to-wear and custom construction techniques; patternmaking methods including draping, flat and drafting; pattern grading; garment design; color and textiles; alterations; and contemporary tailoring methods and computers.

Associate of Applied Science Degree (A.A.S.)

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADS 101</td>
<td>Construction Techniques for Professional Applications</td>
<td>4</td>
</tr>
<tr>
<td>ADS 102</td>
<td>Intermediate Construction for Professional Applications</td>
<td>4</td>
</tr>
<tr>
<td>ADS 103</td>
<td>Mass Market Production Techniques</td>
<td>4</td>
</tr>
<tr>
<td>ADS 111</td>
<td>Design Through Flat Patternmaking I</td>
<td>4</td>
</tr>
<tr>
<td>ADS 112</td>
<td>Pattern Development Through Draping</td>
<td>4</td>
</tr>
<tr>
<td>ADS 113</td>
<td>Design Through Flat Patternmaking II</td>
<td>4</td>
</tr>
<tr>
<td>ADS 122</td>
<td>Professional Alterations &amp; Fitting I</td>
<td>2</td>
</tr>
<tr>
<td>ADS 139</td>
<td>Intro to Apparel Manufacturing</td>
<td></td>
</tr>
<tr>
<td>ADS 141</td>
<td>Textile Technology &amp; Design I</td>
<td>2</td>
</tr>
<tr>
<td>ADS 142</td>
<td>Textile Technology &amp; Design II</td>
<td>2</td>
</tr>
<tr>
<td>ADS 197*</td>
<td>Work Experience: Apparel Design &amp; Services</td>
<td>8</td>
</tr>
<tr>
<td>ADS 203</td>
<td>Contemporary Tailoring</td>
<td></td>
</tr>
<tr>
<td>ADS 207</td>
<td>Active Sportwear Construction</td>
<td>4</td>
</tr>
<tr>
<td>ADS 215</td>
<td>Intro to Pattern Grading for the Garment Industry</td>
<td>4</td>
</tr>
<tr>
<td>ADS 221</td>
<td>Professional Alterations &amp; Fitting II</td>
<td>2</td>
</tr>
<tr>
<td>ADS 226</td>
<td>Intermediate Pattern Grading</td>
<td>4</td>
</tr>
<tr>
<td>ADS 227</td>
<td>Pattern Design for Ready-to-Wear</td>
<td>4</td>
</tr>
<tr>
<td>ADS 228</td>
<td>Pattern Design for Active Sportswear</td>
<td>4</td>
</tr>
<tr>
<td>ADS 229</td>
<td>Design a Line</td>
<td>2</td>
</tr>
<tr>
<td>ADS 230*</td>
<td>Portfolio &amp; Resume Development</td>
<td>2</td>
</tr>
<tr>
<td>ADS 240*</td>
<td>Computerized Pattern Grading</td>
<td>3</td>
</tr>
<tr>
<td>ADS 243</td>
<td>Textile Technology &amp; Design III</td>
<td>2</td>
</tr>
<tr>
<td>ADS 250</td>
<td>Final Line Design &amp; Development</td>
<td>6</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADS 298</td>
<td>Special Topics in Apparel Design and Services</td>
<td>1-5</td>
</tr>
<tr>
<td>BUS 185*</td>
<td>Small Business Management</td>
<td></td>
</tr>
<tr>
<td>MIC 141*</td>
<td>Computer Apps. for Apparel Design I</td>
<td>3</td>
</tr>
<tr>
<td>MIC 142*</td>
<td>Computer Apps. for Apparel Design II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220*</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

* Classes which meet the Related Instruction requirement.

TOTAL CREDITS 90-92

NOTE: This program is currently under revision. Students should check with the division office regarding current requirements.

Certificate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 210</td>
<td>Financial Accounting Fundamentals I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>COM 140</td>
<td>Intro to Media Images</td>
<td>3</td>
</tr>
<tr>
<td>COM 197</td>
<td>Visual and Applied Communications</td>
<td>10</td>
</tr>
<tr>
<td>COM 200</td>
<td>Small Group Productions</td>
<td>4</td>
</tr>
<tr>
<td>COM 298</td>
<td>Special Topics in Applied Visual Communications</td>
<td>12</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>HDC 106</td>
<td>Interviews, Resumes and Job Hunting, Employer/Employer Interaction</td>
<td>1</td>
</tr>
<tr>
<td>MIC 105</td>
<td>Using Computers</td>
<td>2</td>
</tr>
<tr>
<td>MIC 130</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 50
## BIOTECHNOLOGY

### Science & Math Division
(206) 587-3858

Skills and training for those interested in working at biotechnology companies or research laboratories using biotechnology. An Associate of Applied Science Degree (A.A.S.) may be earned by completing the basic program requirements plus 15 credits in the visual, literary, and performing arts category, and 20 credits in the individual, cultures and society category. Please consult the Counseling Office for more information. Students must maintain a minimum 2.0 GPA in their coursework to remain in the program.

**NOTE:** This program is currently under revision. Students should check with the division office regarding current degree requirements.

Students intending to transfer to a four-year university should take 200-level BIO and Major's CHE.

### Associate of Applied Science Degree (A.A.S.)

#### TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101*</td>
<td>General Biology I</td>
<td>5</td>
</tr>
<tr>
<td>BIO 102*</td>
<td>General Biology II</td>
<td>5</td>
</tr>
<tr>
<td>BIO 195</td>
<td>Biotechnology Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>BIO 196</td>
<td>Biotechnology Seminar II</td>
<td>1</td>
</tr>
<tr>
<td>BIO 197**</td>
<td>Cooperative Work Experience</td>
<td>3</td>
</tr>
<tr>
<td>BIO 280</td>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 282</td>
<td>Media &amp; Solution Preparation</td>
<td>2</td>
</tr>
<tr>
<td>BIO 285</td>
<td>Biotechnology I</td>
<td>6</td>
</tr>
<tr>
<td>BIO 286</td>
<td>Biotechnology II</td>
<td>6</td>
</tr>
<tr>
<td>BIO 287</td>
<td>Biotechnology III</td>
<td>6</td>
</tr>
<tr>
<td>BIO 290</td>
<td>General Genetics</td>
<td>5</td>
</tr>
<tr>
<td>BIO 295</td>
<td>Immunology</td>
<td>5</td>
</tr>
<tr>
<td>CHE 101†</td>
<td>Chemistry</td>
<td>5</td>
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<tr>
<td>CHE 102†</td>
<td>Chemistry</td>
<td>5</td>
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<tr>
<td>CHE 103†</td>
<td>Biochemistry</td>
<td>5</td>
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<tr>
<td>CHE 211</td>
<td>Quantitative Analysis for Biotechnology</td>
<td>5</td>
</tr>
<tr>
<td>CSC 180</td>
<td>Scientific Computing &amp; Bioinformatics</td>
<td>3</td>
</tr>
<tr>
<td>MIC 101††</td>
<td>Intro to Microcomputer Applications</td>
<td>4</td>
</tr>
</tbody>
</table>

### RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>ENG 106†</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>MAT 122</td>
<td>Pre-calculus</td>
<td>5</td>
</tr>
</tbody>
</table>

* BIO 100, ANP 128, BIO 201 or higher may be taken as substitutes.

** May be taken any time during program. BIO 280 is recommended before applying for internship positions.

† Any Chemistry series higher than 100-level may be substituted.

†† Any four-credit MIC may be substituted.

* Students intending to complete transfer degrees (A.A. or A.A.S.) need to take ENG 102 instead.

### TOTAL CREDITS

95

## BUSINESS INFORMATION TECHNOLOGY

### Allied Health, Business, Languages & Cultures Division
(206) 344-4347

The Business Information Technology program prepares students for employment as specialists in information processing and office administrative assistant positions requiring computer literacy in word processing, spreadsheet, and database business applications.

### Certificate

#### REQUIRED COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 111</td>
<td>Diversity Issues in Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 116</td>
<td>Business Math/Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 132</td>
<td>Integrated Communications II</td>
<td>5</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Customer Relations</td>
<td>5</td>
</tr>
<tr>
<td>BUS 170</td>
<td>Information Technology I</td>
<td>4</td>
</tr>
<tr>
<td>BUS 171</td>
<td>Information Technology II</td>
<td>4</td>
</tr>
<tr>
<td>BUS 172</td>
<td>Information Technology III</td>
<td>4</td>
</tr>
<tr>
<td>BUS 182</td>
<td>Information &amp; Database Management</td>
<td>5</td>
</tr>
<tr>
<td>BUS 197</td>
<td>Work Experience: Business</td>
<td>4</td>
</tr>
<tr>
<td>BUS 216</td>
<td>Professional Development</td>
<td>5</td>
</tr>
</tbody>
</table>

### TOTAL CREDITS

49

### Associate of Applied Science Degree (A.A.S.)

#### COMPLETION OF CERTIFICATE REQUIREMENTS

**ALLIED SUPPORT COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 210</td>
<td>Financial Accounting: Fundamentals I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 100</td>
<td>Fundamentals of Supervision</td>
<td>3</td>
</tr>
<tr>
<td>BUS 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>BUS 185</td>
<td>Small Business Management</td>
<td>5</td>
</tr>
<tr>
<td>BUS 103</td>
<td>Human Resources Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS 178</td>
<td>Intro to Web Design with HTML</td>
<td>5</td>
</tr>
<tr>
<td>BUS 181</td>
<td>Intro to Desktop Publishing</td>
<td>5</td>
</tr>
<tr>
<td>MIC 120</td>
<td>Database, Applications &amp; Design with MS Access</td>
<td>4</td>
</tr>
<tr>
<td>CMN 105</td>
<td>(Formerly CMN/SPE 100) Perspectives on Communication</td>
<td>5</td>
</tr>
</tbody>
</table>

### GENERAL EDUCATION COURSES

Ten credits. Selections must be made from a list of approved General Education courses. Contact the Advising Center.

### TOTAL CREDITS

94
CORRECTIONS OFFICER TRAINING

Humanities & Social Sciences Division
(206) 587-4164

NOTE: This program is currently under revision. Interested students should contact the Health and Human Services Division office for program content and requirements.

SEATTLE CULINARY ACADEMY

Hospitality & Culinary Arts Division
(206) 587-5425

Seattle Central's culinary arts program encompasses all skill levels of the restaurant, hotel and food service industries, and includes procurement, sanitation, nutrition, food preparation, service training and principles of management, with an emphasis on international cuisine. Students can begin the program during fall, winter or spring quarters. The curriculum provides a six-quarter certificate, with the opportunity to earn an Associate of Applied Science or Applied Arts (A.A.S. or A.A.) degree thereafter.

NOTE: The A.A.S. degree may not transfer to a four-year institution. To continue for a bachelor's degree, students should see the division counselor or assistant dean to choose courses in support of the A.A. degree.

The program offers professional/technical training required for industry opportunities ranging from entry-level to executive chef and key management positions. Graduates may continue their education in the program's continuing education classes. For completion, all programs require a high school diploma or G.E.D. and minimum 2.0 grade point average in all core and related instruction courses.

The wide selection of classes includes extensive theory, including the French basics; hands-on training in the kitchen, bakery, dining rooms and cafeteria; restaurant management exercises; the "Chef-of-the-Day" menu writing and production course; and optional participation in competitive food shows and exhibits. All training is directly supervised by world-class executive chefs and pastry chefs.

This program is accredited by the American Culinary Federation.

Culinary Arts
Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAK 104</td>
<td>Intro to Baking: Theory</td>
<td>1</td>
</tr>
<tr>
<td>BAK 105</td>
<td>Restaurant Baking: Theory</td>
<td>1</td>
</tr>
<tr>
<td>BAK 114</td>
<td>Intro to Baking: Practicum</td>
<td>0.5</td>
</tr>
<tr>
<td>BAK 115</td>
<td>Restaurant Baking: Practicum</td>
<td>0.5</td>
</tr>
<tr>
<td>BAK 116</td>
<td>Fine Dining Baking: Practicum</td>
<td>0.5</td>
</tr>
<tr>
<td>CUL 101</td>
<td>Intro to Professional Cooking: Theory</td>
<td>8</td>
</tr>
<tr>
<td>CUL 102</td>
<td>Quantity Cooking: Theory</td>
<td>5</td>
</tr>
<tr>
<td>CUL 103</td>
<td>Restaurant Cooking: Theory</td>
<td>5</td>
</tr>
<tr>
<td>CUL 111</td>
<td>Intro to Professional Cooking: Practicum</td>
<td>4</td>
</tr>
<tr>
<td>CUL 112</td>
<td>Quantity Cooking: Practicum</td>
<td>8</td>
</tr>
<tr>
<td>CUL 113</td>
<td>Restaurant Cooking: Practicum</td>
<td>8</td>
</tr>
<tr>
<td>CUL 114</td>
<td>Fine Dining: Practicum</td>
<td>8</td>
</tr>
<tr>
<td>CUL 200</td>
<td>Advanced Culinary Management: Clinical</td>
<td>1</td>
</tr>
<tr>
<td>CUL 203</td>
<td>Chef of the Day: Practicum</td>
<td>1</td>
</tr>
<tr>
<td>CUL 251</td>
<td>Buffet Catering/Garde Manger/Ice Carving: Theory</td>
<td>4</td>
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<tr>
<td>CUL 255</td>
<td>Buffet Catering/Garde Manger/Ice Carving: Practicum</td>
<td>8</td>
</tr>
<tr>
<td>HOS 101</td>
<td>Intro to Customer Service: Practicum</td>
<td>0.5</td>
</tr>
<tr>
<td>HOS 102</td>
<td>Customer Service: Practicum</td>
<td>1</td>
</tr>
<tr>
<td>HOS 103</td>
<td>Table Service: Practicum</td>
<td>1</td>
</tr>
<tr>
<td>HOS 104</td>
<td>Tableside Service: Practicum</td>
<td>1</td>
</tr>
</tbody>
</table>
HOS 109  Advanced Customer Service .................................. 0.5
HOS 110  Principles of Sanitation .................................... 3
HOS 111  Intro to Customer Service: Theory .................. 3
HOS 122  Purchasing & Inventory: Theory ...................... 1
HOS 123  Food Costing Principles & Application .......... 1
HOS 124  Computerized Menu Planning .......................... 2
HOS 200  Functions of Management ................................. 6

RELATED INSTRUCTION
BIO 103  Nutrition for Food Service Professionals ............ 3
ENG 105  Applied Composition ......................................... 3
HDC 106  Interviewing, Resumes, Job Hunting, Employer/Employee Interaction .............. 1
MAT 110  Applied Math for Technicians .......................... 3
MIC 102  Using Computers .............................................. 1
PSY 200  Contemporary Problems in Psychology .............. 5

TOTAL CREDITS 102.5

NOTE: Certain courses require concurrent enrollment. Please check under culinary course descriptions for specifics.

**Associate of Applied Science Degree (A.A.S.)**

**COMPLETION OF CERTIFICATE REQUIREMENTS**

**ALLIED SUPPORT ELECTIVES**

Select 12 credits from any CSC, BUS, MIC or college transfer class, or CUL 299.

**GENERAL EDUCATION ELECTIVES**

Select 4 credits from any humanities, social science, natural science, or CSC class.

TOTAL CREDITS 118.5

**Specialty Desserts & Breads**

A newly expanded, five-quarter program designed to provide skills in dessert and bread preparation for baking and pastry chef positions in upscale restaurants, hotels, private clubs, catering companies, coffeehouses and pastry shops. Students can begin the program during fall, winter or spring quarters. The curriculum provides a five-quarter certificate, with the opportunity to earn an A.A.S. degree, thereafter.

Utilizing contemporary methods and state-of-the-art equipment, the comprehensive, hands-on training covers all aspects of baking and pastry. Students will be trained in rustic artisan breads and dough, plated desserts and complex cakes and tortes, in addition to the requisite croissants and pastries. Items covered include tarts, mousses, trifles, petits fours, wedding cakes and cake decorating, chocolate work, plated desserts and European specialties. Demonstrations of pulled and blown sugar and intricate decoration and showpieces are also included.

Classroom theory instruction is accompanied by hands-on experience preparing and serving breads and desserts for two on-campus restaurants and the pastry shop.

**NOTE:** The A.A.S. degree may not transfer to a four-year institution.

**Certificate**

**TECHNICAL SPECIALTY COURSES**

| BAK 101 | Intro to Desserts & Breads: Theory .................................. 4 |
| BAK 102 | Beginning Desserts & Breads: Theory .................................. 3 |
| BAK 111 | Intro to Desserts & Breads: Practicum .......................... 6 |
| BAK 112 | Beginning Desserts & Breads: Practicum ...................... 8 |
| BAK 113 | Intermediate Desserts & Breads: Practicum ................... 8 |
| BAK 123 | Advanced Desserts & Breads: Theory ............................. 2 |
| BAK 124 | Advanced Buffet Desserts & Wedding Cakes: Practicum .... 8 |
| BAK 125 | Advanced Desserts & Breads: Practicum ...................... 8 |
| CUL 106 | Introduction to Culinary Arts: Theory .......................... 1 |
| CUL 116 | Introduction to Culinary Arts: Practicum ..................... 1 |
| BAK 200 | Desserts & Breads Externship Project ......................... 1 |
| HOS 101 | Intro to Customer Service: Practicum .......................... 0.5 |
| HOS 102 | Customer Service: Practicum ....................................... 1 |
| HOS 105 | Bakery Counter Service: Practicum ............................... 1 |
| HOS 106 | Advanced Bakery Counter Service: Practicum ................. 1 |
| HOS 110 | Principles of Sanitation .............................................. 3 |
| HOS 122 | Purchasing & Inventory: Theory ..................................... 1 |
| HOS 123 | Food Costing Principles & Application .......................... 1 |
| HOS 201 | Functions of Management ............................................ 4 |

**RELATED INSTRUCTION**

| BIO 103 | Nutrition for Food Service Professionals .......................... 3 |
| ENG 105 | Applied Composition ..................................................... 3 |
| HDC 106 | Interviewing, Resumes, Job Hunting, Employer/Employee Interaction .............. 1 |
| MAT 110 | Applied Math for Technicians ......................................... 3 |
| MIC 102 | Using Computers .............................................................. 1 |
| PSY 220 | Psychology of Human Relations ........................................ 3 |

TOTAL CREDITS 76.5

**Associate of Applied Science Degree (A.A.S.)**

**COMPLETION OF CERTIFICATE REQUIREMENTS**

**ALLIED SUPPORT ELECTIVES**

SELECT 12 CREDITS FROM ANY CSC, BUS, MIC OR COLLEGE TRANSFER CLASS, OR CUL 299.

**GENERAL EDUCATION ELECTIVES**

Select 4 credits from any humanities, social science, natural science, or CSC class.

TOTAL CREDITS 92.5
DEAF INTERPRETER TRAINING

Allied Health, Business, Languages & Cultures Division

V/TTY (206) 344-4347

Also see Interpreter Training Program, page 132.

The Deaf Interpreting Certificate program prepares students to work as intermediaries for deaf people and deaf-blind consumers. Increasingly, this career has become an option for deaf individuals. The curriculum includes skills classes and practicums.

Deaf interpreters work in areas such as colleges, public schools, or as freelance interpreters. This program provides students with a background that prepares them for work in human services areas such as vocational rehabilitation, early childhood education, and social and mental health agencies. Graduates may also be employed in theaters, libraries, corporations, museums, or other areas in which deaf and hearing people interact.

Students must have successfully completed two years of American Sign Language (ASL 101-103 and 201-203) or have equal skill in signing to enter this program. New students are accepted in the fall of each year, and the program completion time is two years. Eligibility for all certificates and degrees requires a cumulative GPA of 2.0 or above in all coursework. Contact the program counselor for program application procedures, schedule information and revisions.

Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASL 120</td>
<td>Intro to Deaf Studies</td>
<td>5</td>
</tr>
<tr>
<td>ASL 125</td>
<td>American Deaf Culture</td>
<td>5</td>
</tr>
<tr>
<td>ITP 115</td>
<td>Survey of Interpreting</td>
<td>3</td>
</tr>
<tr>
<td>ITP 119</td>
<td>Deaf-Blind Interpreting</td>
<td>4</td>
</tr>
<tr>
<td>ITP 145</td>
<td>Ethics of Interpreting</td>
<td>3</td>
</tr>
<tr>
<td>ITP 216</td>
<td>Interpreting Specialized Settings</td>
<td>3</td>
</tr>
<tr>
<td>ITP 217</td>
<td>Professional Entry Preparation</td>
<td>3</td>
</tr>
<tr>
<td>ITP 245</td>
<td>Applied Interpreting Experience I</td>
<td>4</td>
</tr>
<tr>
<td>ITP 250*</td>
<td>Applied Interpreting Experience II</td>
<td>4</td>
</tr>
<tr>
<td>ITP 255*</td>
<td>Applied Interpreting Experience III</td>
<td>4</td>
</tr>
<tr>
<td>ITP 260*</td>
<td>Interpreting IV</td>
<td>4</td>
</tr>
<tr>
<td>ITP 261*</td>
<td>Interpreting V</td>
<td>4</td>
</tr>
<tr>
<td>DRA 112</td>
<td>ASL Theatre</td>
<td>5</td>
</tr>
<tr>
<td>LAN 110</td>
<td>Comparative Linguistics: ASL and English</td>
<td>5</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>HUM 105</td>
<td>Intercultural Communication</td>
<td>5</td>
</tr>
<tr>
<td>SPS 201</td>
<td>Survey of Hearing Impairment</td>
<td>5</td>
</tr>
</tbody>
</table>

Any 5 credit course meeting the Math Requirement                         5
* Satisfactory performance (2.5 GPA) required in the previous interpreting class in order to continue in the program.

NOTE: Students must maintain a 2.0 GPA in their coursework to remain in the program.

TOTAL CREDITS 76

FILM & VIDEO COMMUNICATIONS

Communications & Design Division

(206) 587-3830

The Film and Video Communications program provides training for employment in the rapidly growing broadcast and cable television, and video industries. The two-year curriculum leading to an Associate of Applied Science (A.A.S.) degree is characterized by interdisciplinary teaching, cooperative education opportunities and an emphasis on development of technical and creative skills needed to work in an artistic industry.

Job opportunities for graduates include positions such as studio technician, sound/audio technician, lighting technician, set designer, production assistant, technical director and camera operator/camera technician.

Associate of Applied Science Degree (A.A.S.)

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 101</td>
<td>TV Theory &amp; Camera Composition</td>
<td>5</td>
</tr>
<tr>
<td>COM 102</td>
<td>TV Production &amp; Post-Production</td>
<td>5</td>
</tr>
<tr>
<td>COM 103</td>
<td>TV Production Crew &amp; Team Projects</td>
<td>5</td>
</tr>
<tr>
<td>COM 130</td>
<td>TV Production Design</td>
<td>3</td>
</tr>
<tr>
<td>COM 140</td>
<td>Intro to Media Images</td>
<td>3</td>
</tr>
<tr>
<td>COM 197</td>
<td>Work Experience – Applied Video Communications</td>
<td>3</td>
</tr>
<tr>
<td>COM 200</td>
<td>Small Group Productions</td>
<td>3</td>
</tr>
<tr>
<td>COM 214</td>
<td>History of Film &amp; Video</td>
<td>3</td>
</tr>
<tr>
<td>COM 213</td>
<td>Media Law &amp; Ethics</td>
<td>3</td>
</tr>
<tr>
<td>COM 219</td>
<td>Advanced TV Production/Applied Communications</td>
<td>3</td>
</tr>
<tr>
<td>COM 230</td>
<td>Technical Operations</td>
<td>2</td>
</tr>
<tr>
<td>COM 235</td>
<td>Production Management</td>
<td>3</td>
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<tr>
<td>COM 236</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>COM 240</td>
<td>Production Operations</td>
<td>3</td>
</tr>
<tr>
<td>COM 250</td>
<td>Portfolio Preparation</td>
<td>2</td>
</tr>
<tr>
<td>COM 260</td>
<td>Directing</td>
<td>3</td>
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<tr>
<td>COM 270</td>
<td>In-House Productions</td>
<td>3-5</td>
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RELATED INSTRUCTION

<table>
<thead>
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<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>DRA 120</td>
<td>Intro to Acting</td>
<td>5</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>ENG 130</td>
<td>Writing for the Media: Scriptwriting</td>
<td>5</td>
</tr>
<tr>
<td>ENG 135</td>
<td>Writing for the Media: Advanced Scriptwriting</td>
<td>3</td>
</tr>
<tr>
<td>ENG 203</td>
<td>Writing for the Media: Advanced Scriptwriting</td>
<td>3</td>
</tr>
<tr>
<td>HIS 130</td>
<td>History of Broadcasting</td>
<td>3</td>
</tr>
<tr>
<td>MIC 105</td>
<td>Using Computers</td>
<td>2</td>
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<tr>
<td>MIC 130</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>MIC 131</td>
<td>Nonlinear Editing</td>
<td>3</td>
</tr>
<tr>
<td>MIC 241</td>
<td>2D &amp; 3D Animation</td>
<td>3</td>
</tr>
<tr>
<td>SOC 120</td>
<td>Sociology of the Media</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 101-103
GRAPHIC DESIGN & ILLUSTRATION

Communications & Design Division
(206) 587-3830

This two-year program combines hands-on computer-based knowledge and skills for employment in the graphic design and illustration field. The six-quarter program includes classes in design, typography, illustration, and digital production to prepare students for positions in print and electronic design. Students move between studio classrooms and up-to-date computer labs with instructors experienced in the field. Full-time and adjunct faculty are practicing professionals, and the curriculum is monitored by an industry-based Technical Advisory Committee to maintain contemporary standards. The coursework is subject to change based on constant review and changes in the industry.

Students completing this program are prepared for entry-level positions in advertising agencies, producing layouts and presentations; newspaper, retail, corporate, and in-house graphics departments; as freelance print and electronic designers and illustrators; and design studios assisting in the design and creation of corporate logos, annual reports, posters, brochures and Web graphics.

NOTE: The curriculum is currently under revision. Students should check with the division office regarding current information.

Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DES 101</td>
<td>Drawing I</td>
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<tr>
<td>DES 102</td>
<td>Drawing II</td>
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<tr>
<td>DES 103</td>
<td>Drawing III</td>
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<tr>
<td>DES 109</td>
<td>Graphic Design Business Practices</td>
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<tr>
<td>DES 110</td>
<td>History of Graphic Design</td>
<td>2</td>
</tr>
<tr>
<td>DES 121</td>
<td>Typography I</td>
<td>3</td>
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<tr>
<td>DES 122</td>
<td>Typography II</td>
<td>3</td>
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<tr>
<td>DES 123</td>
<td>Typography III</td>
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<td>DES 131</td>
<td>Graphic Design I</td>
<td>3</td>
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<td>DES 132</td>
<td>Graphic Design II</td>
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<td>DES 133</td>
<td>Graphic Design III</td>
<td>3</td>
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<tr>
<td>DES 145</td>
<td>Graphic Production I</td>
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<td>DES 146</td>
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<td>DES 147</td>
<td>Graphic Production III</td>
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<tr>
<td>DES 197</td>
<td>Work Experience – Graphic Design &amp; Illustration</td>
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<tr>
<td>DES 231</td>
<td>Graphic Design IV</td>
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<tr>
<td>DES 232</td>
<td>Graphic Design V</td>
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<td>DES 233</td>
<td>Graphic Design VI</td>
<td>4</td>
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<tr>
<td>DES 234</td>
<td>Graphic Design VII</td>
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<td>DES 235</td>
<td>Graphic Design VIII</td>
<td>4</td>
</tr>
<tr>
<td>DES 241</td>
<td>Illustration I</td>
<td>3</td>
</tr>
<tr>
<td>DES 242</td>
<td>Illustration II</td>
<td>3</td>
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<tr>
<td>DES 243</td>
<td>Illustration III</td>
<td>3</td>
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<tr>
<td>DES 244</td>
<td>Illustration IV</td>
<td>3</td>
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<tr>
<td>DES 245</td>
<td>Illustration V</td>
<td>3</td>
</tr>
<tr>
<td>DES 251</td>
<td>Multimedia I</td>
<td>3</td>
</tr>
<tr>
<td>DES 252</td>
<td>Multimedia II</td>
<td>3</td>
</tr>
<tr>
<td>DES 253</td>
<td>Multimedia III</td>
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<tr>
<td>DES 260</td>
<td>Portfolio Preparation</td>
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RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS 185</td>
<td>Small Business Management</td>
<td></td>
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<tr>
<td>IMC 100</td>
<td>Media Publication</td>
<td></td>
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<tr>
<td>IMC 101</td>
<td>Design for the Visual Arts</td>
<td></td>
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<tr>
<td>IMC 297, 298, 299</td>
<td>Integrated Media Communications</td>
<td>18</td>
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<tr>
<td>MIC 101</td>
<td>Intro to Microcomputer Applications</td>
<td>4</td>
</tr>
<tr>
<td>SOC 120</td>
<td>Sociology of the Media</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

Students may choose from any business, art, humanities, social science, science or math course.

TOTAL CREDITS 108

Associate of Applied Science Degree (A.A.S.)

COMPLETION OF CERTIFICATE REQUIREMENTS

Plus 12 additional credits from business related areas, accounting, business, computers, desktop publishing, or college transfer. Contact the Advising Center.

TOTAL CREDITS 120
Communications & Design Division
(206) 587-3830

Seattle Central's two-year (three- to six-quarter) Graphic Imaging and Printing Technology program prepares students to manipulate the creative concepts of the designer and photographer and output them to film, printing plates, Web pages, or CD-ROM in the modern, high technology printing industry. Courses include hands-on experience with computers, imagesetters, film processors, modern presses, papers, inks, and bindery equipment. Students learn how to estimate costs and plan jobs from start to finish. Students can earn a one or two-year certificate or an Associate of Applied Science (A.A.S.) degree.

One-Year Certificate
TECHNICAL SPECIALTY COURSES
GPT 100 Intro to Digital Prepress I ....................................................... 3
GPT 101 Intro to Prepress ..................................................................... 3
GPT 102 Intro to the Press ................................................................. 3
GPT 103 Intro to Finishing ................................................................. 2
GPT 104 Intro to the Graphic Arts Industry ....................................... 2
GPT 110 Intro to Digital Prepress II .................................................... 4
GPT 111 Multicolor Prepress ............................................................. 4
GPT 112 Multicolor Press ................................................................. 3
GPT 113 Finishing ............................................................................ 2
GPT 120 Digital Prepress w/QuarkXPress ............................................ 4
GPT 121 Prepress Practicum ............................................................. 4
GPT 122 Press Practicum ................................................................. 4
GPT 198 New Developments in the Graphic Arts Industry ............... 2

RELATED INSTRUCTION
BUS 185 Small Business Management .............................................. 5
IMC 100 Media Publication .............................................................. 3
IMC 101 Design for the Visual Arts ................................................ 3
IMC 297, 298, 299 Integrated Media Communications ..................... 18
MIC 101 Intro to Microcomputer Applications .................................. 4
SOC 120 Sociology of the Media ..................................................... 3

TOTAL CREDITS 58

Two-Year Certificate
COMPLETION OF 1-YEAR CERTIFICATE REQUIREMENTS 58
GPT 197 Work Experience: Graphic Imaging & Print Technology ........ 2
GPT 200 Color Theory: Issues & Applications in a Digital World ........ 2
GPT 201 Estimating ........................................................................ 2
GPT 202 Production Management .................................................. 3
GPT 203 Portfolio .......................................................................... 3
GPT 211 Digital Prepress & Imaging I .............................................. 5
GPT 212 Advanced Press ................................................................ 3
GPT 221 Digital Prepress & Imaging II: Color Issues ......................... 4 or 8*
GPT 222 Process Color Press .......................................................... 4 or 8*
GPT 231 Production Prepress .......................................................... 4 or 8**
GPT 232 Production Press ............................................................. 4 or 8**
GPT 261 Electronic Publishing Software Apps. I: Focus on Color ........ 4
GPT 262 Electronic Publishing Software Apps. II: Advanced Topics .... 4
GPT 298 Special Topics .................................................................. 3
HDC 106 Interviewing, Resumes, Job Hunting,
Employer/Employee Interaction ................................................... 1

* Students will take a total of 8 credits in either GPT 221 or 222 or 4 credits in each for a total of 8 credits.
** Students will take a total of 8 credits in either GPT 231 or 232 or 4 credits in each for a total of 8 credits.

TOTAL CREDITS 106

Associate of Applied Science Degree (A.A.S.)
COMPLETION OF 2-YEAR CERTIFICATE REQUIREMENTS 106
Plus 12 additional credits from business-related areas, humanities, sciences, social sciences, math, or other media programs. Contact the Advising Center.

TOTAL CREDITS 118
INFORMATION TECHNOLOGY

Information Technology Services
(206) 903-3205

Seattle Central's Information Technology three- to seven-quarter certificate and Associate of Applied Science degree (A.A.S.) programs prepare students for an industry with a growing need for skilled technicians. After completion of one Information Technology's six programs, graduates can expect to find employment as help desk analysts, programmers, web designers and developers, software support specialists, network designers and administrators, database designers and administrators and IT security specialists.

PREREQUISITES
CIS 102 Information Systems Concepts ........................................ 3
ENG 106 Technical Writing ......................................................... 3
MAT 110 Applied Math for Technicians ........................................... 3
MIC 101 Intro to Computer Applications ......................................... 4
MIC 110 Program Design & Development in Visual Basic ................. 4
MIC 130** Internet and the World Wide Web .................................. 4
WEB 100† Web Career Survey ...................................................... 1
ITC 140†† Introduction to Computer Hardware ................................ 5
* Web Development, Network Design & Administration, and Database Design & Administration only.
** Web Design, Web Development, and Applications Support only.
† Web Design and Web Development only.
†† Networking Design & Administration only.

Programming

Certificate

TECHNICAL SPECIALTY COURSES
CIS 134 Operating Systems ............................................................ 5
CIS 136 UNIX Operating Systems .................................................. 5
CSC 142 Programming ................................................................. 5
CIS 172 Visual Basic I .................................................................. 5
CIS 244 Intro to Object Oriented Programming: C++ ....................... 5
CIS 235 Systems Analysis and Design ............................................ 5
ITC 110 Programming Concepts and Fundamentals ......................... 5
ITC 140 Intro to Computer Hardware ............................................. 5
ITC 216 Programming for the Web ............................................... 5
ITC 220 Database Development for Programmers ......................... 5
ITC 280 Web Database .................................................................. 5
WEB 110 Web Authoring I ........................................................... 4

RELATED INSTRUCTION
BUS 140 Customer Relations .......................................................... 5
MAT 110 Applied Math for Technicians ........................................... 3

TOTAL CREDITS 67

Associate of Applied Science Degree (A.A.S.)

COMPLETION OF CERTIFICATE REQUIREMENTS 67
ENG 101 Composition .................................................................. 5
HUM 105 Intercultural Communications ........................................ 5
MAT 107 Math, A Practical Art ....................................................... 5
MAT 116 Applications of Mathematics to Management, Life and the Social Sciences .................................................. 5
MIC 208 Advanced Applications Project ......................................... 5
IT Electives .............................................................................. 1-5

TOTAL CREDITS 95-97

Database Administration and Development

Certificate

TECHNICAL SPECIALTY COURSES
CIS 134 Operating Systems ............................................................ 5
CIS 136 UNIX Operating Systems .................................................. 5
CIS 172 Visual Basic I .................................................................. 5
CIS 235 Systems Analysis & Design ............................................ 5
ITC 140 Intro to Computer Hardware ............................................. 5
ITC 280 Web Database .................................................................. 5
ITC 110 Programming Concepts and Fundamentals ......................... 5
ITC 220 Access Database Development ........................................ 5
ITC 222 SQL ............................................................................. 5
ITC 224 Database Programming .................................................. 5
ITC 226 Database Administration .................................................. 5
WEB 110 Web Authoring I ........................................................... 4

RELATED INSTRUCTION
BUS 140 Customer Relations .......................................................... 5

TOTAL CREDITS 64

Applications Support

Certificate

TECHNICAL SPECIALTY COURSES
ITC 160 PowerPoint Presentations .................................................. 4
ITC 161 Supporting Microsoft Word .............................................. 4
MIC 110 Program Design and Development in Visual Basic ........... 4
MIC 120 Database, Applications & Design with MS Access ............. 4
MIC 122 Financial Modeling Using Microcomputers ....................... 4
ITC 140 Intro to Computer Hardware ............................................. 5
MIC 197 Work Experience: Microcomputer Management ............... 4
WEB 110 Web Authoring I ........................................................... 4
CIS 134 Operating Systems ............................................................ 5

RELATED INSTRUCTION
ACC 210 Financial Accounting Fundamentals I ............................ 5
BUS 140 Customer Relations .......................................................... 5
MAT 110 Applied Math for Technicians ........................................... 3

TOTAL CREDITS 51
### Associate of Applied Science Degree (A.A.S.)

**COMPLETION OF CERTIFICATE REQUIREMENTS** 51

- ENG 101 Composition ................................................................. 5
- HUM 105 Intercultural Communications ...................................... 5
- MAT 116 Applications of Mathematics to Management, Life and the Social Sciences ......................................................... 5
- OR -
- MAT 107 Math, A Practical Art ...................................................... 5
- MIC 298 Advanced Applications Project ........................................ 5
- IT Electives .............................................................................. 14
- Electives .................................................................................. 5

**TOTAL CREDITS** 90

### Network Design and Administration Certificate

**TECHNICAL SPECIALTY COURSES**

- CIS 136 UNIX Operating System .................................................. 5
- CIS 197 Work Experience ............................................................. 3
- ITC 110 Programming Concepts and Fundamentals ...................... 5
- ITC 220 Database Development for Programmers ....................... 5
- NET 122 Network OS 1 – Win2K Professional .............................. 5
- NET 124 Network OS 2 – Win2K Server ......................................... 5
- NET 126 Network OS 3 – Win2K Network Infrastructure ................ 5
- NET 134 Network Communications – TCP/IP ............................... 5
- NET 138 Unix for Network Administration .................................... 5
- NET 142 Network Management Cisco I ........................................ 5
- NET 144 Network Management Cisco II ...................................... 5
- NET 146 Network Management Cisco III ..................................... 5
- NET 298 Special Projects for LAN ................................................ 5
- Electives .................................................................................. 3

**RELATED INSTRUCTION**

- BUS 140 Customer Relations ...................................................... 5

**TOTAL CREDITS** 71

### Associated of Applied Science Degree (A.A.S.)

**COMPLETION OF CERTIFICATE REQUIREMENTS** 71

- ENG 101 Composition ................................................................. 5
- HUM 105 Intercultural Communications ...................................... 5
- MAT 107 Math, A Practical Art ...................................................... 5
- OR -
- MAT 116 Applications of Mathematics to Management, Life and the Social Sciences ......................................................... 5
- Electives .................................................................................. 5

**TOTAL CREDITS** 91

### Web Design Certificate

**TECHNICAL SPECIALTY COURSES**

- CIS 197 Work Experience ............................................................. 3
- CIS 211 HTML and JavaScript for Web Site Design ..................... 5
- DES 121 Typography I ................................................................. 3
- DES 122 Typography II ............................................................... 3
- DES 131 Graphic Design I ............................................................ 3
- DES 147 Graphic Production III ................................................... 3
- DES 251 Multimedia I ................................................................. 3
- DES 252 Multimedia II ............................................................... 3
- ITC 200 User Interface Design ...................................................... 5
- MIC 110 Program Design & Development in Visual Basic .......... 4
- OR -
- ITC 140 Intro to Hardware .......................................................... 5
- OR -
- NET 120 Network Essentials Comp TIA Network + ..................... 5
- MIC 120 Database Applications & Design with MS Access .......... 4
- WEB 110 Web Authoring I ........................................................... 4
- WEB 120 Web Authoring II .......................................................... 4
- WEB 200 Theory of Web Design ................................................... 1

**RELATED INSTRUCTION**

- BUS 140 Customer Relations ...................................................... 3
- PHI 120 Intro to Logic ................................................................. 5
- SMG 210 Project Management ..................................................... 3

**TOTAL CREDITS** 61-62

### Associate of Applied Science Degree (A.A.S.)

**COMPLETION OF CERTIFICATE REQUIREMENTS** 61-62

- BUS 240 Internet Law ................................................................. 5
- ENG 101 Composition ................................................................. 5
- HUM 105 Intercultural Communications ...................................... 5
- MAT 107 Math, A Practical Art ...................................................... 5
- OR -
- MAT 116 Applications of Mathematics to Management, Life and the Social Sciences ......................................................... 5
- MIC 298 Advanced Applications Project (Web Emphasis) .......... 5
- Electives .................................................................................. 5

**TOTAL CREDITS** 91-92
Web Development
Certificate

TECHNICAL SPECIALTY COURSES
- CIS 112 Intro to Web Development .............................................. 2
- CIS 134 Operating Systems ............................................................. 5
- CIS 136 UNIX Operating System ................................................... 5
- CSC 145 Programming ................................................................. 5
- CIS 244 Intro to Object-Oriented Programming: C++ .................. 5
- CIS 280 Web Servers/DBs ............................................................... 5
- CSC 143 Computer Programming II .............................................. 5
- ITC 110 Programming Concepts & Fundamentals ......................... 5
- ITC 140 Introduction to Computer Hardware ............................... 5
- ITC 216 Programming for the Web ............................................... 5
- ITC 220 Database Development for Programmers ....................... 5
- NET 120 Network Essentials Comp TIA Network* ....................... 5
- WEB 110 Web Authoring I ............................................................. 4
- WEB 120 Web Authoring II ........................................................... 4

RELATED INSTRUCTION
- PHI 120 Intro to Logic ................................................................. 5

TOTAL CREDITS 70

Associate of Applied Science Degree (A.A.S.)

COMPLETION OF CERTIFICATE REQUIREMENTS 70
- ENG 101 Composition ...................................................................... 5
- HUM 105 Intercultural Communications .................................... 5
- MAT 107 Math, A Practical Art ....................................................... 5
- OR -
- MAT 116 Applications of Mathematics to Management, Life and the Social Sciences ........................................... 5
- MIC 298 Advanced Applications Project (Web Emphasis) ........... 5

TOTAL CREDITS 95

INTERPRETER TRAINING PROGRAM

Allied Health, Business, Languages & Cultures Division

V/TTY(206) 344-4347

Also see Deaf Interpreter Training, page 127.

Seattle Central’s Interpreter Training program is one of the few two-year (six-quarter) Associate of Applied Science (A.A.S.) degree programs in interpreting in Washington. The program prepares graduates to facilitate communication between deaf and hearing people using American Sign Language and English. It has a national reputation for its training program and for producing graduates with marketable skills.

A professional interpreter may work in a variety of settings such as education, social service, religion, government, business, performing arts, professional conferences, job training programs, scientific/technical areas, health fields, law, and law enforcement. Interpreters may specialize in one area or freelance, depending on their personal skills and preferences.

The program includes skill-building classes, seminars, and applied interpreting experiences. Approximately 40 students per year are accepted in this sequential program that begins each fall quarter. Applicants are advised to submit applications before the end of spring quarter for consideration. Students must complete ASL 101-203 or show commensurate ability before being accepted into the Interpreter Training Program. Eligibility for all certificates and degrees requires a cumulative GPA of 2.0 or above in all coursework. Contact the division office for program revisions and the program counselor for application procedures and schedule information.

Associate of Applied Science Degree (A.A.S.)

TECHNICAL SPECIALTY COURSES
- ITP 115 Survey of Interpreting ...................................................... 3
- ITP 119 Deaf-Blind Interpreting .................................................... 3
- ITP 145 Ethics of Interpreting ......................................................... 3
- ITP 160 ASL to English, Interpretation I ....................................... 4
- ITP 161 English to ASL, Interpretation I ....................................... 4
- ITP 162 ASL to English, Interpretation II ...................................... 4
- ITP 163 English to ASL, Interpretation II ..................................... 4
- ITP 164 ASL to English, Interpretation III .................................... 4
- ITP 165 English to ASL, Interpretation III ................................... 4
- ITP 216 Interpreting Specialized Settings .................................... 3
- ITP 217 Professional Entry Preparation ...................................... 3
- ITP 245** Applied Interpreting Experience I ................................. 4
- ITP 250** Applied Interpreting Experience II ............................... 4
- ITP 255** Applied Interpreting Experience III ............................. 4
- ITP 260* Interpreting IV ............................................................... 4
- ITP 261* Interpreting V ................................................................. 4
- ITP 262* Transliteration ............................................................... 4

* Satisfactory performance (2.5 GPA) required in the previous interpreting class in order to continue in the program.

** Satisfactory performance (2.5 GPA) required in the previous Applied Interpreting Experience class in order to continue in the program.
MARINE TECHNOLOGY

Seattle Maritime Academy
http://www.seattlecentral.org/maritime
(206) 782-2647

The Seattle Maritime Academy (SMA) offers training directed towards the workboat industry, commercial fishing and the Merchant Marine. SMA offers technical vocational training and professional certification preparation. Students may either enroll in the formal certificate programs or pursue maritime training on a part-time basis.

The Marine Engineering Technology program combines practical shipboard experience and required courses in engineering with additional courses in computation, communication and human relations. Emphasis is placed on the theory, design, operation and maintenance of marine propulsion plants and associated equipment. The sea component requires the student to go to sea once a week during the second and third quarters aboard the college's training vessels. The academic program is followed by a 60 day at-sea internship on a large commercial vessel.

SMA offers the Marine Engineering Technology curriculum as a 73-77 credit program. Students successfully completing this rigorous program will be awarded a certificate in Marine Engineering Technology from Seattle Central Community College. In addition, they will be eligible for a U.S. Merchant Mariners document endorsed with any and all of the following engine room (QMED) ratings: Electrician; Oiler; Pumpman; Refrigeration Engineer; and/or Junior Engineer. If the student's at-sea internship was on a vessel with steam propulsion, he/she will also be eligible for a “fireman/watertender” QMED rating. Furthermore, graduates receive eight months of sea service credit towards a license as Designated Duty Engineer of Steam or Motor Vessels of Not More Than 1,000 Horsepower. This sea service credit is 2/3 of the total required sea service for this license. The Marine Engineering Technology certificate program also qualifies each graduate for an STCW “ratings forming part of an engineering watch” endorsement. Students who elect to take the Survival Craft Course also satisfy the requirements for a Lifeboatman endorsement.

The Marine Deck Technology program combines practical shipboard experience and requisite courses in nautical science with additional courses in computation, communication and human relations. Emphasis is placed on the theory, design, operation and maintenance of deck equipment and applied navigation skills. The sea component requires the student to go to sea once a week during the second and third quarters aboard the college's training vessels. The academic program is followed by a 30 day at-sea internship on a large commercial vessel.

SMA offers the Marine Deck Technology curriculum as a 61-64 credit program. Students successfully completing this rigorous program will be awarded a certificate in Marine Deck Technology from Seattle Central Community College. Each graduate who successfully completes the program receives eight months of sea service credit towards a license as Master of Inland Steam or Motor Vessels of Not More Than 100 Gross Tons, or eight months of sea service credit towards a license as Mate of Near Coastal Steam or Motor Vessels of Not More Than 200 Gross Tons. This sea service credit is 2/3 of the total required sea service for the license. By completing this program, the student also receives eight months of sea service credit towards an Able Seaman-Special endorsement or one-third of the required sea service credit for any other Able Seaman endorsement. Combining the eight months of sea service from the academic program with the two months of actual sea service on SMA's training vessels and the internship
Marine Engineering Technology Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGO 101</td>
<td>Principles of Marine Mechanics</td>
<td>2</td>
</tr>
<tr>
<td>MGO 103*</td>
<td>Survival Craft</td>
<td>3</td>
</tr>
<tr>
<td>MGO 111</td>
<td>Seamanship</td>
<td>3</td>
</tr>
<tr>
<td>MGO 113</td>
<td>Marine Safety</td>
<td>3</td>
</tr>
<tr>
<td>MGO 127</td>
<td>Fundamentals of Marine Electricity</td>
<td>4</td>
</tr>
<tr>
<td>MGO 147</td>
<td>Marine Engineering Practicum</td>
<td>6</td>
</tr>
<tr>
<td>MGO 177</td>
<td>Adv. Engineering Practicum</td>
<td>6</td>
</tr>
<tr>
<td>MGO 200</td>
<td>At-Sea Internship</td>
<td>4-5</td>
</tr>
<tr>
<td>MTS 212</td>
<td>Auxiliary Machinery &amp; Ship Design</td>
<td>4</td>
</tr>
<tr>
<td>MTS 217</td>
<td>Marine Diesel Engine Maintenance &amp; Operation</td>
<td>4</td>
</tr>
<tr>
<td>MTS 221</td>
<td>Applied Marine Electricity</td>
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<tr>
<td>MTS 228</td>
<td>Marine Hydraulics</td>
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<tr>
<td>MTS 233</td>
<td>Marine Refrigeration</td>
<td>5</td>
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<tr>
<td>MTS 257</td>
<td>Advanced Marine Diesel Engines</td>
<td>4</td>
</tr>
<tr>
<td>MTS 263</td>
<td>Propulsion Systems</td>
<td>3</td>
</tr>
<tr>
<td>MTS 284</td>
<td>Shipboard Pollution Prevention</td>
<td>2</td>
</tr>
<tr>
<td>MTS 285</td>
<td>Marine Boilers</td>
<td>3</td>
</tr>
<tr>
<td>MTS 294</td>
<td>License Seminar</td>
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*Optional Course

RELATED INSTRUCTION

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENG 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>MGO 105</td>
<td>Leadership &amp; Management</td>
<td>3</td>
</tr>
<tr>
<td>MGO 119</td>
<td>Marine Mathematics</td>
<td>3</td>
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</tbody>
</table>

TOTAL CREDITS: 73-77

Marine Deck Technology Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGO 101</td>
<td>Principles of Marine Mechanics</td>
<td>2</td>
</tr>
<tr>
<td>MGO 103</td>
<td>Survival Craft</td>
<td>3</td>
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<tr>
<td>MGO 111</td>
<td>Seamanship</td>
<td>3</td>
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<tr>
<td>MGO 112</td>
<td>Marlinspike</td>
<td>2</td>
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<tr>
<td>MGO 113</td>
<td>Marine Safety</td>
<td>3</td>
</tr>
<tr>
<td>MGO 120</td>
<td>Vessel Maintenance</td>
<td>2</td>
</tr>
<tr>
<td>MGO 123</td>
<td>Basic Piloting &amp; Navigation</td>
<td>3</td>
</tr>
<tr>
<td>MGO 124</td>
<td>Basic Vessel Handling</td>
<td>2</td>
</tr>
<tr>
<td>MGO 133</td>
<td>Seamanship Practicum</td>
<td>6</td>
</tr>
<tr>
<td>MGO 137</td>
<td>Electronic Navigation</td>
<td>2</td>
</tr>
<tr>
<td>MGO 140</td>
<td>Nautical Rules of the Road</td>
<td>3</td>
</tr>
<tr>
<td>MGO 166</td>
<td>Navigation Practicum</td>
<td>6</td>
</tr>
<tr>
<td>MGO 200</td>
<td>At-Sea Internship</td>
<td>4-5</td>
</tr>
<tr>
<td>MTS 201</td>
<td>Naval Architecture</td>
<td>2</td>
</tr>
<tr>
<td>MTS 202</td>
<td>Stability</td>
<td>2</td>
</tr>
<tr>
<td>MTS 210</td>
<td>Marine Meteorology</td>
<td>2</td>
</tr>
<tr>
<td>MTS 223</td>
<td>Advanced Piloting &amp; Navigation</td>
<td>3</td>
</tr>
<tr>
<td>MTS 284</td>
<td>Shipboard Pollution Prevention</td>
<td>2</td>
</tr>
<tr>
<td>MTS 294*</td>
<td>License Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

*Optional Course

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGO 107</td>
<td>Navigation Practicum</td>
<td>6</td>
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<tr>
<td>MGO 108</td>
<td>Electronic Navigation</td>
<td>2</td>
</tr>
<tr>
<td>MTS 221</td>
<td>Marine Meteorology</td>
<td>2</td>
</tr>
<tr>
<td>MTS 223</td>
<td>Advanced Piloting &amp; Navigation</td>
<td>3</td>
</tr>
<tr>
<td>MTS 284</td>
<td>Shipboard Pollution Prevention</td>
<td>2</td>
</tr>
<tr>
<td>MTS 294*</td>
<td>License Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

TOTAL CREDITS: 61-64

COMMUNITY SERVICE/INDUSTRY SUPPORT COURSES:

- Basic Electricity for Small Boats & Recreational Boaters
- Basic Seamanship & Deck Skills
- Celestial Navigation
- Coastal Navigation
- Electronic Navigation
- Marine Law
- Marine Safety & Survival
- Net Hanging & Repair for Trawlers
- Rigging
- Vessel Handling
- Diesel Engine Maintenance & Operation

CERTIFICATION PREPARATORY COURSES:

- Lifeboatman
- Master 100 Ton
- Master 200/500/1600 Ton
- Mate 200/500/1600 Ton
- Refrigeration Technician (any & all types)
- Stability for Fishing Vessels
- Standard First Aid & CPR
**NURSING DEGREE**

**Allied Health, Business, Languages & Cultures Division**

(206) 587-4161

The associate degree nursing program prepares men and women to become Registered Nurses. It is approved by the Washington State Board of Nursing and accredited by the National League for Nursing. The program includes general education courses, nursing theory, lab and clinical practice.

New students are accepted into the six-quarter program each fall. Graduates are awarded an Associate of Applied Science (A.A.S.) degree and are eligible to take the State Board examination to obtain a license as a Registered Nurse. As part of the state licensing requirement, seven hours of HIV/AIDS education instruction is included in curriculum content.

Students are accepted into the program on a first-come, first-served basis, after completion of the five prerequisite, non-nursing courses. Any required non-nursing course may be completed before entering the nursing program. For more information contact the division office.

**PREREQUISITES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ANP 213*</td>
<td>Anatomy &amp; Physiology I</td>
<td>5</td>
</tr>
<tr>
<td>BIO 280</td>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>CHE 101</td>
<td>Chemistry</td>
<td>5 <em>(or one year of high school chemistry in the last five years)</em></td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>5</td>
</tr>
</tbody>
</table>

* ANP 213 and ANP 214 MUST be taken within 3 years prior to entrance to the program.

**ADVANCED PLACEMENT**

Students who have taken nursing education courses within the past three years and who meet the prerequisite and grade requirements stated above may be considered for advanced placement. After evaluation of transcripts, advanced placement students will be accepted on a first-come, first-served, space-available basis.

Washington State Licensed Practical Nurses who have satisfied the prerequisites and first-year support courses may enter the second year of the nursing program after successful completion of the one-quarter transition courses, NUR 106, 120, 140, and 162.

**Associate of Applied Science Degree (A.A.S.)**

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 100</td>
<td>Pharmacology for Nurses I</td>
<td>1</td>
</tr>
<tr>
<td>NUR 101</td>
<td>Nursing I: Fundamentals of Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NUR 102</td>
<td>Nursing IIA: Medical/Surgical Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NUR 103</td>
<td>Nursing III: Medical/Surgical Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 110</td>
<td>Trends &amp; Issues I</td>
<td>1</td>
</tr>
<tr>
<td>NUR 111</td>
<td>Nursing Practice I</td>
<td>3</td>
</tr>
<tr>
<td>NUR 112</td>
<td>Nursing Practice II</td>
<td>3</td>
</tr>
<tr>
<td>NUR 113</td>
<td>Nursing Practice III</td>
<td>4</td>
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<tr>
<td>NUR 114</td>
<td>Nursing Practice IV</td>
<td>3</td>
</tr>
<tr>
<td>NUR 115</td>
<td>Nursing Practice V</td>
<td>3</td>
</tr>
<tr>
<td>NUR 116</td>
<td>Nursing Practice VI</td>
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<tr>
<td>NUR 117</td>
<td>Nursing Practice VII</td>
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</tr>
<tr>
<td>NUR 118</td>
<td>Nursing Practice VIII</td>
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**OPTIONAL**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AHE 130</td>
<td>HIV/AIDS Education</td>
<td>1</td>
</tr>
<tr>
<td>Computer Course</td>
<td></td>
<td>3</td>
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</tbody>
</table>

**TOTAL CREDITS (BASIC RN)** 108

**LPN/RN TRANSITION COURSES**

The following courses are not a part of the Nursing program. However, a Licensed Practical Nurse must complete them, along with other related instruction courses, with a 2.0 or better in order to be eligible for the second year of the nursing program. Call the division office for more information.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 106</td>
<td>LPN/RN Transition</td>
<td>4</td>
</tr>
<tr>
<td>NUR 120</td>
<td>LPN/RN Transition: Assessments &amp; Interventions</td>
<td>1</td>
</tr>
<tr>
<td>NUR 140</td>
<td>Pharmacology for LPN/RN Transition</td>
<td>2</td>
</tr>
<tr>
<td>NUR 162</td>
<td>Pathophysiology for LPN/RN Transition</td>
<td>2</td>
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</tbody>
</table>
**OPHTHALMIC TECHNICIAN**

Allied Health, Business, Languages & Cultures Division
(206) 587-4161

NOTE: This program is presently being revised. Students should contact the division counselor regarding course availability.

This three-quarter evening program prepares students for careers as ophthalmic technicians. It includes an integrated curriculum approach of classroom instruction, laboratory practice and field-based clinical experience. Students will acquire competencies in the area of ocular science, clinical procedures, instrumentation, basic optical concepts and devices, refraction and technical proficiency in the use of ocular instruments. Field placement for clinical experience under the supervision of a college instructor is provided in Seattle-area eye clinics and offices.

**Certificate**

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPH115</td>
<td>Ocular Science</td>
<td>3</td>
</tr>
<tr>
<td>OPH116</td>
<td>Clinic &amp; Office Procedure</td>
<td>4</td>
</tr>
<tr>
<td>OPH120</td>
<td>Ocular Instrumentation</td>
<td>4</td>
</tr>
<tr>
<td>OPH122</td>
<td>Optical Concepts &amp; Devices</td>
<td>2</td>
</tr>
<tr>
<td>OPH130</td>
<td>Refractometry</td>
<td>6</td>
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<tr>
<td>OPH197</td>
<td>Work Experience: Ophthalmic Technician</td>
<td>4</td>
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</table>

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANP128</td>
<td>Survey of Anatomy &amp; Physiology</td>
<td>5</td>
</tr>
<tr>
<td>ENG101</td>
<td>Composition</td>
<td>5</td>
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</tbody>
</table>

**TOTAL CREDITS**

33

**SCHOOL OF OPTICIANRY**

School of Opticianry
(206) 344-4321

Allied Health, Business, Languages & Cultures Division
(206) 587-4161

This two-year program provides an Associate of Applied Science (A.A.S.) degree in dispensing opticianry and is nationally accredited by the Commission on Opticianry Accreditation (COA). According to the Washington State Administrative Code and licensing guidelines: “The ophthalmic dispenser (dispensing optician) prepares duplications of and dispenses lenses, spectacles, eyeglasses, and/or appurtenances for intended wearers on written prescriptions from physicians or optometrists; and in accordance with such prescriptions, the dispenser measures, adapts, adjusts and fabricates such lenses, spectacles, eyeglasses and/or appurtenances to the human face for the aid or correction of visual or ocular anomalies of the human eye.” Other responsibilities may include business/administrative functions including record maintenance; purchasing/maintenance of supplies and equipment; physiognomy measurements; and preparation of job orders. Graduates must pass a state licensing exam to practice in this field. Requirements for licensure include four hours of HIV/AIDS education certification.

NOTE: Prerequisites — Eligibility for ENG 101 and MAT 084.

**Associate of Applied Science Degree (A.A.S.)**

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>OPH100</td>
<td>Orientation to Ophthalmic Dispensing</td>
<td>2</td>
</tr>
<tr>
<td>OPH101</td>
<td>Optical Theory I</td>
<td>5</td>
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<tr>
<td>OPH102</td>
<td>Optical Theory II</td>
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<tr>
<td>OPH103</td>
<td>Optical Theory III</td>
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<tr>
<td>OPH105</td>
<td>Ocular Anatomy &amp; Physiology</td>
<td>3</td>
</tr>
<tr>
<td>OPH106</td>
<td>Contact Lens Technology I</td>
<td>5</td>
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<tr>
<td>OPH107</td>
<td>Ophthalmic Dispensing I</td>
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<tr>
<td>OPH108</td>
<td>Ophthalmic Dispensing II</td>
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<td>OPH110</td>
<td>Optical Lab Technology I</td>
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<td>OPH111</td>
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<td>OPH112</td>
<td>Optical Lab Technology III</td>
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<td>OPH113</td>
<td>Finishing I</td>
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<tr>
<td>OPH117</td>
<td>Work Experience: Opticianry</td>
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<tr>
<td>OPH118</td>
<td>Work Experience: Opticianry</td>
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<td>OPH119</td>
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<tr>
<td>OPH203</td>
<td>Contact Lens Technology II</td>
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<td>OPH204</td>
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<td>OPH205</td>
<td>Contact Lens Technology IV</td>
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<td>OPH211</td>
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<td>OPH212</td>
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<td>OPH215</td>
<td>Benchwork Procedures</td>
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<td>OPH295</td>
<td>Ophthalmic Dispensing Business I</td>
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<td>OPH296</td>
<td>Ophthalmic Dispensing Business II</td>
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<td>OPH299</td>
<td>Comprehensive</td>
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**RELATED INSTRUCTION**

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<th>Course Title</th>
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<tbody>
<tr>
<td>AHE 165</td>
<td>Medical Terminology I</td>
<td>3</td>
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<tr>
<td>CMN 105</td>
<td>Perspectives on Communication (Formerly CMN/SPE 100)</td>
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<tr>
<td>BUS 101</td>
<td>Intro to Business</td>
<td>5</td>
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<tr>
<td>- OR -</td>
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<tr>
<td>BUS 185</td>
<td>Small Business Management</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 103</td>
<td>Personnel Management</td>
<td>3</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 206</td>
<td>Developmental Psychology</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>MAT 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>MIC 101</td>
<td>Intro to Microcomputer Applications</td>
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</tr>
<tr>
<td>TOTAL CREDITS</td>
<td></td>
<td><strong>123-127</strong></td>
</tr>
</tbody>
</table>

**NOTE:** Eligibility for graduation requires a minimum 2.0 GPA in all required technical specialty and related instruction courses.

---

**PHOTOGRAPHY, COMMERCIAL**

Communications & Design Division  
(206) 587-3830

The Commercial Photography program provides comprehensive training for students who wish to enter the commercial photography industry. The two-year program, leading to an Associate of Applied Science (A.A.S.) degree, provides training in black/white and color photography, technical lab work, processing and printing, large format camera techniques, contemporary lighting techniques, studio illustration, and digital photography. Course material covers architectural and industrial photography, editorial and corporate illustration, portraiture and business management. The program emphasizes the latest techniques and use of technology and designs in the field.

*Note: The Commercial Photography program curriculum is under revision. Contact the division office for current information.*

**Associate of Applied Science Degree (A.A.S.)**

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHO 111</td>
<td>Basic Camera Techniques</td>
<td>3</td>
</tr>
<tr>
<td>PHO 112</td>
<td>Advanced Camera Techniques</td>
<td>3</td>
</tr>
<tr>
<td>PHO 121</td>
<td>Basic Science &amp; Photo Lab Procedures I</td>
<td>4</td>
</tr>
<tr>
<td>PHO 122</td>
<td>Photo Lab Procedures</td>
<td>3</td>
</tr>
<tr>
<td>PHO 125</td>
<td>Photo Lab Workshop I</td>
<td>1</td>
</tr>
<tr>
<td>PHO 126</td>
<td>Photo Lab Workshop II</td>
<td>3</td>
</tr>
<tr>
<td>PHO 131</td>
<td>Basic Photo Lighting</td>
<td>4</td>
</tr>
<tr>
<td>PHO 132</td>
<td>Advanced Photo Lighting</td>
<td>3</td>
</tr>
<tr>
<td>PHO 210</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>PHO 211</td>
<td>Basic Commercial Photography</td>
<td>4</td>
</tr>
<tr>
<td>PHO 213</td>
<td>Photo Illustration II</td>
<td>4</td>
</tr>
<tr>
<td>PHO 214</td>
<td>Advanced Photo Illustration II</td>
<td>3</td>
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<tr>
<td>PHO 215</td>
<td>Editorial Photography</td>
<td>3</td>
</tr>
<tr>
<td>PHO 221</td>
<td>Advanced Photography Techniques</td>
<td>3</td>
</tr>
<tr>
<td>PHO 225</td>
<td>Photo Lab Workshop III</td>
<td>3</td>
</tr>
<tr>
<td>PHO 226</td>
<td>Photo Lab Workshop IV</td>
<td>3</td>
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<tr>
<td>PHO 231</td>
<td>Basic Color Photography</td>
<td>3</td>
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<tr>
<td>PHO 232</td>
<td>Color Photography II</td>
<td>3</td>
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<tr>
<td>PHO 233</td>
<td>Advanced Color Photography I</td>
<td>3</td>
</tr>
<tr>
<td>PHO 234</td>
<td>Advanced Color Photography II</td>
<td>3</td>
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<tr>
<td>PHO 243</td>
<td>Studio Management</td>
<td>3</td>
</tr>
<tr>
<td>PHO 244</td>
<td>Portraiture II</td>
<td>3</td>
</tr>
<tr>
<td>PHO 245</td>
<td>Portraiture III</td>
<td>3</td>
</tr>
<tr>
<td>PHO 281</td>
<td>Portfolio Preparation</td>
<td>4</td>
</tr>
<tr>
<td>PHO 291</td>
<td>Individual Projects</td>
<td>4</td>
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</tbody>
</table>
RELATED INSTRUCTION
IMC 297, 298, 299* Integrated Media Communications ......................... 18
BUS 185 Small Business Management .................................................... 5
IMC 100 Media Publication ................................................................. 3
IMC 101 Design for the Visual Arts ....................................................... 3
MIC 101 Intro to Microcomputer Applications ....................................... 4
SOC 120 Sociology of the Media .......................................................... 3
Electives .................................................................................................. 12

* IMC 297-299 includes BUS 185, IMC 100, IMC 101, MIC 101 and SOC 120.

TOTAL CREDITS 112

PROFESSIONAL EDUCATION DEVELOPMENT

Continuing Education Division
(206) 587-6934

Teachers, paraprofessionals and individuals planning to enter the teaching profession can enroll in education courses and summer institutes offered by Seattle Central's Professional Education Development Program. The courses and institutes are designed to improve and expand teaching skills as well as to enable professionals to earn special endorsements on their teaching certificates. A maximum of 15 credits can be transferred to the University of Washington as electives and applied toward A.A. degree requirements.

Teaching certificate endorsement programs are offered on a distance learning basis augmented by summer institutes, allowing a flexible and convenient approach for completion.

EDUCATION COURSES
EDU 271 ESL Reading & Language Arts .................................................. 5
EDU 272 Integrating ESL in the Mainstream Classroom ............................ 5
LAN 101 Intro to Linguistics ................................................................. 5

SUMMER INSTITUTE
EDU 298 ESL Methods for Diverse Language Students .............................. 9
Respiratory Care

Allied Health, Business, Languages & Cultures Division
(206) 587-4161

Respiratory Care is an allied health specialty in the treatment and management of patients with cardiopulmonary disorders. The seven-quarter program includes the study of the therapeutic use of medical gases, medications, aerosols, lung drainage, ventilatory support, cardiopulmonary resuscitation, airway management, respiratory disease management and diagnostic testing. Under the direction of the physician, the respiratory care practitioner works with other health professionals to deliver effective health care.

The program offers an Associate of Applied Science (A.A.S.) degree and is fully accredited by the Committee on Accreditation for Respiratory Care. Because the A.A.S. degree may not transfer, students transferring to a four-year institution should take college transfer English and science courses. Graduates are eligible for licensure as Respiratory Care Practitioners in Washington state, and are also eligible and prepared for the National Board Registered Therapist credentialing exams. Washington state licensure requires seven hours of HIV/AIDS education which is included in the curriculum content. New classes begin fall quarter only.

For advanced placement consideration, contact the division office for specific requirements.

NOTE: Prerequisite — Eligibility for ENG 101 and MAT 084.

Associate of Applied Science Degree (A.A.S.)

Technical Specialty Courses

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<tr>
<th>Course</th>
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<th>Credits</th>
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<tr>
<td>RCP 101</td>
<td>Respiratory Care Orientation</td>
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<tr>
<td>RCP 110</td>
<td>Intro to Respiratory Care</td>
<td>2</td>
</tr>
<tr>
<td>RCP 112</td>
<td>Applied Microbiology &amp; Chemistry</td>
<td>2</td>
</tr>
<tr>
<td>RCP 114</td>
<td>Respiratory Care Fundamentals I</td>
<td>4</td>
</tr>
<tr>
<td>RCP 115</td>
<td>Pharmacology for Respiratory Care I</td>
<td>1</td>
</tr>
<tr>
<td>RCP 120</td>
<td>Clinical Practice I</td>
<td>4</td>
</tr>
<tr>
<td>RCP 123</td>
<td>Pathophysiology for Respiratory Care I</td>
<td>1</td>
</tr>
<tr>
<td>RCP 124</td>
<td>Respiratory Care Fundamentals II</td>
<td>5</td>
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<tr>
<td>RCP 125</td>
<td>Pharmacology for Respiratory Care II</td>
<td>1</td>
</tr>
<tr>
<td>RCP 130</td>
<td>Clinical Practice II</td>
<td>5</td>
</tr>
<tr>
<td>RCP 133</td>
<td>Pathophysiology for Respiratory Care II</td>
<td>1</td>
</tr>
<tr>
<td>RCP 134</td>
<td>Respiratory Care Fundamentals III</td>
<td>5</td>
</tr>
<tr>
<td>RCP 135</td>
<td>Pharmacology for Respiratory Care III</td>
<td>1</td>
</tr>
<tr>
<td>RCP 137</td>
<td>Cardiopulmonary Anatomy &amp; Physiology</td>
<td>4</td>
</tr>
<tr>
<td>RCP 240</td>
<td>Clinical Practice III</td>
<td>4</td>
</tr>
<tr>
<td>RCP 241</td>
<td>Respiratory Care of Critically Ill Adults</td>
<td>2</td>
</tr>
<tr>
<td>RCP 243</td>
<td>Pathophysiology for Respiratory Care III</td>
<td>1</td>
</tr>
<tr>
<td>RCP 244</td>
<td>Respiratory Care Fundamentals IV</td>
<td>3</td>
</tr>
<tr>
<td>RCP 245</td>
<td>Pharmacology for Respiratory Care IV</td>
<td>1</td>
</tr>
<tr>
<td>RCP 250</td>
<td>Clinical Practice IV</td>
<td>6</td>
</tr>
<tr>
<td>RCP 251</td>
<td>Respiratory Care of Infants &amp; Children</td>
<td>3</td>
</tr>
<tr>
<td>RCP 253</td>
<td>Pathophysiology for Respiratory Care IV</td>
<td>1</td>
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<td>RCP 254</td>
<td>Respiratory Care Fundamentals V</td>
<td>3</td>
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<tr>
<td>RCP 260</td>
<td>Clinical Practice V</td>
<td>6</td>
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<tr>
<td>RCP 264</td>
<td>Respiratory Care Fundamentals VI</td>
<td>3</td>
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<tr>
<td>RCP 270</td>
<td>Clinical Practice VI</td>
<td>6</td>
</tr>
<tr>
<td>RCP 272</td>
<td>Comprehensive Review of Respiratory Care</td>
<td>4</td>
</tr>
<tr>
<td>RCP 274</td>
<td>Pulmonary Rehabilitation &amp; Home Care</td>
<td>2</td>
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<tr>
<td>RCP 276</td>
<td>Advanced Patient Assessment</td>
<td>3</td>
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</table>

Related Instruction

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>AHE 150</td>
<td>HIV/AIDS Education</td>
<td>1</td>
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<tr>
<td>ANP 128</td>
<td>Survey of Human Anatomy &amp; Physiology</td>
<td>5</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 206</td>
<td>Developmental Psychology</td>
<td>5</td>
</tr>
</tbody>
</table>

Elective

Select five credits from the Social Sciences/Humanities.

Total Credits 111

NOTE: Eligibility for graduation requires a minimum 2.0 GPA in all technical specialty and related instruction courses.
SERVICE LEARNING

Cooperative Education & Career Placement Division
(206) 587-5422

Service-Learning is an educational program that combines community involvement with academic instruction and is linked to specific classes as either a requirement or an option. Course assignments and final grades are determined by the faculty of the linked course. The program works to link Service-Learning options to specific classes as either a requirement or an option. Service Learning is specifically integrated into certain courses and programs. Faculty determine course requirements and hours. Advantages of Service Learning include the opportunity to enhance understanding of course content, build experience for a résumé, explore career options, and earn college credit. Please contact the Service-Learning department for more information.

SOCIAL & HUMAN SERVICES

Humanities and Social Sciences Division
(206) 587-4164

The Social and Human Services program provides training for employment in the social and human service field. It helps develop the professional values, skills and knowledge necessary to assist individuals with personal, interpersonal, and situational problems. The first year offers training in communication, human problems, community resources, interviewing and counseling, group dynamics and social change. The second year provides opportunity for specialization through field placement, supplemental social science courses and specialized coursework.

Two options to the Social and Human Services degree are the Chemical Dependency Specialist certificate and the Child and Family Studies certificate. For information on entrance requirements and additional coursework, contact the division office.

NOTE: Prerequisite — Eligibility for ENG 101 and MAT 084.

Associate of Applied Science Degree (A.A.S.)

HUMAN SERVICES CORE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SHS 100</td>
<td>Intro to the Human Services</td>
<td>5</td>
</tr>
<tr>
<td>SHS 103</td>
<td>Survey of Institutions</td>
<td>5</td>
</tr>
<tr>
<td>SHS 106</td>
<td>Principles of Interviewing &amp; Counseling</td>
<td>5</td>
</tr>
<tr>
<td>SHS 108</td>
<td>Group Dynamics &amp; Counseling</td>
<td>5</td>
</tr>
<tr>
<td>SHS 197</td>
<td>Field Placement: Social and Human Services</td>
<td>3</td>
</tr>
<tr>
<td>SHS 198</td>
<td>Field Placement in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>SHS 199</td>
<td>Field Placement in Human Services</td>
<td>4</td>
</tr>
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</table>

HUMAN SERVICES SPECIALIZATIONS

Select 30 credits from the following classes:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SHS 150</td>
<td>AIDS Workshop</td>
<td>1</td>
</tr>
<tr>
<td>SHS 200</td>
<td>Advanced Counseling Techniques</td>
<td>4</td>
</tr>
<tr>
<td>SHS 205</td>
<td>Crisis Management &amp; Intervention</td>
<td>3</td>
</tr>
<tr>
<td>SHS 207</td>
<td>Behavior Management</td>
<td>3</td>
</tr>
<tr>
<td>SHS 210</td>
<td>Multicultural Counseling</td>
<td>3</td>
</tr>
<tr>
<td>SHS 215</td>
<td>Adolescent Development &amp; Treatment</td>
<td>5</td>
</tr>
<tr>
<td>SHS 231</td>
<td>Physiology/Pharmacology of Chemical Dependency</td>
<td>3</td>
</tr>
<tr>
<td>SHS 232</td>
<td>Chemical Dependency &amp; the Family</td>
<td>3</td>
</tr>
<tr>
<td>SHS 233</td>
<td>Chemical Dependency Counseling</td>
<td>5</td>
</tr>
<tr>
<td>SHS 235</td>
<td>Intro to Chemical Dependency</td>
<td>5</td>
</tr>
<tr>
<td>SHS 242</td>
<td>Mental Health Diagnosis in Chemical Dependency &amp; Other Human Service Settings</td>
<td>5</td>
</tr>
<tr>
<td>SHS 245</td>
<td>Mental Health Overview</td>
<td>3</td>
</tr>
<tr>
<td>SHS 250</td>
<td>Client &amp; Community Advocacy</td>
<td>4</td>
</tr>
<tr>
<td>SHS 255</td>
<td>Dual Diagnosis (MICA): Treatment Issues &amp; Services</td>
<td>5</td>
</tr>
<tr>
<td>SHS 265</td>
<td>Management &amp; Supervision</td>
<td>5</td>
</tr>
<tr>
<td>SHS 270</td>
<td>Law &amp; Ethics in Chemical Dependency</td>
<td>3</td>
</tr>
<tr>
<td>SHS 275</td>
<td>Chemical Dependency &amp; Domestic Violence</td>
<td>3</td>
</tr>
<tr>
<td>SHS 280</td>
<td>Chemical Dependency Case Management</td>
<td>3</td>
</tr>
<tr>
<td>SHS 296*</td>
<td>Human Services Workshop</td>
<td>1</td>
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<tr>
<td>SHS 297*</td>
<td>Human Services Workshop</td>
<td>2</td>
</tr>
<tr>
<td>SHS 298*</td>
<td>Human Services Workshop</td>
<td>3</td>
</tr>
<tr>
<td>SHS 299</td>
<td>Independent Study or Research</td>
<td>1-5</td>
</tr>
</tbody>
</table>

* Maximum of 3 credits may be applied towards degree.
RELATED INSTRUCTION

ENG 101 Composition ................................................................. 5
ENG 102 Composition ................................................................. 5
PSY 110 General Psychology ..................................................... 5
SOC 110 Survey of Sociology ..................................................... 5
CMN 105 Perspectives on Communication (Formerly CMN/SPE 100) ... 5
- Social Science/Humanities Elective ........................................ 5

TOTAL CREDITS 90

NOTE: Specific chemical dependency classes required for Washington State Chemical Dependency Counselor qualifications are listed in the Chemical Dependency Specialist brochure.

Eligibility for graduation requires a minimum 2.0 GPA in all required technical specialty and related instruction courses.

Child & Family Studies

The Child & Family Studies option provides academic preparation for students interested in working with children and their families in a wide range of employment opportunities. Students who wish to make a positive impact in their field and in the lives of children and families will find this program challenging and rewarding.

Certificate

SPECIALIZATION CERTIFICATE COURSES

SHS 103 Survey of Institutions ..................................................... 5
SHS 106 Principles of Interviewing & Counseling
- OR -
SHS 108 Group Dynamics & Counseling ..................................... 5
SHS 197 Field Placement: Social & Human Services ...................... 3

RELATED INSTRUCTION COURSES

ENG 101 Composition ................................................................. 5
HUM 105 Intercultural Communication ....................................... 5
PSY 206 Developmental Psychology .......................................... 5
SOC 110 Survey of Sociology ..................................................... 5
- OR -
SOC 230 Marriage, Family & Intimate Relationships .................... 5

CFS SPECIALIZATION AREA

NOTE: Students must take at least 12 credits from the specialization area listed below:

CFS 110 Planning Appropriate Activities &
Environmental for Young Children ........................................... 3
CFS 120 Supporting Young Children's Physical &
Intellectual Development ......................................................... 3
CFS 130 Guiding & Supporting Young Children's Social &
Emotional Development .......................................................... 3
CFS 145 Activities that Foster Development
During the School Age Years ................................................... 3
CFS 155 Development During the Adolescent Years ....................... 3
CFS 180 Guiding Behavior & Social Development During the
School Age and Adolescent Years ............................................. 2
CFS 208 Planning Activities & Spaces for School Age &
Youth Programs .................................................................... 2
CFS 215 Science & Technology in School-Age &
Youth Programs .................................................................... 2
CFS 223 Physical Development in School-Age &
Youth Programs .................................................................... 2
CFS 225 Assessment/Programming ............................................. 3
CFS 228 Childhood & Adolescent Sexuality & Education ............... 3
CFS 245 Building Partnerships with Diverse Families ..................... 1-5
CFS 232 Violence Prevention & Community Development
with Children, Youth & Families ............................................. 3
CFS 263 Working with Children with Disabilities ......................... 5
CFS 270 Child & Family Health .................................................. 3
CFS 280 Methods for Cultural Relevancy/Anti-Bias:
- Strategies for Children & Families ......................................... 3
CFS 284 Literacy Development for Children & their Families .... 2
CFS 290 Budget & Finance ......................................................... 1-4
CFS 294 Fundamentals of Management ..................................... 5
CFS 296 Personnel & Supervision .............................................. 1-4
CFS 299* Seminars ................................................................. 1-5

TOTAL CREDITS 45

Eligibility for graduation requires a minimum 2.0 GPA in all required technical specialty and related instruction courses.

Chemical Dependency Specialist

The Chemical Dependency Specialist program includes an integrated curriculum approach of classroom instruction and field-based clinical experience. Students will acquire competencies in the areas of interviewing, group dynamics, case management, physiology and pharmacology related to chemical dependency, the impact of chemical dependency on family members, and specific counseling interventions for working with chemical dependent clients. Courses meet the State of Washington Division of Alcohol and Substance Abuse requirements for chemical dependency counselor certification. Courses are offered day and evening. For further information contact the division office.

NOTE: Prerequisite — eligibility for ENG 101 and MAT 084.

NOTE: Additional courses may be needed to meet state certification requirements. Students should consult the division counselor before enrolling.

Certificate

CORE COURSES

SHS 106 Principles of Interviewing & Counseling ........................ 5
SHS 108* Group Dynamics & Counseling .................................. 5

TECHNICAL SPECIALTY COURSES

SHS 160 HIV/AIDS Workshop .................................................... 1
SHS 160 Multicultural Counseling ............................................. 3
- OR -
SHS 215* Adolescent Development & Treatment ....................... 5
SHS 231* Physiology/Pharmacology of Chemical Dependency .... 3
SHS 232* Chemical Dependency & the Family ......................... 3
SHS 233* Chemical Dependency Counseling ............................ 3
SHS 234* Intro to Chemical Dependency .................................. 3
SHS 270* Law & Ethics in Chemical Dependency ....................... 3

TOTAL CREDITS 45

Eligibility for graduation requires a minimum 2.0 GPA in all required technical specialty and related instruction courses.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SHS 280*</td>
<td>Chemical Dependency Case Management</td>
<td>3</td>
</tr>
<tr>
<td>SHS 296**</td>
<td>Human Services Workshop</td>
<td>1-3</td>
</tr>
<tr>
<td></td>
<td>** In the topic areas of Multicultural Counseling, Adolescent Assessment &amp; Relapse Prevention.</td>
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**FIELD PLACEMENT COURSES**

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>CDS 197</td>
<td>Field Placement in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>CDS 198</td>
<td>Field Placement in Human Services</td>
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<tr>
<td>CDS 199</td>
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**GENERAL EDUCATION COURSES**

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<tbody>
<tr>
<td>ENG 101</td>
<td>Composition</td>
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</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>5</td>
</tr>
<tr>
<td>PSY 206</td>
<td>Developmental Psychology (Lifespan)</td>
<td>5</td>
</tr>
<tr>
<td>PSY 207</td>
<td>Developmental Psychology (Adolescent)</td>
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</tr>
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</table>

TOTAL CREDITS: 66-71

NOTE: Eligibility for graduation requires a minimum 2.0 GPA in all required technical specialty and related instruction courses.

* These courses meet current minimum state requirements for registration as Chemical Dependency Counselors with the Department of Health. In addition, an associate’s degree or its academic equivalent in any area, and 2,500 clock hours of qualified internship are required.

**SURGICAL TECHNOLOGY**

**Allied Health, Business, Languages & Cultures Division**

(206) 587-4161

This three-quarter program prepares men and women to share in the responsibility of the operating room team in the care of the patient requiring surgery. The surgical technologist is at all times under the supervision of the physician and/or registered nurse.

The program consists of instruction in the basic sciences, medical terminology, surgical functions in the operating room, operating room equipment and aseptic techniques, and is nationally accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The clinical practice throughout the program will be coordinated by the instructor at the college and take place in various hospitals in the Seattle area. Graduation requirements include a minimum 2.0 GPA in each surgical technology course and all related instruction. Entry is during the fall quarter only. For more information contact the division office.

NOTE: Prerequisites — eligibility for ENG 101 and MAT 084.

**Certificate**

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT 111</td>
<td>Surgical Technology Lab</td>
<td>5</td>
</tr>
<tr>
<td>STT 113</td>
<td>Surgical Technology I</td>
<td>8</td>
</tr>
<tr>
<td>STT 115</td>
<td>Clinical Orientation</td>
<td>2</td>
</tr>
<tr>
<td>STT 123</td>
<td>Surgical Technology II</td>
<td>14</td>
</tr>
<tr>
<td>STT 125</td>
<td>Clinical Practice I</td>
<td>5</td>
</tr>
<tr>
<td>STT 133</td>
<td>Surgical Technology III</td>
<td>5</td>
</tr>
<tr>
<td>STT 135</td>
<td>Clinical Practice II</td>
<td>8</td>
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</tbody>
</table>

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AHE 117</td>
<td>Medical Terminology I</td>
<td>1</td>
</tr>
<tr>
<td>AHE 127</td>
<td>Medical Terminology II</td>
<td>1</td>
</tr>
<tr>
<td>AHE 137</td>
<td>Medical Terminology III</td>
<td>1</td>
</tr>
<tr>
<td>ANP 128</td>
<td>Survey of Anatomy &amp; Physiology</td>
<td>5</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
</tbody>
</table>

TOTAL CREDITS: 60
TECHNICAL COMMUNICATIONS

Communications & Design Division
(206) 587-3830

The Technical Communications curriculum is a two-year, A.A./A.A.S. degree program focusing on comprehensive language skills. The program prepares students to enter entry-level to mid-level positions as freelance professionals or salaried technicians in fields including: Web engineer, Webmaster, technical writer, help writer, technical/developmental editor, copy editor, technical editing assistant, and document manager. Because of the emphasis on the development of strong language skills, students need to complete ENG 101/102, BUS 131, and MIC 101 prior to starting this program’s technical specialty courses.

Associate of Applied Science Degree (A.A.S.)

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEC 110</td>
<td>General Editing</td>
<td>4</td>
</tr>
<tr>
<td>TEC 120</td>
<td>Principles of Developmental Editing</td>
<td>5</td>
</tr>
<tr>
<td>TEC 130</td>
<td>Style Guides &amp; Visual Design</td>
<td>5</td>
</tr>
<tr>
<td>TEC 140</td>
<td>Mapping Information/Architecture</td>
<td>4</td>
</tr>
<tr>
<td>TEC 150</td>
<td>Specialization</td>
<td>4</td>
</tr>
<tr>
<td>TEC 197</td>
<td>Work-Based Learning</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TEC 299</td>
<td>Independent Study</td>
<td>5</td>
</tr>
<tr>
<td>TEC 200</td>
<td>Senior Seminar I</td>
<td>5</td>
</tr>
<tr>
<td>TEC 220</td>
<td>Senior Seminar II</td>
<td>5</td>
</tr>
<tr>
<td>TEC 230</td>
<td>Technical Communications Seminar</td>
<td>4</td>
</tr>
<tr>
<td>TEC 294</td>
<td>Copy Editing/Writing I</td>
<td>5</td>
</tr>
<tr>
<td>TEC 295</td>
<td>Copy Editing/Writing II</td>
<td>5</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 136</td>
<td>UNIX Operating System</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS 142</td>
<td>C Programming</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS 172</td>
<td>Visual Basic I</td>
<td>5</td>
</tr>
<tr>
<td>DES 251</td>
<td>Multimedia I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 294</td>
<td>Copy Editing/Writing I</td>
<td>5</td>
</tr>
<tr>
<td>ENG 295</td>
<td>Copy Editing/Writing II</td>
<td>5</td>
</tr>
<tr>
<td>HUM 105</td>
<td>Intercultural Communications</td>
<td>5</td>
</tr>
<tr>
<td>MAT 107</td>
<td>Mathematics: A Practical Art</td>
<td>5</td>
</tr>
<tr>
<td>MIC 104</td>
<td>Using Computers II</td>
<td>2</td>
</tr>
<tr>
<td>MIC 110</td>
<td>Program Design &amp; Development in Visual Basic</td>
<td>4</td>
</tr>
<tr>
<td>PHI 120</td>
<td>Intro to Logic</td>
<td>5</td>
</tr>
</tbody>
</table>

SPECIALTY ELECTIVES

Select 14 special elective credits.

TOTAL CREDITS 91

WIRELESS TELECOMMUNICATIONS

Communications & Design Division
(206) 587-3830

The Wireless Telecommunications program will qualify and prepare students for employment in the wireless communications industry. The two-year technologically-based curriculum provides a comprehensive communications skill foundation and applied theoretical foundation in mathematics, physics/chemistry, electronics, social sciences, business/organizational theory, computer configuration and applications. Instruction includes RF Transmissions and RF propagation, as well as critical thinking, logic and problem-solving (inductive/deductive/intuitive).

Associate of Applied Science Degree (A.A.S.)

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EET 161</td>
<td>DC Principles of Electronics</td>
<td>5</td>
</tr>
<tr>
<td>EET 163</td>
<td>Solid State Electronics</td>
<td>5</td>
</tr>
<tr>
<td>WCT 101</td>
<td>Intro to Wireless Systems</td>
<td>4</td>
</tr>
<tr>
<td>WCT 120</td>
<td>Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>WCT 121</td>
<td>Engineering Electromagnetics I</td>
<td>5</td>
</tr>
<tr>
<td>WCT 122</td>
<td>Engineering Electromagnetics II</td>
<td>5</td>
</tr>
<tr>
<td>WCT 197</td>
<td>Work Experience</td>
<td>5</td>
</tr>
<tr>
<td>WCT 199</td>
<td>Seminar I, II, &amp; III</td>
<td>4</td>
</tr>
<tr>
<td>WCT 225</td>
<td>Signaling</td>
<td>5</td>
</tr>
<tr>
<td>WCT 227</td>
<td>RF Modulation</td>
<td>4</td>
</tr>
<tr>
<td>WCT 230</td>
<td>Network Transport</td>
<td>4</td>
</tr>
<tr>
<td>WCT 231</td>
<td>Wireless Engineering</td>
<td>5</td>
</tr>
<tr>
<td>WCT 232</td>
<td>Air Interface Protocols</td>
<td>5</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 102</td>
<td>Business Organization &amp; Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS 290</td>
<td>Intro to UNIX</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>HUM 105</td>
<td>Intercultural Communication</td>
<td>5</td>
</tr>
<tr>
<td>MAT 116</td>
<td>Applications of Mathematics to Management, Life and the Social Sciences</td>
<td>5</td>
</tr>
<tr>
<td>MAT 117</td>
<td>Elements of Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MIC 101</td>
<td>Intro to Microcomputer Applications</td>
<td>4</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 90-92
WOOD CONSTRUCTION

2310 South Lane, Seattle, WA 98144
(206) 587-5460

The Wood Construction Program prepares students for employment in the following three areas:

- Cabinetmaking & Fine Woodworking
- Carpentry
- Marine Carpentry (Boatbuilding)

All students enrolling in any full-time Wood Construction Certificate program are required to complete 13 credits of related instruction coursework in math, communication, computer computation, human relations and first aid.

Cabinetmaking & Fine Woodworking Certificate

This program prepares students for entry-level employment in the cabinetmaking and fine woodworking trades. The curriculum combines technical information with practical shop applications. Students learn to build fine furnishings with precision and steadiness. A series of assigned projects helps the students learn the tools and techniques of the cabinetmaking trade.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCO 110</td>
<td>Intro to Professional Woodworking</td>
<td>18</td>
</tr>
<tr>
<td>WCO 150</td>
<td>Basic layout, blueprints, cabinet construction, safe shop practices</td>
<td>18</td>
</tr>
<tr>
<td>WCO 150</td>
<td>Advanced layout, blueprints, machinery, hardware, laminates, machine safety</td>
<td>18</td>
</tr>
<tr>
<td>WCO 150</td>
<td>Advanced layout, blueprints, cabinet construction, machinery, hardware, laminates, on-the-job safety</td>
<td>18</td>
</tr>
<tr>
<td>WCO 150</td>
<td>Student optional projects w/permission of instructor</td>
<td>18</td>
</tr>
<tr>
<td>WCO 150</td>
<td>Selected class projects (Optional - Instructor approval required)</td>
<td>18</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 105</td>
<td>Applied Communication</td>
<td>3</td>
</tr>
<tr>
<td>MAT 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>MIC 103</td>
<td>Intro to Computers/Macintosh</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>WCO 120</td>
<td>Construction &amp; Maritime First Aid</td>
<td>1</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 103

Carpentry Certificate

The Carpentry program prepares students for entry-level carpentry positions in the home construction, remodeling, and light commercial construction trades. The units of study cover the major job responsibilities of a carpenter in the trade. Hands-on shop learning is emphasized and supplemented by classroom instruction. Students in the Carpentry program often build a house or a complete structure each school year.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCO 110</td>
<td>Intro to Professional Woodworking</td>
<td>18</td>
</tr>
<tr>
<td>WCO 140</td>
<td>Concrete forms &amp; footings, floor systems, safety on the job</td>
<td>18</td>
</tr>
<tr>
<td>WCO 140</td>
<td>General frame construction, roof framing, safe staging, working at heights</td>
<td>18</td>
</tr>
<tr>
<td>WCO 140</td>
<td>Finish work, setting windows &amp; doors, machine safety</td>
<td>18</td>
</tr>
<tr>
<td>WCO 140</td>
<td>Selected class projects (Optional - Instructor permission required)</td>
<td>18</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 105</td>
<td>Applied Communication</td>
<td>3</td>
</tr>
<tr>
<td>MAT 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>MIC 103</td>
<td>Intro to Computers/Macintosh</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>WCO 120</td>
<td>Construction &amp; Maritime First Aid</td>
<td>1</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 85

Wood Construction Associate of Applied Science Degree (A.A.S.)

The A.A.S. degree requires completion of certificate requirements for the Cabinetry and Carpentry programs (103 or 85 credits), plus 17 credits of related instruction.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIC 203</td>
<td>Intro to CADD</td>
<td>3</td>
</tr>
<tr>
<td>WCO 160</td>
<td>Architectural Blueprint Reading &amp; Cost Estimating for the Building Trades</td>
<td>3</td>
</tr>
<tr>
<td>WCO 164</td>
<td>Roof Framing &amp; Stairbuilding</td>
<td>2</td>
</tr>
<tr>
<td>WCO 167</td>
<td>Fine Furniture Making I</td>
<td>4</td>
</tr>
<tr>
<td>WCO 197</td>
<td>Work Experience – Wood Construction</td>
<td>5-15 or any ACC, BUS, CSC, HDC, MIC, MTS, OFO, TDR or liberal arts course</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 109-119
Marine Carpentry (Boatbuilding) Certificate
The Marine Carpentry (Boatbuilding) program prepares students for entry into the boatbuilding, boat repair and related industries. The course curriculum includes lofting and layout, fiberglass lay-up and repair, spray gun technique, wood boat construction and repair, and interior and exterior joinery. Students learn the craft by working on assigned projects. The class and shop atmosphere are similar to an actual boatbuilding shop.

WCO 120 Construction & Maritime First Aid ......................................... 1
PSY 220 Psychology of Human Relations .............................................. 3
MAT 110 Applied Math for Technicians .................................................. 3
ENG 105 Applied Communication .......................................................... 3

RELATED INSTRUCTION
ENG 105 Applied Communication .......................................................... 3
MAT 110 Applied Math for Technicians .................................................. 3
PSY 220 Psychology of Human Relations .............................................. 3
WCO 120 Construction & Maritime First Aid ......................................... 1

TOTAL CREDITS 118

WORK EXPERIENCE / COOPERATIVE EDUCATION
Cooperative Education & Career Placement (206) 587-5422
Cooperative Education (Co-op) is a "work for credit" program offered to students enrolled in college transfer or professional-technical programs. Students earn academic credit for learning that occurs on the job; students may earn credit for jobs, paid or unpaid internships, or volunteer service in the community. Co-op is a coordinated effort between the student, the employing organization, and the college.

Co-op provides students with an opportunity to explore or clarify career choices, acquire career-related experience, improve existing skills or learn new skills applicable to future employment, and earn college credit.

Permission required. Contact the Cooperative Education Office for additional information.

ADS 197 Apparel Design ................................................................. 2-3
AHE 197 Allied Health ................................................................. 2-3
AHE 198 Allied Health ................................................................. 2-3
AHE 199 Allied Health ................................................................. 2-3
BIO 197 Internship in Biotechnology .............................................. 2-3
BUS 197 Business Occupations .................................................. 2-15
CHA 197 Work Experience: Community Health Advocate .......... 2-3
CHE 197 Chemistry ................................................................. 2-3
CIS 197 Computer Information Systems ....................................... 2-3
CMS 197 Community Service ...................................................... 2-3
CMS 198 Community Service ...................................................... 2-3
CMS 199 Community Service ...................................................... 2-3
COM 197 Film & Video ............................................................... 2-3
CWE 197 Co-op Work Experience .............................................. 2-15
CWE 198 Co-op Work Experience .............................................. 2-15
CWE 199 Co-op Work Experience .............................................. 2-15
DES 197 Graphic Design ............................................................. 2-3
EDU 197 Education ................................................................. 2-3
EDU 198 Education ................................................................. 2-3
EDU 199 Education ................................................................. 2-3
GPT 197 Graphic Imaging/Printing Technology ......................... 2-3
HDC 197 Leadership Practice & Application ................................ 2-3
HOS 197 Culinary Arts .............................................................. 2-15
HUM 197 Humanities .............................................................. 2-15
ITL 197 International Cooperative Education ................................ 5
ITL 198 International Cooperative Education ................................ 5
OPH 197 Opticianry ................................................................. 2-3
OPH 198 Opticianry ................................................................. 2-3
OPH 199 Opticianry ................................................................. 2-3
PHO 197 Photography ............................................................... 2-3
RCP 196 Respiratory Care .......................................................... 2-3
RCP 197 Respiratory Care .......................................................... 2-3
RCP 198 Respiratory Care .......................................................... 2-3
RCP 199 Respiratory Care .......................................................... 2-3
SAL 197 Sales Occupations ....................................................... 2-15
SCI 197 Science ................................................................. 2-15
SHS 197 Work Experience: Social & Human Services .............. 2-3
SHS 198 Work Experience: Social & Human Services .............. 2-3
SHS 199 Work Experience: Social & Human Services .............. 2-3
SSC 197 Social Science ............................................................. 2-13
WCO 197 Wood Construction ..................................................... 2-15
WCT 197 Wireless Telecommunications ......................................... 2-8
ADMINISTRATION & FACULTY

OFFICE OF THE PRESIDENT

CHARLES H. MITCHELL,
President/Vice Chancellor:
B.A., University of Washington; M.Ed., Seattle University; Ed.D., Brigham Young University.

SUE BEAN, Director, Development:
B.A., University of Washington.

DANNY HOWE, Director, Communications:

TINA LEIMER,
Director, Planning and Research:
B.A., M.A., University of Houston.

KATHRYN WOODLEY, Affirmative Action Officer/Personnel Representative

CAROLYN S. YEAGER,
Executive Assistant to the President

STUDENT SERVICES

LORIS BLUE,
Vice President, Enrollment Services:
B.A., Seattle University; M.Ed., University of Washington.

BEA KIYOHARA,
Vice President, Student Development:
B.A., M.A., University of Houston.

LEXIE EVANS,
Associate Dean, Student Leadership:
B.A., University of Washington; M.A., Western Washington University.

JOAN M. RAY, Associate Dean of Financial Aid and Student Services:
B.A., California State University at Los Angeles; M.Ed., Seattle University.

RICARDO BALDIZAN, Director, Student Activities Center:
B.S., M.S., University of New Mexico.

RONALD KLINE, Director, Advising Center, Testing Office and Transfer Center:
B.S., University of Washington; M.Ed., Western Washington University.

GLORIA RANDOLPH,
Director of Admission/Registrar:
B.A., Western Washington University.

CHERYL L. REID, Director, Financial Aid:
B.A., University of Puget Sound; M.A., Seattle University.

CARLOS WILLIAMS, Director, Enrollment Services Information Systems:
B.A., University of Washington; M.A., Seattle University.

RICARDO APACIBLE, Project Director, Student Academic Assistance:
B.A., M.A., University of St. Thomas; M.Ed., University of Washington.

SHARI ESTEP,
Manager, Center for Deaf Students:
Interpreter Training Program, St. Paul Technical College; B.A., Metropolitan State University; M.N., CI & CT (ABT).

MARTHA PRINCE,
Manager, Wellness Center:
B.A., Florida State University; M.Ed., Springfield College.

MAGGI SUTTHOFF,
Manager of Woman’s Programs:
B.A., University of Washington; M.A., Seattle University.

TERRI JOHNSON,
Coordinator, Outreach and Recruiting:
B.A., Spelman College; M.Ed., University of Central Oklahoma; Ph.D., University of Texas at Austin.

ADMINISTRATIVE SERVICES

GEORGE GARY,
Director, Administrative Services:
B.S., Long Island University; M.B.A., City University.

DICK COULTER,
Director, Auxiliary Services:
B.A., Union College; B.S., M.S., Cornell University.

JEFFREY WATTS,
Director, Facilities & Capital Projects

OFFICE OF INSTRUCTION

RON HAMBERG,
Vice President, Instruction:
B.A., B.S., University of Minnesota; M.Ed., Ph.D., University of Washington.

MYRTLE MITCHELL, Executive Dean, Professional Technical Education:
B.S., M.S.N., Ph.D., University of Washington; B.S., Seattle Pacific University.

A. BARRETTO OGLIVIE, Executive Dean, Continuing Education/Special Programs:
B.A., University of Washington; M.A., Ed.D., Seattle University.

MARTY CAVALLUZZI,
Dean, Science and Math Division:
B.S., Humboldt State University; M.A., Ph.D., The College of William and Mary.

ANDREA INSLEY,
Dean, International Education Programs:
B.A., M.A., University of Washington; Ed.D., Oregon State University.

WAI-FONG LEE,
Dean, Instructional Resource Services:
B.S., Chinese University of Hong Kong; M.A., M.L.S., University of Hawaii; Ph.D., University of Arizona.

ANDRE LOH,
Dean, Basic Studies Division:
B.A., Whitman College; M.A., Doctoral Candidate, University of Washington.

JOHN J. MCMAHON, Dean, Communications and Design Division:
B.S., Providence College; M.S., University of Hawaii; Ph.D., Oregon State University.

JAN WEST, Dean, Business, Languages and Cultures/Allied Health Division:
B.S., University of Wisconsin; M.Ed., University of Cincinnati.

AUDREY WRIGHT, Dean, Humanities/Social Sciences:

GREG MOWRER, Associate Dean, Hospitality/Culinary Arts

HARRIET M. WASSERMAN, Associate Dean, Information Technology:
M.S., University of Washington.

QUEENIE BAKER,
Director, Distance Learning Program
JAMES M. HASSELBALCH,
Director, Seattle Maritime Academy:
B.S., U.S. Coast Guard Academy; M.S., Naval Postgraduate School.

DONNA MILLER-PARKER, Director, ABLE
Network and Northwest Regional Literacy Resource Center:
M.A., Seattle University.

DEBORAH TURNER,
Manager, Institute of English:
B.A., University of Oregon; M.S., Portland State University.

THE FACULTY

ALLEY-BARNES, ROYAL, Art
AL-MADANI, MOHAMMAD, Anthropology:
B.S., Muskingum; M.A., Oregon State University; Ph.D., University of Florida.

APPLETON, RICHARD, Counselor:
B.A., University of California at Santa Barbara; M.S., Seattle Pacific University.

ARAGON, CONNIE,
Business Information Technology:
B.A., University of California at Santa Barbara; M.S., Seattle Pacific University.

AREGAYE, YESHEWAWOIN (MIMI), Math:
B.S., M.S., Wichita State University.

ARMITAGE, LEIGHTON L.,
Institute of English:

AZPITARTE, MARIA,
Associate Degree Nursing:
R.N., B.S.N., Seattle University; M.S.N., University of Portland; Professional Technical Teaching Certificate.

BACHAR, GREG, English
BAILEY, MIA, Institute of English:
B.A., M.A., University of Idaho.

BARRIE, DONALD J., Art:
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