

1701 Broadway
Seattle, WA 98122-9905
(206) 587-3800



www.seattlecentral.org

SEATTLE CENTRAL COMMUNITY COLLEGE

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CENTRAL • WELCOME



MISSION & INFORMATION



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

*Source: State Board for Community and Technical Colleges Data Warehouse -2000-01



STUDENT SERVICES AT CENTRAL

Academic Advising	(206) 587-4068
Admissions	(206) 587-5450
Career Information Center	(206) 344-4383
Counseling	(206) 587-3851
Financial Aid	(206) 587-3844
International Student Admissions	(206) 587-3893
Registration	(206) 587-6918
Testing Services	(206) 587-6344
Tutoring Services	(206) 587-3852
TTY	varies by department

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 multi-disciplinary 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.

The Seattle Central library collection is accessible district-wide. Students can use the inter-library loan to access library materials from other libraries in Washington and nearby states.

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.

Center 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.

CAMPUS LIFE

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) 587-4148

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.

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.

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.

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) 587-3890.

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.

SPECIAL PROGRAMS & SERVICES

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) 587-6310V/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

COLLEGE TRANSFER PROGRAMS

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	Environmental Science
Anthropology	General/Biological Science
Art	Geography
Astronomy	Geology
Biology	Health
Business	Humanities
Chemistry	Journalism
Communication	Mathematics
Computer Science	Music
Drama	Nutrition
Earth Science	Philosophy
Economics	Physics
English	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.

BASIC STUDIES

(206) 587-4180

Basic studies programs provide instruction for those who want to improve basic verbal and math skills or earn a high school diploma in order to get better jobs, continue their education, and improve their lives. Each of the programs in this area is designed to meet a particular set of student needs.

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.)

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.)

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:*

Sophomore English (ENG 092 or 096)	5**
Junior English (ENG 096 or 101)	5
Senior English (ENG 096 or 101 or 102)	5
Fine Arts (Drama, Music or Art)	5
Pacific Northwest History (HIS 264)	5
U.S. History I (HIS 111, 113, 114)	5
U.S. History II (HIS 106, 112, 115)	5
Contemporary World Problems	5
<i>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.</i>	
Mathematics series (MAT 081)	10
<i>Pre-algebra, Algebra I, or a math class at student's placement level.</i>	
Science	10
<i>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.</i>	
Occupational Education	5
<i>May be chosen from any professional technical courses.</i>	
Physical Education	2
<i>May be waived with permission.</i>	
Health (HEA 125, 150)	5

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.

CONTINUING EDUCATION

(206) 587-5476

The Office of Continuing and Professional Education offers a variety of credit and non-credit educational opportunities for individuals, organizations, and businesses.

Center for Independent Study

(206) 587-5422

The Center for Independent Study offers a variety of educational opportunities, including programs that grant academic credit for job, intern or volunteer service activities, and resources to assist students with their job search. The Center houses the following programs:

COOPERATIVE EDUCATION PROGRAM (206) 587-5422

Cooperative Education is an educational program offered to students enrolled in college transfer or professional-technical programs. Students are able to earn credit for their jobs (with permission), paid or unpaid internships, or volunteer service to the community.

CAREER PLACEMENT (206) 587-5422

Career placement offers a variety of services to students, including job/intern/volunteer listings, professional résumé and cover letter critiques, mock interviews, computer and phone access, free job search materials, and access to businesses and non-profit agencies who recruit on campus throughout the year and at the annual career fair.

SERVICE-LEARNING (206) 587-5422

Service-learning is a pedagogy that integrates community service and academic instruction by focusing on critical reflective thinking and civic responsibility.

Community Education Classes

(206) 587-5448

Community Education programs focus on lifelong learning needs for personal enrichment, training and development. These programs respond to current community needs through seminars, workshops and classes that are non-credit and may range from a one-evening, three-hour offering to quarter-long classes.

Computer Training Programs

(206) 587-5448

The Computer Training programs work to strengthen a range of skills from introductory computer courses in word processing, to high-end 3D animation and new technology certification. Students have available an array of computer training programs that includes Microsoft Office Suite, database software, multimedia software, Web design and computer programming and networking.

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.

PROFESSIONAL/TECHNICAL PROGRAMS

APPAREL DESIGN & SERVICES

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

ADS 101	Construction Techniques for Professional Applications	4
ADS 102	Intermediate Construction for Professional Applications	4
ADS 103	Mass Market Production Techniques	4
ADS 111	Design Through Flat Patternmaking I	4
ADS 112	Pattern Development Through Draping	4
ADS 113	Design Through Flat Patternmaking II	4
ADS 122	Professional Alterations & Fitting I	2
ADS 139	Intro to Apparel Manufacturing	2
ADS 141	Textile Technology & Design I	2
ADS 142	Textile Technology & Design II	2
ADS 197*	Work Experience: Apparel Design & Services	8
ADS 205	Contemporary Tailoring	4
ADS 207	Active Sportswear Construction	4
ADS 215	Intro to Pattern Grading for the Garment Industry	4
ADS 221	Professional Alterations & Fitting II	2
ADS 226	Intermediate Pattern Grading	4
ADS 227	Pattern Design for Ready-to-Wear	4
ADS 228	Pattern Design for Active Sportswear	4
ADS 229	Design a Line	2
ADS 230*	Portfolio & Résumé Development	2
ADS 240*	Computerized Pattern Grading	3
ADS 243	Textile Technology & Design III	2
ADS 250	Final Line Design & Development	6

RELATED INSTRUCTION

ADS 298	Special Topics in Apparel Design and Services	1-5
BUS 185*	Small Business Management	5
MIC 141*	Computer Apps. for Apparel Design I	3
MIC 142*	Computer Apps. for Apparel Design II	3
PSY 220*	Psychology of Human Relations	3

* Classes which meet the Related Instruction requirement.

TOTAL CREDITS

90-92

ARTS MANAGEMENT

Communications & Design Division

(206) 587-3830

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

Certificate

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

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

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

RELATED INSTRUCTION

ENG 101	Composition	5
ENG 106◊	Technical Writing	3
MAT 122	Pre-calculus	5

* 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.

ELECTIVES

Select 5 elective credits

TOTAL CREDITS

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

BUS 113	Diversity Issues in Business	3
BUS 116	Business Math/Spreadsheets	5
BUS 131	Integrated Communications I	5
BUS 132	Integrated Communications II	5
BUS 140	Customer Relations	5
BUS 170	Information Technology I	4
BUS 171	Information Technology II	4
BUS 172	Information Technology III	4
BUS 182	Information & Database Management	5
BUS 197	Work Experience: Business	4
BUS 216	Professional Development	5

TOTAL CREDITS 49

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

COMPLETION OF CERTIFICATE REQUIREMENTS 49

ALLIED SUPPORT COURSES

ACC 210	Financial Accounting: Fundamentals I	5
BUS 100	Fundamentals of Supervision	3
BUS 101	Intro to Business	5
- OR -		
BUS 185	Small Business Management	5
BUS 103	Human Resources Management	3
BUS 178	Intro to Web Design with HTML	5
BUS 181	Intro to Desktop Publishing	5
MIC 120	Database, Applications & Design with MS Access	4
CMN 105	(Formerly CMN/SPE 100) Perspectives on Communication	5

GENERAL EDUCATION COURSES

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

TOTAL CREDIT 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

BAK 104	Intro to Baking: Theory	1
BAK 105	Restaurant Baking: Theory	1
BAK 114	Intro to Baking: Practicum	0.5
BAK 115	Restaurant Baking: Practicum	0.5
BAK 116	Fine Dining Baking: Practicum	0.5
CUL 101	Intro to Professional Cooking: Theory	8
CUL 102	Quantity Cooking: Theory	5
CUL 103	Restaurant Cooking: Theory	5
CUL 104	Fine Dining: Theory	4
CUL 111	Intro to Professional Cooking: Practicum	4
CUL 112	Quantity Cooking: Practicum	8
CUL 113	Restaurant Cooking: Practicum	8
CUL 114	Fine Dining: Practicum	8
CUL 200	Advanced Culinary Management: Clinical	1
CUL 203	Chef of the Day: Practicum	4
CUL 251	Buffet Catering/Garde Manger/Ice Carving: Theory	4
CUL 255	Buffet Catering/Garde Manger/Ice Carving: Practicum	8
HOS 101	Intro to Customer Service: Practicum	0.5
HOS 102	Customer Service: Practicum	1
HOS 103	Table Service: Practicum	1
HOS 104	Tablesides Service: Practicum	1

HOS 109	Advanced Customer Service	0.5
HOS 110	Principles of Sanitation	3
HOS 111	Intro to Customer Service: Theory	1
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 102.5
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, truffles, 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 76.5
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 intermediary interpreters for deaf consumers with special needs 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 arenas 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

ASL 120	Intro to Deaf Studies	5
ASL 125	American Deaf Culture	5
ITP 115	Survey of Interpreting	3
ITP 119	Deaf-Blind Interpreting	4
ITP 145	Ethics of Interpreting	3
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
DRA 112	ASL Theatre	5
LAN 110	Comparative Linguistics: ASL and English	5

RELATED INSTRUCTION

ENG 101	Composition	5
HUM 105	Intercultural Communication	5
SPS 201	Survey of Hearing Impairment	5
	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

COM 101	TV Theory & Camera Composition	5
COM 102	TV Production & Post-Production	5
COM 103	TV Production Crew & Team Projects	5
COM 130	TV Production Design	3
COM 140	Intro to Media Images	3
COM 197	Work Experience – Applied Video Communications	3
COM 200	Small Group Productions	4
COM 214	History of Film & Video	3
COM 215	Media Law & Ethics	3
COM 225	Advanced TV Production/Applied Communications	5
COM 230	Technical Operations	2
COM 235	Production Management	3
COM 236	Audio Production	3
COM 240	Production Operations	3
COM 250	Portfolio Preparation	2
COM 260	Directing	3
COM 270	In-House Productions	3-5

RELATED INSTRUCTION

DRA 120	Intro to Acting	5
ENG 101	Composition	5
ENG 102	Composition	5
ENG 150	Writing for the Media: Scriptwriting	5
ENG 155	Writing for the Media: Advanced Scripting	3
ENG 203	Writing for the Media: Advanced Scriptwriting	3
HIS 130	History of Broadcasting	3
MIC 105	Using Computers	2
MIC 130	Digital Imaging	3
MIC 131	Nonlinear Editing	3
MIC 241	2D & 3D Animation	3
SOC 120	Sociology of the Media	3

TOTAL CREDITS

101-103

TOTAL CREDITS

76

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

DES 101	Drawing I	3
DES 102	Drawing II	3
DES 103	Drawing III	3
DES 109	Graphic Design Business Practices	2
DES 110	History of Graphic Design	2
DES 121	Typography I	3
DES 122	Typography II	3
DES 123	Typography III	3
DES 131	Graphic Design I	3
DES 132	Graphic Design II	3
DES 133	Graphic Design III	3
DES 145	Graphic Production I	3
DES 146	Graphic Production II	3
DES 147	Graphic Production III	3
DES 197	Work Experience – Graphic Design & Illustration	3
DES 231	Graphic Design IV	4
DES 232	Graphic Design V	4
DES 233	Graphic Design VI	4
DES 234	Graphic Design VII	4
DES 235	Graphic Design VIII	4
DES 241	Illustration I	3
DES 242	Illustration II	3
DES 243	Illustration III	3
DES 244	Illustration IV	3
DES 245	Illustration V	3
DES 251	Multimedia I	3
DES 252	Multimedia II	3
DES 253	Multimedia III	3
DES 260	Portfolio Preparation	3

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
	Electives	12
<i>Students may choose from any business, art, humanities, social science, science or math course.</i>		

TOTAL CREDITS	108
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Associate of Applied Science Degree (A.A.S.)

COMPLETION OF CERTIFICATE REQUIREMENTS	108
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Plus 12 additional credits from business related areas, accounting, business, computers, desktop publishing, or college transfer. Contact the Advising Center.

TOTAL CREDITS	120
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GRAPHIC IMAGING & PRINTING TECHNOLOGY

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 Microcomputer Applications	4
MIC 110	Program Design & Development in Visual Basic	4
MIC 150**	Internet and the World Wide Web	4
WEB 100†	Web Career Survey	1
ITC 140††	Introduction to Computer Hardware	5
	<i>* Web Development, Network Design & Administration, and Database Design & Administration only.</i>	
	<i>** Web Design, Web Development, and Applications Support only.</i>	
	<i>† Web Design and Web Development only.</i>	
	<i>†† Networking Design & Administration only.</i>	

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 255	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
- OR -		
MAT 116	Applications of Mathematics to Management, Life and the Social Sciences	5
MIC 298	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 255	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
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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

Associate 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 1	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	5
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
CSC142	Programming	5
CIS 244	Intro to Object-Oriented Programming: C++	5
CIS 280	Web Servers/Databases	5
CSC 143	Computer Programming II	5
ITC 110	Programming Concepts and 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
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TOTAL CREDITS		70
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Associate of Applied Science Degree (A.A.S.)

COMPLETION OF CERTIFICATE REQUIREMENTS 70

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

TOTAL CREDITS		95
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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	4
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.

RELATED INSTRUCTION

ASL 125	American Deaf Culture	5
ENG 101	Composition	5
HUM 105	Intercultural Communication	5
LAN 110	Comparative Linguistics: ASL and English	5
SPS 201	Survey of Hearing Impairment	5
	Any 5 credit course meeting the Math Requirement	5

OPTIONAL ELECTIVES

ASL 120	Intro to Deaf Studies	5
DRA 112	ASL Theatre	5
DRA 120	Intro to Acting	5

TOTAL CREDITS		94
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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

gives each graduate ten months of sea service towards AB-Special. Graduates satisfy both the written and practical examination requirements for both the Able Seaman and the Lifeboatman endorsements. The Marine Deck Technology Certificate program also qualifies each graduate for an STCW “ratings forming part of a navigational watch” endorsement. Graduates also receive six months of sea service credit towards a license as Apprentice Mate (Steersman) of near coastal uninspected towing vessels.

Marine Engineering Technology

Certificate

TECHNICAL SPECIALTY COURSES

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

* *Optional Course*

RELATED INSTRUCTION

ENG 105	Applied Composition	3
MGO 105	Leadership & Management	3
MGO 119	Marine Mathematics	3

TOTAL CREDITS 73-77

Marine Deck Technology Certificate

TECHNICAL SPECIALTY COURSES

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

* *Optional Course*

RELATED INSTRUCTION

ENG 105	Applied Composition	3
MGO 105	Leadership & Management	3
MGO 119	Marine Mathematics	3

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

ANP 213*	Anatomy & Physiology I	5
BIO 280	Microbiology	5
CHE 101	Chemistry	5
	<i>(or one year of high school chemistry in the last five years)</i>	
ENG 101	Composition	5
PSY 110	General Psychology	5
	<i>* ANP 213 and ANP 214 MUST be taken within 5 years prior to entrance to the program.</i>	

NOTE: A 2.0 GPA is required in all nursing, science and related instruction courses in the program.

It is strongly suggested that students complete related instruction support courses prior to entrance to the program. If not, the courses must be completed in the quarter listed.

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

NUR 100	Pharmacology for Nurses I	1
NUR 101	Nursing I: Fundamentals of Nursing	4
NUR 102	Nursing II A: Medical/Surgical Nursing	2
NUR 103	Nursing III: Medical/Surgical Nursing	3
NUR 110	Trends & Issues I	1
NUR 111	Nursing Practice I	3

NUR 112	Nursing Practice II	3
NUR 113	Nursing Practice III	4
NUR 122	Nursing IIB: Psychosocial Nursing I	2
NUR 123	Pharmacology for Nurses II	1
NUR 135	Pharmacology for Nurses III	1
NUR 160	Pathophysiology I	1
NUR 161	Pathophysiology II	1
NUR 201	Nursing VI: Psychosocial Nursing II	2
NUR 204	Nursing IV: Obstetric Nursing	3
NUR 205	Nursing V: Pediatric Nursing	3
NUR 206	Nursing VII: Medical/Surgical Nursing	2
NUR 207	Nursing VIII: Medical/Surgical Nursing	3
NUR 211	Nursing Practice VI	3
NUR 214	Nursing Practice IV	3
	- OR -	
NUR 215	Nursing Practice V	3
NUR 216	Nursing Practice VII	3
NUR 217	Nursing Practice VIII	5
NUR 219	OB/Peds Cross-Training: Assessments & Interventions	1
NUR 220	Nursing Leadership Seminar	1
NUR 230	Trends & Issues II	2
NUR 240	Pharmacology for Nurses IV	1
NUR 241	Pharmacology for Nurses V	1
NUR 260	Pathophysiology III	1
NUR 261	Pathophysiology IV	1
NUR 285	Gerontology for Nurses	1

RELATED INSTRUCTION

ANP 214*	Anatomy & Physiology II	5
ENG 102	Composition	5
NTR 150	Human Nutrition	5
PSY 206	Developmental Psychology	5
	<i>* ANP 214 MUST be taken within 5 years prior to entrance to the program.</i>	

OPTIONAL

AHE 150	HIV/AIDS Education	1
	Computer Course	3

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.

NUR 106	LPN/RN Transition	4
NUR 120	LPN/RN Transition: Assessments & Interventions	1
NUR 140	Pharmacology for LPN/RN Transition	2
NUR 162	Pathophysiology for LPN/RN Transition	2

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

OPH 115	Ocular Science	3
OPH 116	Clinic & Office Procedure	4
OPH 120	Ocular Instrumentation	4
OPH 122	Optical Concepts & Devices	2
OPH 130	Refractometry	6
OPH 197	Work Experience: Ophthalmic Technician	4

RELATED INSTRUCTION

ANP 128	Survey of Anatomy & Physiology	5
ENG 101	Composition	5

TOTAL CREDITS		33
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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

OPH 100	Orientation to Ophthalmic Dispensing	2
OPH 101	Optical Theory I	5
OPH 102	Optical Theory II	4
OPH 103	Optical Theory III	3
OPH 105	Ocular Anatomy & Physiology	3
OPH 106	Contact Lens Technology I	5
OPH 107	Ophthalmic Dispensing I	5
OPH 108	Ophthalmic Dispensing II	5
OPH 110	Optical Lab Technology I	3
OPH 111	Optical Lab Technology II	3
OPH 112	Optical Lab Technology III	3
OPH 113	Finishing I	5
OPH 197	Work Experience: Opticianry	3
OPH 198	Work Experience: Opticianry	3
OPH 199	Work Experience: Opticianry	3
OPH 203	Contact Lens Technology II	5
OPH 204	Contact Lens Technology III	6
OPH 205	Contact Lens Technology IV	2
OPH 211	Finishing II	5
OPH 212	Finishing III	5
OPH 215	Benchwork Procedures	3
OPH 295	Ophthalmic Dispensing Business I	3
OPH 296	Ophthalmic Dispensing Business II	3
OPH 297	Ophthalmic Dispensing Business III	3
OPH 299	Comprehensive	7

RELATED INSTRUCTION

AHE 165	Medical Terminology I	3
CMN 105	Perspectives on Communication (Formerly CMN/SPE 100)	5
BUS 101	Intro to Business	5
- OR -		
BUS 185	Small Business Management	5
- OR -		
BUS 103	Personnel Management	3
PSY 110	General Psychology	5
- OR -		
PSY 206	Developmental Psychology	5
- OR -		
PSY 220	Psychology of Human Relations	3
ENG 101	Composition	5
MAT 110	Applied Math for Technicians	3
MIC 101	Intro to Microcomputer Applications	4
TOTAL CREDITS		123-127

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**

PHO 111	Basic Camera Techniques	3
PHO 112	Advanced Camera Techniques	3
PHO 121	Basic Science & Photo Lab Procedures I	4
PHO 122	Photo Lab Procedures	3
PHO 125	Photo Lab Workshop I	3
PHO 126	Photo Lab Workshop II	3
PHO 131	Basic Photo Lighting	4
PHO 132	Advanced Photo Lighting	3
PHO 210	Digital Imaging	3
PHO 211	Basic Commercial Photography	4
PHO 213	Photo Illustration II	4
PHO 214	Advanced Photo Illustration II	3
PHO 215	Editorial Photography	3
PHO 221	Advanced Photography Techniques	3
PHO 225	Photo Lab Workshop III	3
PHO 226	Photo Lab Workshop IV	3
PHO 231	Basic Color Photography	3
PHO 232	Color Photography II	3
PHO 233	Advanced Color Photography I	3
PHO 234	Advanced Color Photography II	3
PHO 243	Studio Management	3
PHO 244	Portraiture II	3
PHO 245	Portraiture III	3
PHO 281	Portfolio Preparation	4
PHO 291	Individual Projects	4

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
	<i>Select 12 credits from any business, social science, math, or science courses.</i>	
	<i>* IMC 297-299 includes BUS 185, IMC 100, IMC 101, MIC 101 and SOC 120.</i>	

TOTAL CREDITS		112
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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
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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

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

RELATED INSTRUCTION

AHE 150	HIV/AIDS Education	1
ANP 128	Survey of Human Anatomy & Physiology	5
ENG 101	Composition	5
ENG 102	Composition	5
PSY 110	General Psychology	5
- OR -		
PSY 206	Developmental Psychology	5

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

SHS 100	Intro to the Human Services	5
SHS 103	Survey of Institutions	5
SHS 106	Principles of Interviewing & Counseling	5
SHS 108	Group Dynamics & Counseling	5
SHS 197	Field Placement: Social and Human Services	3
SHS 198	Field Placement in Human Services	3
SHS 199	Field Placement in Human Services	4

HUMAN SERVICES SPECIALIZATIONS

Select 30 credits from the following classes:

SHS 150	AIDS Workshop	1
SHS 200	Advanced Counseling Techniques	4
SHS 205	Crisis Management & Intervention	3
SHS 207	Behavior Management	3
SHS 210	Multicultural Counseling	3
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	5
SHS 235	Intro to Chemical Dependency	5
SHS 242	Mental Health Diagnosis in Chemical Dependency & Other Human Service Settings	5
SHS 245	Mental Health Overview	3
SHS 250	Client & Community Advocacy	4
SHS 255	Dual Diagnosis (MICA): Treatment Issues & Services	5
SHS 265	Management & Supervision	5
SHS 270	Law & Ethics in Chemical Dependency	3
SHS 275	Chemical Dependency & Domestic Violence	3
SHS 280	Chemical Dependency Case Management	3
SHS 296*	Human Services Workshop	1
SHS 297*	Human Services Workshop	2
SHS 298*	Human Services Workshop	3
SHS 299	Independent Study or Research	1-5

** 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 250 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 Age Appropriate Activities & Environments 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 and 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 252 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 150* HIV/AIDS Workshop 1
SHS 210* 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 5
SHS 235* Intro to Chemical Dependency 5
SHS 270* Law & Ethics in Chemical Dependency 3

SHS 280*	Chemical Dependency Case Management	3
SHS 296**	Human Services Workshop	1-3
	<i>** In the topic areas of Multicultural Counseling, Adolescent Assessment & Relapse Prevention.</i>	

FIELD PLACEMENT COURSES

CDS 197	Field Placement in Human Services	3
CDS 198	Field Placement in Human Services	3
CDS 199	Field Placement in Human Services	4

GENERAL EDUCATION COURSES

ENG 101	Composition	5
PSY 110	General Psychology	5
PSY 206	Developmental Psychology (Lifespan)	5
- OR -		
PSY 207	Developmental Psychology (Adolescent)	5

TOTAL CREDITS		66-71
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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

STT 111	Surgical Technology Lab	5
STT 113	Surgical Technology I	8
STT 115	Clinical Orientation	2
STT 123	Surgical Technology II	14
STT 125	Clinical Practice I	5
STT 133	Surgical Technology III	5
STT 135	Clinical Practice II	8

RELATED INSTRUCTION

AHE 117	Medical Terminology I	1
AHE 127	Medical Terminology II	1
AHE 137	Medical Terminology III	1
ANP 128	Survey of Anatomy & Physiology	5
ENG 101	Composition	5

TOTAL CREDITS		60
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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

TEC 110	General Editing	4
TEC 120	Principles of Developmental Editing	5
TEC 130	Style Guides & Visual Design	4
TEC 140	Mapping Information/Architecture	4
TEC 150	Specialization	4
TEC 197	Work-Based Learning	5
- OR -		
TEC 299	Independent Study	5
TEC 200	Senior Seminar I	5
TEC 220	Senior Seminar II	5
TEC 230	Technical Communications Seminar	4
TEC 294	Copy Editing/Writing I	5
TEC 295	Copy Editing/Writing II	5

RELATED INSTRUCTION

CIS 136	UNIX Operating System	5
- OR -		
CIS 142	C Programming	5
- OR -		
CIS 172	Visual Basic I	5
DES 251	Multimedia I	3
ENG 294	Copy Editing/Writing I	5
ENG 295	Copy Editing/Writing II	5
HUM 105	Intercultural Communications	5
MAT 107	Mathematics: A Practical Art	5
MIC 104	Using Computers II	2
MIC 110	Program Design & Development in Visual Basic	4
PHI 120	Intro to Logic	5

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

EET 161	DC Principles of Electronics	5
EET 163	Solid State Electronics I	5
WCT 101	Intro to Wireless Systems	4
WCT 120	Information Systems	4
WCT 121	Engineering Electromagnetics I	5
WCT 122	Engineering Electromagnetics II	5
WCT 197	Work Experience	5
WCT 199	Seminar I, II, & III	4
WCT 225	Signaling	5
WCT 227	RF Modulation	4
WCT 230	Network Transport	4
WCT 231	Wireless Engineering	5
WCT 232	Air Interface Protocols	5

RELATED INSTRUCTION

BUS 101	Intro to Business	5
- OR -		
BUS 102	Business Organization & Management	3
CIS 290	Intro to UNIX	3
ENG 101	Composition	5
HUM 105	Intercultural Communication	5
MAT 116	Applications of Mathematics to Management, Life and the Social Sciences	5
MAT 117	Elements of Calculus	5
MIC 101	Intro to Microcomputer Applications	4

TOTAL CREDITS 90-92

TOTAL CREDITS 91

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.

WCO 110	Intro to Professional Woodworking	18
WCO 150	Basic layout, blueprints, cabinet construction, safe shop practices	18
WCO 150	Advanced layout, blueprints, machinery, hardware, laminates, machine safety	18
WCO 150	Advanced layout, blueprints, cabinet construction, machinery, hardware, laminates, on-the-job safety	18
WCO 150	Student optional projects w/permission of instructor	18
WCO 150	Selected class projects (Optional - Instructor approval required)	18

RELATED INSTRUCTION

ENG 105	Applied Communication	3
MAT 110	Applied Math for Technicians	3
MIC 103	Intro to Computers on the Macintosh	3
PSY 220	Psychology of Human Relations	3
WCO 120	Construction & Maritime First Aid	1

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.

WCO 110	Intro to Professional Woodworking	18
WCO 140	Concrete forms & footings, floor systems, safety on the job	18
WCO 140	General frame construction, roof framing, safe staging, working at heights	18
WCO 140	Finish work, setting windows & doors, machine safety	18
WCO 140	Selected class projects (Optional - Instructor permission required)	18

RELATED INSTRUCTION

ENG 105	Applied Communication	3
MAT 110	Applied Math for Technicians	3
MIC 103	Intro to Computers/Macintosh	3
PSY 220	Psychology of Human Relations	3
WCO 120	Construction & Maritime First Aid	1

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.

RELATED INSTRUCTION

MIC 203	Intro to CADD	3
WCO 160	Architectural Blueprint Reading & Cost Estimating for the Building Trades	3
WCO 164	Roof Framing & Stairbuilding	2
WCO 167	Fine Furniture Making I	4
WCO 197	Work Experience – Wood Construction	5-15

or any ACC, BUS, CSC, HDC, MIC, MTS, OFO, TDR or liberal arts course.

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 110	Intro to Professional Woodworking	18
WCO 130	Lofting, layout, patterns, elements of design, basic joinery, safe shop practices, bevels, & the bandsaw	18
WCO 130	Fiberglass lay-up, safe shop practices w/fiberglass materials, personal safety, & fiberglass repair	18
WCO 130	Fiberglass fitting out, machine safety, fiberglass repair, spray gun use & maintenance	18
WCO 130	Wood boat construction, estimating & bidding, shop practices, safe use of equipment & compounds	18
WCO 130	Wood boat construction, fitting out, material selection, interior & exterior joinery	18

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	2-5
AHE 197	Allied Health	2-5
AHE 198	Allied Health	2-5
AHE 199	Allied Health	2-5
BIO 197	Internship in Biotechnology	3-5
BUS 197	Business Occupations	2-15
CHA 197	Work Experience: Community Health Advocate	2-5
CHE 197	Chemistry	2-5
CIS 197	Computer Information Systems	2-5
CMS 197	Community Service	2-3
CMS 198	Community Service	2-3
CMS 199	Community Service	2-3
COM 197	Film & Video	2-5
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	2-5
EDU 197	Education	2-5
EDU 198	Education	2-5
EDU 199	Education	2-5
GPT 197	Graphic Imaging/Printing Technology	2-5
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	2-5
OPH 198	Opticianry	2-5
OPH 199	Opticianry	2-5
PHO 197	Photography	2-5
RCP 196	Respiratory Care	2-5
RCP 197	Respiratory Care	2-5
RCP 198	Respiratory Care	2-5
RCP 199	Respiratory Care	2-5
SAL 197	Sales Occupations	2-15
SCI 197	Science	2-15
SHS 197	Work Experience: Social & Human Services	2-5
SHS 198	Work Experience: Social & Human Services	2-5
SHS 199	Work Experience: Social & Human Services	2-5
SSC 197	Social Science	2-15
WCO 197	Wood Construction	2-15
WCT 197	Wireless Telecommunications	2-8

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JEFFREY WATTS,

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 Washington.

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 Film and Video Communications:**
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 College of Buffalo.

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School Certificate; Community College Vocational
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