



Seattle Central

Community College



Welcome

We are proud to be Seattle's *first* community college. Since 1966, the college has served the higher education and training needs of more than 500,000 students.

Seattle Central is perched atop Capitol Hill in the heart of Seattle. As the only community college in downtown Seattle, our campus is easily accessible by bus or car from any part of town. Once class is done, it's a short walk to shopping, dining, and entertainment.

Last year, we were recognized by the *New York Times* as a community college of choice for ambitious, high-achieving students. Each year, several hundred students transfer from Seattle Central to one of Washington's public or private baccalaureate schools, with nearly one-half of all transfers going to the University of Washington-Seattle. We also offer hands-on training in 30 professional/technical programs in high-demand fields such as biotechnology, dental hygiene, information technology, wood construction, apparel design, and many more.

Today, students from throughout the greater Seattle area and more than 50 nations attend Seattle Central. Please visit us in person or on our website: www.seattlecentral.edu. Whether you want to pursue a second career, begin your college education, or prepare to transfer to a four-year college, we have a place for you.

Medred W. Allie

President, Seattle Central Community College



GETTING STARTED at Central

Admissions	(206) 587-5450
International Students	(206) 587-3893
Financial Aid	(206) 587-3844
Information Center	(206) 587-3800
Registration	(206) 587-6918
TTY (Information Center)	(206) 587-4395

MISSION

Seattle Central Community College promotes educational excellence in a multicultural urban environment. We provide opportunities for academic achievement, workplace preparation and service to the community.



FACTS at a Glance*

Annual attendance 2006-2007 17,627

FALL 2007 PROFILES

Students**

Median age	26.3
Ethnic diversity	51%
Male/female	41%/59%
With bachelor or higher degrees	15%
Employed	66%
full-time	34%
With dependents	22%
single parents	7%
Full-time/part-time attendance	43%/57%

Programs

College Transfer	42%
Professional/Technical	29%
Basic Skills	14%
Continuing Education & Other	16%

Courses

State-funded	87%
Contract-supported	3%
Student-supported	10%

Special Enrollments

Distance Learning	2,752
Running Start	531
International Students	1,286
Worker Retraining	329

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

Specialized TRAINING CENTERS

Seattle Maritime Academy

4455 Shilshole Ave NW, Seattle, WA 98107
(206) 782-2647

Seattle Maritime Academy is located on the working waterfront of the Lake Washington Ship Canal, where it is a regional resource for Coast Guard-approved training courses and entry-level Engineering and Deck courses. The Academy offers certificate programs in Marine Deck Technology and Marine Engineering Technology, as well as community service training in a variety of marine-related subjects. The Academy also provides customized training under contract to private sector companies, government agencies, military units and unions.

Wood Construction Center

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

The Wood Construction Center has trained northwest woodworkers since 1936. Programs include core training in safety, skills, tools and materials, and specialization in Cabinetmaking, Carpentry or Boat Building, in which students can earn either an Associate of Applied Science degree or a certificate. The Center also offers evening community education classes at a variety of skill levels.

Academic & Student SUPPORT SERVICES

ADVISING Center

(206) 587-4068

The Advising Center helps students select classes based on the student's background and test results. Advisors provide students with up-to-date academic information before and during registration. They help students select courses that meet their individual academic goals as well as the requirements for two-year degrees and/or transferring to a four-year institution.

CAREER Services

Career Information Center

(206) 344-4383

The Career Information Center provides career exploration assessments and web-based resources, college program information, college major relationship to careers, and books and publications on a wide variety of career-related topics. In addition, the center coordinates and delivers career-related presentations in classrooms and the community and offers scholarship and grant information, applications and assistance.

Career Placement Center

(206) 344-4383

The Career Placement Center offers the following resources and services to enrolled students: individual career counseling; job/work-study listings; job search information; résumé and employment letter critiques; on-campus employer/agency recruiting visits; an annual career fair; and access to a computer for résumé and cover letter preparation for other career-related searches.

CLASS SCHEDULE Quarterly

Each college produces a quarterly Class Schedule which lists the specific courses being offered that quarter. This schedule is available approximately six weeks before the start of each quarter in both printed and online formats. To receive a printed copy, call (206) 587-3800 to be put on the mailing list. To view or download the online class schedule, visit www.seattlecentral.edu/course/class-schedule.php.

COLLEGE SUCCESS Program

(206) 516-3169

The College Success Program serves former foster youth. It can provide financial assistance and support services during college. Visit room 4174 for more information and to sign up for the program.

COLLEGE TRANSFER Center

(206) 587-5469

Services in the College Transfer Center are available to all registered Seattle Central students who want to transfer to a four-year college or university to pursue a bachelor's degree. The Transfer Center enables Seattle Central students to learn about transfer opportunities and to meet representatives from local and national four-year schools at college fairs, events and workshops each quarter.

The Center houses college catalogs, transfer guides, applications, and transfer planning materials. There are two student computers to help students conduct college searches, complete online applications and write transfer essays.

The staff is available to answer questions and provide support throughout the transfer process.

COMPUTER Center

(206) 587-4194

The Computer Center is available to all Seattle Central students and has PC and Macintosh computers. Current Seattle Central enrollment, a thumb drive, and payment of the Universal Technology Fee and/or the Computer Lab fee are required. Students without computer experience are encouraged to enroll in one of the MIC 102 introductory short courses. Free introductory workshops sponsored by student leadership are also offered in the Computer Center.

COUNSELING Services

Student Development

(206) 587-3851

Counseling services at Seattle Central include educational, career and personal counseling. The primary goals of counseling are the retention of students and facilitating access. Counselors teach students strategies to develop critical thinking skills, set academic goals, develop skills for employment, engage in life-long learning, maintain personal wellness, and learn to interact in a diverse environment. Counselors work in divisions throughout the college and in the Counseling Center, room 1102, C6.

DISABILITY Support Services

(206) 587-4183 (V/TTY)

The role of the Disability Support Services office is to provide physical and academic accommodations to persons with documented disabilities. This office obtains and files disability-related documents, certifies eligibility for services, helps determine academic adjustments, and consults for the provision of such accommodations. Academic adjustments are provided to ensure access to all community college courses, programs, counseling, activities and facilities.

Disability Support Services provides or arranges a variety of auxiliary services such as sign language interpreters, assistive technology, exam modifications, and academic assistance. To avoid delays, auxiliary requests such as Braille and books on tape require six weeks advance notice. Interpreting services for ongoing classes require four weeks notice and interpreting services for special requests or one-time services need at least one week notice.

Located in BE 1140, this office also offers consultations to faculty and staff to help design accommodations that provide equal access.

(Please see page 39 for specific details and additional information on eligibility and policies.)

INTERNATIONAL EDUCATION Student Services

(206) 587-3893

This student services office can help international students get started in their educational programs and adjust to the Seattle area. It offers advising, counseling, activities and additional resources.

See page 22 for additional information about International Programs.

LIBRARY & MEDIA SERVICES

Circulation (206) 587-4050

Reference (206) 587-5421

Media (206) 587-4053

www.dept.sccd.ctc.edu/cclb/

Library & Media Services is located in BE2101. The library offers a wide range of information resources and services. Resources include collections of books, ebooks and periodicals, DVDs, CDs, online databases, and Internet access. Study rooms, photocopiers, media equipment, wireless laptop computers and open lab computers are also available. Students may connect their own computers to the Internet via wi-fi.

Librarians teach library research credit courses and workshops and provide reference services for those seeking individual research help.

MULTICULTURAL Initiatives

(206) 587-4085

Seattle Central's diverse population of students are supported by many offices in achieving their academic goals. Multicultural Initiatives promotes institutional responsiveness to the needs of students of color and students of diverse cultural backgrounds. The office develops innovative projects, collaborates with other college departments and divisions on multicultural programs and activities, presents professional development activities on multiculturalism and diversity, and disseminates information on diversity resources for students, faculty and staff. Programs such as the annual Students of Color Leadership Institute help new students access college support services and introduce them to college success skills that include math, writing, career development, multicultural leadership and study skills.

SENIOR ADULT Education

Washington state residents 60 years old or older may register for up to two courses taken for either audit or credit at a fee of \$5.00 per class. Seniors register on a space-available basis beginning the second week of the quarter but prior to the tenth day of the quarter. Students should attend class the first week of the quarter with instructor permission while waiting to find out if class space is available. If the instructor allows the student to attend, the student should pick up an enrollment form from the registration or information center to obtain instructor's signature to enroll. Students are responsible for any additional charges, such as I.D. card, lab fees, activity fee, transportation fee, books or supplies. When seniors enroll for more than two courses, they pay for the additional credits at regular tuition rates.

Student ACADEMIC ASSISTANCE Department

(206) 587-3852

Student Academic Assistance, a Trio program funded by the U.S. Department of Education, promotes the success of low-income and/or first-generation students, or students with disabilities. It provides support services which include personal, academic and career counseling, transfer advising, visits to colleges and universities, personal growth and study skills workshops and tutoring services. SAA is located on the first floor near Advising 1102B.

TESTING Office

GED (206) 587-6915
Office Information (206) 587-6344
www.seattlecentral.edu/testing/

The Testing Office offers Math and English placement tests, ASL placement tests, GED exams and exam proctoring services for other institutions. Testing schedules and detailed descriptions of each exam offered are available by phone and by clicking on "schedule" on the website.

TUTORING Services

College-wide Tutoring

(206) 587-5463 or 587-3852

Seattle Central's college-wide tutoring service provides one-to-one and group tutoring in all content areas. Tutors assist students in recognizing their success and thereby building positive attitudes toward learning. Tutors will collaborate with faculty to help students understand assignments and provide support to students through tutoring and the development of skills necessary for academic success in the classroom. The College-wide Tutoring Center is located on the mezzanine (2nd floor) of the Edison Building and on the first floor of the Science & Math Building for science and math tutoring.

VETERANS' AFFAIRS

(206) 587-4147

For a complete description of the educational benefits available to veterans and their dependents, as well as assistance for students interested in pursuing careers in the military, visit the Veterans Affairs website at <http://www.va.gov>.

For information about using VA benefits to attend Seattle Central Community College or how to qualify for a Veteran's tuition discount, contact the Veterans' Coordinator at Broadway-Edison Building Room 1104C.

WOMEN'S PROGRAMS

(206) 587-3854

www.seattlecentral.edu/womens-prog

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. Women's Programs place a special emphasis on support for low-income returning women students and women pursuing non-traditional career options. Financial assistance for tuition, books and emergency funds is available to students who qualify. Students can access program information on the website.

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 sponsor student organizations such as Women in Science and Engineering (WISE) and EMPOWR (Empowerment Means Political Organizing for Women's Rights), which promotes and supports education, awareness, participation and activism

on political issues facing women and low income-individuals. A lending library provides resources for students interested in women's issues. Campus and community resources can also be accessed through Women's Programs.

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

WORKFIRST Programs

801 E. Pine, Room 202
Seattle, WA 98122
(206) 587-3854

WorkFirst Services, which is coordinated by Women's Programs, primarily assists parents who are receiving public assistance through the Temporary Assistance for Needy Families (TANF) program, and who wish to improve their job skills and further their education. Services include tuition assistance for low-income parents and WorkFirst Work Study. Services are also available to other low-income parents. WorkFirst classes and services are free to eligible students. Seattle Central's current WorkFirst programs include:

CUSTOMIZED JOB SKILLS TRAINING

Seattle Central works with local employers to offer time-limited training programs to WorkFirst participants, who may choose to obtain employment or continue educational programs to increase marketable skills (or both). Intensive job placement assistance for participating students is provided upon program completion.

WORKFIRST WORK STUDY

The WorkFirst Work Study Program provides "on-the-job" work experience and additional income for WorkFirst students in conjunction with job skill courses, GED preparation or other basic skills courses.

TUITION ASSISTANCE FOR WORKING PARENTS

The WorkFirst Program provides funds for tuition, fees and books for eligible low-income working parents to take job skills courses and programs, when other financial aid is not available. For more information on specific educational opportunities or for consideration for these programs, please contact the Seattle Central's Woman's Programs and WorkFirst Office.

Student LIFE

ART Gallery

M. Rosetta Hunter Art Gallery

(206) 344-4379

The Art Gallery, located in the Atrium, is an educational exhibition space which enhances the academic goals and contributes to the cultural enrichment of the institution with exhibits and activities reflecting and serving our multicultural population. The Gallery presents approximately 12 exhibits through the academic year, and one show in the summer. Many feature the work of Seattle Central students.

Hours: 9:30 a.m. to 3:30 p.m., Monday through Friday
5 p.m. to 7 p.m., Tuesdays and Wednesdays

BOOKSTORE

(206) 587-4148

<http://seattlecentral.bkstore.com>

The Bookstore is located across the street from the main college building on Broadway. The bookstore is well stocked with new and used textbooks, general interest books, school supplies, school spirit clothing, gifts, snacks and personal care items. The Bookstore offers a textbook buy-back service every day with a special student buy-back during final exam week of each quarter. Hours of operation and online textbook and merchandise ordering are available on the website.

CHILDCARE Center

(206) 587-6901

The Childcare Center is located in room BE1113 and is certified to care for children ages 18 months through 5 years of age. The Center provides quality care with developmentally appropriate and culturally relevant activities for children of student-parents. The teacher-to-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. Open enrollment for the waiting list is generally on the 8th Wednesday of the proceeding quarter. Student-parents are responsible for re-enrolling their children each quarter. Call for registration dates.

COPY Center

(206) 587-5419

Copying is done by Copy Center staff or at a self-service copier. Various sizes and colors of paper, including resume-quality, are available. The Copy Center also creates transparencies for classroom presentations. U.S. Fax service is available. The Copy Center is in Room BE 3105A.

ERICKSON THEATRE Off Broadway

The theatre is located at 1524 Harvard Avenue, between Pike and Pine Streets on Capitol Hill. It is an open community performance space. The theatre's intimate size and reasonable cost make it an ideal facility for experimental work, improvisational groups and student productions from Seattle Central's drama department.

FOOD Services

(206) 344-4319

The Atrium Cafeteria is open from 7:30 a.m. until 3:00 p.m. Monday - Thursday and until 2:30 p.m. on Friday. The Atrium features a variety of cafeteria-style food, including a breakfast menu, burgers, pizza, beverages, salads, sandwiches and snacks.

The C-Store (convenience store) is open from 7:30 a.m. until 8:00 p.m. (Mon-Thurs), and until 2:30 p.m. on Friday. The C-Store stocks different types of drinks, snacks, pre-wrapped sandwiches, bakery products and essential school supplies.

The Buzz Espresso Stand by the Broadway entrance welcomes students, employees and visitors to the campus with a wide variety of espresso, coffee and smoothies. It is open from 7:00 a.m. until 8:00 p.m. (Mon-Thurs) and until 2:30 p.m. on Friday. Student-prepared pastries, including specialty desserts and breads, are also available for purchase in The Buzz pastry case during much of the quarter. The Buzz serves over 75,000 cups per year.

During the instructional quarter, students from the Culinary Arts program prepare and serve a variety of specialty menu meals in the Square One and One World restaurants. These are open to the public. Call (206) 587-5424 for menu information.

Please note that summer hours for all food service outlets may vary.

RECREATION & Fitness

Charles H. Mitchell Student Activity Center

(206) 587- 6315 Front Desk Phone Line
www.seattlecentral.edu/sac

The Mitchell Activity Center offers a broad array of recreational and fitness activities including a basketball gym, a running track, indoor squash and racquetball courts, a well-equipped game room, locker rooms with saunas, a full weight room and cardiovascular workout equipment. Free classes that promote health and fitness (weight training, yoga and aerobics) are regularly scheduled.

Hours: 6 a.m. to 9 p.m., Monday through Saturday
 12 p.m. to 5 p.m., Sunday

Membership for non-students is also available.

SAFETY

(206) 587-5442 Campus Security

For all on-campus security issues, call or stop by room BE 1131. For serious emergencies, call 9-911. The students' well-being and safety are of utmost importance.

It is vital 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. Instructors must be notified if the accident occurs during class.

See page 37 for more information on personal safety.

Student ATHLETICS

(206) 527-3745 (Men's) & (206) 527-3773 (Women's)
www.northseattle.edu/services/athletics

The intercollegiate men's and women's basketball teams, the Seattle Community Colleges Storm, are based at North's Wellness Center. These teams compete in the North Division of the Northwest Athletic Association of Community Colleges conference. Students from all three Seattle Community Colleges are eligible to play for the teams. Athletic scholarships for both men and women are granted by the coaches each year.

Student INSURANCE

For information on student injury and sickness insurance, contact the Student Leadership Office at (206) 587-6924. International students should contact the International Programs Office.

See page 32 for information on Student Insurance.

Student LEADERSHIP DIVISION

(206) 587-6924

Mission Statement: The Student Leadership Division facilitates leadership and supports student involvement, creating connections for student success.

Located above the Bookstore, the Student Leadership Division 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:

Associated Student Council

The Associated Student Council (ASC) is the official student government of Seattle Central, and is responsible for representing student interests to the college administration and for facilitating and organizing student committees that enhance students' experience at Central. The ASC consists of six student executives, chosen through a rigorous peer-selection process annually, and six associates who can apply throughout the year to work on specific projects.

Student Ambassador Corps

The Student Ambassador Corps is a team of seasoned student leaders dedicated to encouraging the success of their fellow students by informing them of resources and opportunities available at Central. They also serve the college by assisting with programs and initiatives that arise throughout the year.

College Activities Board

The College Activities Board (CAB) is a team of eight students who develop and organize events and activities on campus that celebrate the diversity of our community, promote student involvement and foster collaboration among student organizations. CAB members gain hands-on experience in all aspects of event planning, including booking, promoting and management.

Leadership Institute

(206) 587-3890

Drop-in training sessions every Tuesday at 1:30 p.m. are open to all students. Facilitated by various Central staff

members, the sessions cover essential leadership topics such as time management, individual core values and listening skills. Students may also take HDC 121: Intro to Leadership (see course descriptions).

Leaders Among Leaders

Leaders Among Leaders is an advanced leadership development program designed to help students elevate their understanding of contemporary leadership theory and practice. Students who successfully complete the program will earn a certificate of recognition.

Phi Theta Kappa

Phi Theta Kappa is the international Academic Honor Society of the Two-Year Colleges. Members of Central's chapter, Alpha Chi Zeta, promote Phi Theta Kappa's mission to recognize and encourage the academic achievement of two-year college students and to provide opportunities for individual growth and development.

Seattle Central Alumni Association

(206) 587-5491

The mission of the Seattle Central Alumni Program is threefold: to connect alumni with current students to help facilitate their career and professional development, to create a sense of advocacy for the college in the community, and to provide opportunities for alumni to give back to Seattle Central through service to the college. Student Leadership coordinates events and contact information.

Student Clubs

Each year Central students form nearly 50 diverse student-run organizations. Start your own club or join a club already formed. A complete list is available in the Student Leadership Office.

Student Organizations Resource Council

The Student Organizations Resource Council (SORC) is a team of six students who facilitate the organization and orientation of Central's club life. This team helps clubs access the information, resources and training available to them through the Student Leadership Office.

Student Committees

Students participate in campus planning and decision-making through involvement in campus-wide committees. Applications for all committees are available in Student Leadership.

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 added to school, job and scholarship applications.

Affiliate Organizations

Student PUBLICATIONS

City Collegian

(206) 587-6959

The City Collegian is the award-winning 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.

TRANSPORTATION & PARKING

Bus Service

Seattle Central Transportation Services
Room BE1112

(206) 587-6931 or 6932

www.seattlecentral.edu/transportation

Due to limited parking and environmental concerns, Central strongly encourages all students to use modes of transportation other than driving alone. Carpooling and bus transportation are strongly encouraged. Central's main campus is well-served by the Metro bus system. Students registered for 10 or more credits are eligible to purchase a reduced price Metro "Go Pass." Transportation benefits are also available to students using Community Transit, Pierce Transit or the State Ferries. For additional information, contact our office or visit the web.

Parking Services

(206) 587-6932

www.seattlecentral.edu/transportation

Student parking in the garage before 12:00 noon is limited to students with Seattle Central carpool permits. Because the supply of parking spaces is often insufficient to meet this demand, a parking space lottery is held each quarter. Student carpools with 3 or more in a vehicle park free with a permit. Inquire at Parking Services.

From 12:00 noon through the evening, single occupant student parking is available either by permit or without permit on a first-come, first-served basis (\$4/day). Purchase permits and get carpool applications at the Cashier's office. For forms, rates and more, visit the web.

The Seattle Central FOUNDATION

(206) 587-5491

www.seattlecentral.edu/foundation

The Seattle Central Community College Foundation, a non-profit 501c3 organization, focuses on helping ensure that Central's students receive the educational access and opportunities they need to fulfill their highest potential through quality education. The Foundation's staff and volunteer Board of Directors actively seek funding to support essential college programs and activities not funded by state or federal monies.

The primary funding priorities of the Foundation are the student scholarship program, the college-wide tutoring program, faculty development, and the childcare scholarship fund. Interested students should contact the Foundation office.

PROGRAMS OF STUDY at Central

8 Educational Directions

- 1 Academics **College Transfer**
- 2 **Adult Basic Education** ESL
- 3 Careers **Professional/Technical**
- 4 **Continuing** Education
- 5 **e-Learning**/Distance Learning
- 6 **High School** Programs GED
- 7 **International** Programs
- 8 **Worker** Retraining

DEFINITION AND RATIONALE of General Education

See page 4.

GENERAL EDUCATION Learning Outcomes

INTRA-PERSONAL LEARNING

- Lifelong learning
- Self-esteem
- Self-reflection
- Self-responsibility

APPRECIATION AND EXPRESSION THROUGH

- Art
- Dance
- Drama
- Literature
- Music

SOCIAL BEHAVIOR

- Social interaction
- Social responsibility

SKILL DEVELOPMENT

- Computer use
- Critical thinking
- Information literacy
- Language proficiency
- Professional-technical skills
- Quantitative skills

KNOWLEDGE OF IDEAS AND ISSUES SHAPING HUMAN HISTORY

- Economic
- Environmental
- Ethical
- Media
- Multicultural
- Scientific
- Social systems

ASSOCIATE OF SCIENCE DEGREE Learning Outcomes

The Seattle Central Community College student completing the A.S. degree should:

- Have college-level knowledge and skills in critical thinking, quantitative analysis, and written composition.
- Have college-level mastery of information literacy and be technologically literate.
- Demonstrate effective oral and written communication, teamwork and collaboration in scientific, mathematical and other settings.
- Have the ability to design and conduct experiments, as well as to analyze and interpret data.
- Understand methods of inquiry specific to traditional and contemporary areas of knowledge in mathematics and the natural and physical sciences.
- Understand the interdisciplinary and multicultural nature of knowledge.
- Demonstrate academic honesty and ethical behavior.
- Be able to appreciate and apply their knowledge of science in the outside world.

1 | ACADEMICS

College Transfer at Central

ACADEMIC PROGRAMS

(206) 587-5469

Seattle Central Community College offers a wide 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 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.

College transfer courses are offered in several disciplines, including:

- Anthropology
- Art
- Astronomy
- Biology
- Business
- Chemistry
- Communication
- Computer Science
- Earth Science
- Economics
- English
- Environmental Science
- General/Biological Science
- Geography
- Geology
- Health
- History
- Humanities
- Journalism
- Mathematics
- Music
- Nutrition
- Philosophy
- Physics
- Political Science
- Psychology
- Sociology
- Theater
- World Languages

These fields of study are grouped among three Areas of Knowledge and are included throughout the A.A. degree curriculum.

See pages 5–10 for more information on A.A. and A.S. degree requirements.

ASSOCIATE OF SCIENCE Transfer Degree

See page 6 for information.

ASSOCIATE OF SCIENCE DEGREE (A.S.)

The Associate of Science (A.S.) is also intended to be a transfer degree. However, there are certain major areas of study in which the student may not be able to take all the courses necessary to transfer with junior standing. Please contact an advisor for more information on this degree program.

ASSOCIATE IN ELEMENTARY EDUCATION DTA/MRP Degree

K-8 Education Pre-Major

Teacher Training/Education Programs
www.teachertrainingprogram.com
 (206) 587-3895

The program is designed for students transferring to a four-year university to pursue a professional teaching degree. It is designed to prepare students for a major-ready transfer (MRP) to B.A. in Elementary Education (K-8) programs in Washington state, by offering courses and specific advising on prerequisites (GPA, WEST-B test and more) needed to enter B.A. in Elementary Education programs in Washington state.

NOTE: A minimum 2.0 GPA in each course and overall 2.0 GPA is required to earn the A.A. degree. However, many competitive programs require a 3.0 or better in program prerequisites as well as an overall average above a 3.0 GPA. Students must check with university education programs for specific GPA information, as it does vary. In addition, students must meet various other university program requirements before entering a B.A. in Education program, including taking the WEST-B test and completing up to 80 hours supervised work with children.

REQUIRED COURSES

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5
MATH 170	Math for Elementary School Teachers I	5
MATH 171	Math for Elementary School Teachers II	5
EDUC 206	Intro to Education	5
CMST& 101	Intro to Communication	5
-OR-		
CMST& 220	Public Speaking	5
HUM 105	Intercultural Communication	5
PSYC& 100	General Psychology	5
PSYC& 200	Lifespan Psychology	5

SUGGESTED COURSES

MIC 106	Software Applications for K-12 Educators	5
Foreign Language courses		10

OTHER COURSEWORK

Credits in distribution and areas of knowledge as required for an Associate in Elementary Education degree.

See advising for specific requirements and information.

ASSOCIATE IN MATH EDUCATION DTA/MRP Program

Secondary (9-12) Math Education Pre-major

Teacher Training/Education Programs
www.teachertrainingprogram.com
(206) 587-3895

This program is a major-ready (MRP) direct transfer degree program, designed for students who want to transfer to a university to earn a degree plus a teaching certificate for secondary (6-12) math. It takes approximately two years to complete based upon full-time enrollment. The program provides a solid foundation for direct transfer to universities that offer a bachelors degree in education with endorsement in secondary math and a teaching certificate in Washington state.

NOTE: An overall 2.0 GPA is required to earn the degree. However, a 3.0 or better in program prerequisites as well as an overall average above a 3.0 GPA will be required for many competitive programs. Some programs require a minimum 2.0 in each transfer course taken. Students must check with universities for specific GPA information as it varies depending upon the university. Students must also meet various other university program requirements before entering a B.A. in Ed program, including taking the WEST-B and WEST-E (subject) math test. The Teacher Training/Education department at SCCC offers a non-credit test prep course to prepare students to take the WEST-B. Please contact the department at 587-3895.

Please see the University Teacher Preparation Program information packet for all additional program requirements, as admission to the university programs are a separate application process. Admittance to Seattle Central's associate degree program does not guarantee admittance to a university B.A in Math Education program.

REQUIRED COURSES

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5
MATH& 151	Calculus	5
MATH& 152	Calculus II	5
MATH& 153	Calculus III	5
MATH 220	Linear Algebra	5
MATH 224	Vector Calculus	5
EDUC 206	Intro to Education	5
CMST& 101	Intro to Communication	5
-OR-		
CMST& 220	Public Speaking	5
PSYC& 100	General Psychology	5

OTHER COURSEWORK

Credits in distribution and areas of knowledge as required for an Associate in Math Education degree.

See advising for specific requirements and information.

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: CHEM& 140, 150, 160
(some majors require only 8 credits)

Engineering: ENGR& 111; ENGR 142, 161, 170, 171;
ENGR& 214, 204, 225, 215, 224

English: ENGL 106; ENGL& 230

Math: MATH& 151, 152, 153; MATH 220, 238

Physics: PHYS& 221, 222, 223

OTHER REQUIREMENTS

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

2 | ADULT BASIC EDUCATION & English as a Second Language

Basic & Transitional Studies Division
(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 prepare for college. Each of the programs in this area is designed to meet a particular set of student needs.

Adult BASIC EDUCATION

Adult Basic Education (ABE) enables adults to improve basic reading, writing, and math skills. Students in this program can start at a level matching 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. Course descriptions are listed under Adult Basic Education (ABE). Tuition is set at \$25 per quarter, determined by the State Board for Community and Technical Colleges.

English AS A SECOND LANGUAGE

English as a Second Language (ESL) classes help non-native English speakers to understand, speak, read, and write English in order to carry out daily activities, get or keep a job, advance in the workplace or continue their educational goals. A wide range of class levels start at level 1 (beginning) and progress through level 6 (advanced). Emphasis is on improving listening, comprehension, pronunciation, vocabulary development and English structure. Tuition is set at \$25 per quarter, determined by the State Board for Community and Technical Colleges.

NOTE: International students take ESL classes offered through International Programs.

College PREPARATORY ENGLISH

This program is designed for students preparing for workforce or academic study at U.S. colleges. The classes help the non-native speaker develop 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 increasingly advanced levels. Two levels of Transitional English as a Second Language are available. Students must qualify for transitional ESL by taking the COMPASS/ESL test. Pre-college level courses require payment of regular college tuition. Course descriptions are listed under Languages & Literature/English/English as a Second Language.

NOTE: International students take ESL classes offered through International Programs.

PRE-COLLEGE Courses

Many students entering college or returning after some time away from studies need additional work to prepare for college-level courses. For these students, the Seattle Community Colleges offer a series of courses in English, mathematics and human development. Placement is determined by performance on entrance tests required for admission to specific college programs. Courses in this category are those numbered below 100. They are described in the course description sections for English, Mathematics, and Human Development. For more information contact the division counselor at (206) 587-5408.

3 | CAREERS Professional-Technical Programs

See pages 57–76 for these programs at Central.

4 | 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.

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. Community Education courses are listed under non-credit classes in Central's quarterly class schedules.

COMPUTER TRAINING Programs

(206) 587-5448

The Computer Training programs work to strengthen a range of skills from introductory computer courses to high-end 3-D animation. A variety of computer training programs that include Microsoft Office Suite, database software, multimedia software, web design, computer programming and networking are available.

3-D 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 3-D animation.

COOPERATIVE EDUCATION and SERVICE LEARNING

(206) 587-5422

The office of Cooperative Education and Service Learning provides students with a variety of resources and opportunities to enhance their academic, professional and personal growth, leadership development and sense of civic responsibility.

Cooperative Education Program

Cooperative Education is an educational program offered to students enrolled in college transfer or workforce education programs. Students are able to earn credit for their jobs (with permission), paid or unpaid internships, volunteer service to the community and international travel/study experiences.

Service-learning

(206) 587-5422

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

The Cooperative Education and Service Learning Office lists internship, volunteer and service learning opportunities as a resource for students and also provides access to organizations who recruit on campus throughout the year.

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. Certified specializations such as Nutritional Therapist, Sustainable Building Advisor, Personal Trainer, and many others 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, computers and professional development can sign up for a variety of non-credit classes from the college's Continuing Education Department.

TEACHER TRAINING/ EDUCATION Programs

(206) 587-3895

www.teachertrainingprogram.com

The office of Teacher Training/Education Programs offers diverse programs related to teacher training and education. The department offers the following credit and non-credit programs and courses:

Teaching English to Speakers of Other Languages Certificate Program (TESOL)

The non-credit TESOL certificate program has been created for those who are interested in teaching English overseas. The program includes a practicum and introduces major approaches and effective methods in the second language acquisition field.

Associate in Math Education DTA/MRP

The math education pre-major is designed for students who want to become middle/high school (secondary) math teachers. It is designed to transfer to a university where you earn your teaching credential.

Associate in Elementary Education DTA/MRP

This K-8 education pre-major is designed for students transferring to a four-year university to pursue an elementary education teaching degree.

Future Math Teacher Para-pipeline Program

This program is open to working paraprofessionals who wish to pursue the associate in math education degree, and transfer to a university to become math teachers. It is a Professional Educator Standards Board alternative route to certification program. The program provides full tuition scholarships and other forms of support.

"Tutors to Teachers" Program

This program is open to Seattle Central students taking college transfer classes who are eligible for state work study. Students are paid a salary to explore the field of teaching through working alongside a math or science teacher as a tutor. Students work in Seattle in middle and high school math and science classrooms.

Teachers for a New Era (TNE) Program

This is a collaborative program between Seattle Central and the University of Washington. The program provides mentors, scholarships and other forms of support for students of diverse backgrounds who are underrepresented in the field of education. The TNE Program pathway reaches from the community college through the UW Masters in Teaching program.

5 | e-LEARNING/ Distance Learning

(206) 587-4060

www.seattlecolleges.edu/distance/

The Distance Learning Office at Central provides information and support services for students taking online, correspondence, television or videocassette courses. Students may take occasional distance learning classes or they may earn an Associate of Arts degree at their own pace while experiencing the same curriculum, content, and challenges as on-campus courses. For students interested in upgrading skills, a variety of non-credit Distance Learning classes are also offered, including computer and information technology courses.

See page 16 for information on distance learning options.

6 | HIGH SCHOOL— COLLEGE

HIGH SCHOOL/COLLEGE LINKS

Running Start

(206) 587-3820

<http://seattlecentral.edu/runstart>

The Running Start program gives high school juniors and seniors whose test scores place them in college level coursework the opportunity to enroll in tuition-free, college-level classes for credit while earning high school credit at the same time.

See page 19 for more information.

TechPrep

(206) 903-3222

Students earn college credit while in high school and start their careers in fields such as computer applications, information technology, marketing, wood construction, business communications and many others. High school courses counted as college credit allow students to earn an Associate of Applied Science or industry-specific certificate faster. TechPrep is tuition-free.

See page 19 for more information.

PRE-COLLEGE Courses

Please see page 11 for these college preparation courses.

GED Preparation

(206) 587-4180

Adults may demonstrate they have reached an education level equal to a high school diploma by taking the General Educational 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, which is accepted by colleges, workforce training programs, unions, and many employers as equivalent to a high school diploma. (See course descriptions under General Educational Development.) Tuition is \$25 per quarter, determined by the State Board for Community and Technical Colleges.

See pages 19-20 and 213 for more information.

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 Standard High School Diploma and the Associate Degree Conversion Diploma. Students planning to work toward a high school diploma should obtain a copy of "Requirements for the High School Diploma" brochure from the Admissions Office for complete information.

See page 20 for details about the diploma options and possible tuition waiver for high school completion.

7 | INTERNATIONAL Programs

INSTITUTE OF ENGLISH

(206) 587-3893

www.seattlecentral.edu/international

The Seattle Central Institute of English (SCIE) is a self-supporting intensive academic English program offering a variety of accelerated English as a Second Language courses and related training for international students. Most SCIE students are either preparing to enter U.S. colleges and universities, or are interested in improving their English language skills for personal or business use in their home countries.

See page 22 for further information.

TRAVEL/STUDY ABROAD

(206) 587-3899

See page 22 for information on district-wide Travel/Study Abroad courses.

8 | WORKER RETRAINING Program

WORKER RETRAINING

The Worker Retraining program offers a variety of services to dislocated workers: individuals who have been laid off and are collecting unemployment insurance, have been issued a WARN notice, are displaced homemakers, or had to close a small business due to the economic turndown. To get a new start on a career, interested individuals should attend a Worker Retraining Orientation Session. Worker Retraining helps recipients to gain new skills in order to return to the workforce in competitive wage jobs. Services may include:

- Tuition assistance (subject to income guidelines and availability of funds)
- Help with applying for other funding such as Federal Trade Act Assistance, NAFTA and regular financial aid
- Educational planning
- Interest assessment
- Career advising/counseling
- Job search skills
- Internships
- Job placement

See page 24 for additional information on the Worker Retraining Program.

Professional / Technical PROGRAMS

Seattle Central Community College offers over 30 degrees and certificates in workforce education areas. These programs, which vary in length from one to seven quarters, are designed to prepare students for careers and/or to expand skills in their career area. Seattle Central Community College is accredited by the Northwest Commission on Colleges and Universities.

APPAREL DESIGN & SERVICES

Business, Information Technologies &
Creative Arts Division
(206) 587-3830

Apparel Design and Services is a full-time, six-quarter program offering an Associate of Applied Sciences degree. Courses are carefully designed to develop skills used in the garment industry, and focus on the technical aspects of apparel manufacturing such as ready-to-wear techniques, several approaches to production of patternmaking, and pattern grading. The program also includes courses in computers, design, color and textiles, alterations, and contemporary tailoring. Five credits of supervised work experience in the industry are required for completion of the program.

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 *.	5
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 *.	4
ADS	243	Textile Technology & Design III	2
ADS	250	Final Line Design & Development.	8

RELATED INSTRUCTION (12-14 CREDITS)

ADS	298	Special Topics in Apparel Design & Services	1-5
BUS	185	Small Business Management *	5
ADS	151	Computer Apps. for Apparel Design I *	3
ADS	152	Computer Apps. for Apparel Design II *	3
PSYC	240	Psychology of Human Relations *.	3

** Classes which meet the Related Instruction requirement.*

TOTAL CREDITS 94

BIOTECHNOLOGY

Science & Math Division
(206) 587-3858

The Biotechnology program provides skills and training for those interested in working at biotechnology companies or research laboratories using biotechnology. Students completing the basic Biotechnology program earn an Associate of Applied Science-T Degree (A.A.S.-T). An Associate of Science Degree (A.S.) may be earned by completing the basic program requirements plus 15 additional credits in the visual, literary, and performing arts category, and 20 additional credits in the individuals, cultures and society category. Consult the Science & Math Division for more information on degree requirements. Students must maintain a minimum 2.0 GPA in their coursework to remain in the program.

Students intending to transfer to a four-year university should take 200-level Biology and the Chemistry course (CHEM) designated for their major.

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

TECHNICAL SPECIALTY COURSES

BIOL&	160	General Biology with Lab *	5
BIOL	102	General Biology II **	5
BIOL	195	Biotechnology Seminar I	1
BIOL	196	Biotechnology Seminar II	1
BIOL	197	Cooperative Work Experience ***	3
BIOL&	260	Microbiology ***	5
BIOL	282	Media & Solution Preparation	2
BIOL	285	Biotechnology I	6
BIOL	286	Biotechnology II	6
BIOL	287	Biotechnology III	6
BIOL	290	General Genetics	5
BIOL	295	Immunology	5
CHEM&	121	Intro to Chemistry †	5
CHEM&	122	Intro to Organic Chemistry †	5
CHEM&	123	Intro to Biochemistry †	5
CHEM	211	Quantitative Analysis for Biotechnology	5
CSC	180	Scientific Computing & Bioinformatics	3
MIC	101	Intro to Microcomputer Applications ††	4

RELATED INSTRUCTION

ENGL& 101	English Composition I	5
ENGL 106	Technical Writing	3
MATH& 141	Pre-calculus I	5

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

** BIOL& 211 may be substituted.*

*** BIOL 128 or ANP 128 or a course higher than BIOL& 211 may be substituted.*

**** May be taken any time during program. BIOL& 260 is recommended before applying for internship positions.*

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

†† Any 4-credit MIC may be substituted.

ELECTIVES

Select 5 elective credits	5
TOTAL CREDITS	95

BUSINESS INFORMATION TECHNOLOGY

Business, Information Technology & Creative Arts Division
(206) 587-3830

The Business Information Technology program prepares students for employment in a wide range of industry specialties requiring information technologies, effective communications, customer relations, and organizational management. The integrated curriculum emphasizes project-based learning, information literacy, diversity, and professionalism. A cumulative GPA of 2.0 or higher is required to attain the BIT Certificate and/or A.A.S. Degree.

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

** BUS 132 prereq 2.0 minimum in BUS 131; BUS 170 prereq of keyboarding 25 net wpm; BUS 171 prereq 2.0 minimum in BUS 170 and key 35 net wpm; BUS 172 prereq 2.0 minimum in BUS 171 and key 45 net wpm*

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

COMPLETION OF CERTIFICATE REQUIREMENTS	49
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RELATED INSTRUCTION

ACCT& 201	Principles of Accounting 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/ Development with Dreamweaver	5
BUS 181	Intro to Desktop Publishing	5
MIC 120	Database, Applications & Design with MS Access	4
CMST& 101	Intro to Communication	5

GENERAL EDUCATION COURSES

Ten credits selected from approved list.	10
Contact the Advising Center.	
TOTAL CREDITS	94

CULINARY ARTS

Seattle Culinary Academy
Hospitality & Culinary Arts Division
(206) 587-5424

Seattle Central's culinary arts program encompasses all skill levels of the restaurant, hotel and food service industries including procurement, sanitation, nutrition, food preparation, service training, and principles of management. Emphasis is on international cuisine while also focusing on sustainability and stewardship of the environment. Students can begin during Fall, Winter or Spring Quarters. The curriculum provides a six-quarter certificate, with the opportunity to earn an Associate of Applied Science (A.A.S.) 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 and choose courses in support of the A.A. degree.

The program offers workforce education 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 minimum 2.0 GPA in all core and related instructional 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.

As part of the mission of the Seattle Culinary Academy, the Summer Quarter includes weekly trips to the Skagit Valley to learn all about “farm to table” practices. Students participate in planting, growing and harvesting produce as well as touring area farms to experience local, sustainable meat, poultry, dairy and fish operations.

This program is fully accredited by the Accrediting Commission of the American Culinary Federation.

Culinary Arts Certificate

TECHNICAL SPECIALTY COURSES

BAK	105	Restaurant Baking: Theory	1.5
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	6
CUL	102	Quantity Cooking: Theory	5
CUL	103	Restaurant Cooking: Theory	5
CUL	104	International Cooking: Theory	4
CUL	111	Intro to Professional Cooking: Practicum	6
CUL	112	Quantity Cooking: Practicum	8
CUL	113	Restaurant Cooking: Practicum	8
CUL	114	International Cooking: Practicum	8
CUL	120	Intro to Wine	2
CUL	151	Sustainable Food System Practices I	1
CUL	152	Sustainable Food System Practices II	1
CUL	153	Sustainable Food System Practices III	1
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	108	Dining Room & Kitchen Management	2
HOS	109	Advanced Customer Service	0.5
HOS	110	Principles of Sanitation	3
HOS	122	Purchasing & Inventory: Theory	1
HOS	123	Food Costing Principles & Application	1
HOS	124	Computerized Menu Planning	1
HOS	150	Measurements & Meanings	3
HOS	201	Functions of Management	2

RELATED INSTRUCTION

BIOL	103	Nutrition for Food Service Professionals	3
ENGL	105	Applied Composition	3
HDC	106	Interviewing, Resumes, Job Hunting, Employer/Employee Interaction	1
MIC	102	Using Computers (Excel)	1
PSYC	240	Psychology of Human Relations	3
TOTAL CREDITS			103

NOTE: Certain courses require concurrent enrollment. Check culinary course descriptions for specifics.

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

Completion of Certificate Requirements 103

RELATED ELECTIVES

Select 16 credits from any CSC, BUS, MIC or college transfer class, or CUL 299 16

TOTAL CREDITS 119

Specialty Desserts & Breads

Specialty Desserts & Breads is a five-quarter program designed to teach 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 during Fall, Winter or Spring Quarters. The curriculum provides a five-quarter certificate, with the opportunity to earn an A.A.S. degree thereafter.

NOTE: The A.A.S. degree may not transfer to a four-year institution; for more information see the division counselor.

Utilizing contemporary methods and state-of-the-art equipment, the comprehensive, hands-on training covers all aspects of baking and pastry, including rustic artisan breads and dough, plated desserts, complex cakes and tortes, croissants and pastries as well as tarts, mousses, truffles, petits fours, wedding cakes and cake decorating, chocolate work, and European specialties. Demonstrations of pulled and blown sugar and intricate decoration and showpieces are also included. The program is fully accredited by the Accrediting Commission of the American Culinary Federation.

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

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	Intro to Culinary Arts: Theory	1.5
CUL	116	Intro to Culinary Arts: Practicum	1
CUL	120	Intro to Wine	2
CUL	151	Sustainable Food System Practices I	1
CUL	152	Sustainable Food System Practices II	1
CUL	153	Sustainable Food System Practices III	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	150	Measurements & Meanings	3
HOS	201	Functions of Management.	2

RELATED INSTRUCTION

BIOL	103	Nutrition for Food Service Professionals	3
ENGL	105	Applied Composition	3
HDC	106	Interviewing, Resumes, Job Hunting, Employer/Employee Interaction	1
MIC	102	Using Computers (Excel)	1
PSYC	240	Psychology of Human Relations	3
TOTAL CREDITS			80

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

Completion of Certificate Requirements 80

RELATED ELECTIVES

Select 16 credits from any CSC, BUS, MIC or college transfer class, or CUL 299			
TOTAL CREDITS			96

DEAF INTERPRETER TRAINING

Health and Human Services Division
V/TTY (206) 344-4347

Also see Interpreter Training Program, page 66.

The Deaf Interpreting Certificate program prepares Deaf individuals 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 prepares students 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 settings in which deaf and hearing people interact.

Students must have successfully completed two years of American Sign Language (ASL& 121-123 and ASL& 221-223) 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
DRMA	112	ASL Theatre	5
LAN	110	Comparative Linguistics: ASL & English	5

RELATED INSTRUCTION

ENGL&	101	English Composition I.	5
HUM	105	Intercultural Communication.	5
SPS	201	Survey of Hearing Impairment.	5
Any 5 credit course meeting the Math Requirement			5

** 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 related instruction courses to remain in the program.

TOTAL CREDITS

76

DENTAL HYGIENE

(206) 587-4186

Health and Human Services Division
(206) 344-4347

Seattle Central's two-year (seven quarter) Dental Hygiene Program is accredited by the American Dental Association. Registered Dental Hygienists are licensed oral health professionals who focus on preventing and treating oral diseases to both protect teeth and gums and patients' total health. Dental hygienists provide direct oral health care services in settings such as private dental offices, public and community health clinics, managed care organizations, correctional institutions, schools, nursing homes, and oral health research facilities.

The range of patient services performed by dental hygienists varies from state to state and may include performing oral health care assessments, educating patients about preventive oral health care techniques, cleaning and polishing teeth, taking and developing x-rays, administering local anesthetics, placing and contouring dental fillings, and providing additional preventive oral care services.

Eighteen students are accepted into the program each fall after successfully completing prerequisites listed below with a 2.5 minimum GPA in each class, completing the program application and participating in the student selection/interview process.

Associate of Applied Science-Transfer Degree (A.A.S.-T)

PREREQUISITES

ENGL& 101	English Composition I	5
ENGL& 102	English Composition II	5
PSYC& 100	General Psychology	5
HUM 105	Intercultural Communication	5
-OR-		
ISP 105	Understanding Intercultural Communications	5
CHEM& 121	Intro to Chemistry	5
CHEM& 122	Intro to Organic Chemistry	5
BIOL& 241	Anatomy & Physiology I	5
BIOL& 242	Anatomy & Physiology II	5
BIOL& 260	Microbiology	5
MATH& 107	Math in Society	5
NTR 150	Human Nutrition	5
SOC& 101	Intro to Sociology	5
-OR-		
ANTH& 206	Cultural Anthropology	5
MIC 101	Intro to Microcomputer Applications * (4)	
	* Recommended if no prior basic computer course or evidence of basic computer skills.	
TOTAL PREREQUISITE CREDITS		60

TECHNICAL SPECIALTY COURSES

DHY 100	Fundamentals of Dental Hygiene I	4
DHY 101	Clinical Dental Hygiene I	3
DHY 102	Health Promotion	2
DHY 103	Dental Radiology I	4
DHY 104	Preventive Dentistry	2
DHY 105	Oral Biology	2
DHY 107	Pharmacology	3
DHY 108	Periodontology I	2
DHY 109	Human Pathophysiology	3
DHY 110	Head and Neck Anatomy	2
DHY 112	Dental Anatomy and Morphology	3
DHY 113	Dental Radiology II	3
DHY 114	Restorative Practice and Materials I	3
DHY 117	Emergency Management	1
DHY 118	Pain Control Anesthesia	4
DHY 119	Restorative Practice and Materials II	3
DHY 120	Fundamentals of Dental Hygiene II	2
DHY 121	Clinical Dental Hygiene II	4
DHY 122	Oral Pathology	2
DHY 130	Fundamentals of Dental Hygiene III	2
DHY 131	Clinical Dental Hygiene III	4
DHY 200	Fundamentals of Dental Hygiene IV	2
DHY 201	Clinical Dental Hygiene IV	8
DHY 203	Ethics and Jurisprudence	2
DHY 208	Periodontology II	2
DHY 215	Selective Populations	2
DHY 217	Community Health Rotation	2
DHY 220	Fundamentals of Dental Hygiene V	3
DHY 221	Clinical Dental Hygiene V	8
DHY 222	Community Health I	1
DHY 223	Community Health II	2
DHY 224	Community Health III	2
DHY 230	Fundamentals of Dental Hygiene VI	3
DHY 231	Clinical Dental Hygiene VI	8
DHY 233	Restorative Practice & Materials III	2
DHY 234	Restorative Practice & Materials IV	2
DHY 235	Restorative Practice & Materials V	2
DHY 236	Restorative Practice & Materials VI	2
DHY 238	Professional Issues	1
DHY 240	Fundamentals of Dental Hygiene VII	2
DHY 241	Clinical Dental Hygiene VII	8

TOTAL CREDITS 122

TOTAL PROGRAM CREDITS INCLUDING PREREQUISITES: 182

NOTE: Eligibility for graduation requires a 2.5 GPA in Related Instruction and Technical Specialty courses.

For further information on health care professions, see www.seattlecolleges.edu/healthcare.

FILM & VIDEO COMMUNICATIONS

Business, Information Technologies &
Creative Arts Division
(206) 587-3830

The Film and Video Communications Program at Central is a two-year, A.A.S. degree program characterized by interdisciplinary teaching and cooperative educational opportunities, with an emphasis on development of technical and creative skills needed to work in the industry. Faculty use current technology in the curriculum and rely on experts from the media industry. Graduates are prepared for entry-level employment as audio, lighting, set, camera and/or production technicians; photojournalists; and producers, directors, editors, and independent video and film makers. For further information, visit www.seattlecentral.edu/proftech/PROvideo.php.

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

DRMA	120	Intro to Acting	5
ENGL&	101	English Composition I	5
ENGL&	102	English Composition II	5
ENGL	150	Writing for the Media: Scriptwriting	5
ENGL	155	Writing for the Media: Advanced Scriptwriting I	3
ENGL	203	Writing for the Media: Advanced Scriptwriting II	3
HIST	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

GRAPHIC DESIGN & ILLUSTRATION

Business, Information Technologies &
Creative Arts Division
(206) 587-3830

This two-year (6-quarter) program combines hands-on computer-based knowledge and skills for employment in the graphic design and illustration field. In classes and up-to-date computer labs, students learn design, typography, illustration, and digital production to prepare them for positions in print and electronic design. 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; in newspaper, retail, corporate, and in-house graphics departments; as freelance print and electronic designers and illustrators; and in design studios assisting in the design and creation of corporate logos, annual reports, posters, brochures and Web graphics.

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

Choose 6 credits from:

BUS	185	Small Business Management	5
NME	110	Integrated Media Communications	6
NME	120	Integrated Media Communications	6
NME	130	Integrated Media Communications	6
MIC	101	Intro to Microcomputer Applications	4
SOC	120	Sociology of the Media	3

- Plus -

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

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

Completion of Certificate Requirements			108
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Related Electives			12
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Select 12 credits from business-related areas: accounting, business, computers, desktop publishing, or college transfer. Contact the Advising Center.

TOTAL CREDITS			120
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INFORMATION TECHNOLOGY

**Information Technology Programs
 (206) 287-5558**

Seattle Central's Information Technology three-to-seven-quarter certificate and Associate of Applied Science degree (A.A.S.-T.) programs prepare students for an industry with a growing need for skilled technicians. IT offers certificates and/or degrees in six areas: Applications Support, Database Administration and Development, Network Design and Administration, Programming, Web Design, and Web Development. After completion of one of the 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.

NOTE: Program courses are under frequent review to maintain industry relevancy. Please check with the division for current program guidelines.

PREREQUISITES

ITC	102	Information Systems Concepts	3
ENGL	106	Technical Writing	3
MATH	119	Mathematics Behind Information Technology *	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
ITC	140	Intro to Computer Hardware†	5
NET	120	Network Essentials†	5

** Web Development, Network Design & Administration, and Database Design & Administration only.*

*** Web Design, Web Development, and Applications Support only.*

† Networking Design & Administration only.

Applications Support

Certificate

TECHNICAL SPECIALTY COURSES

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

RELATED INSTRUCTION

ACCT&	201	Principles of Accounting I	5
BUS	140	Customer Relations	5
MATH	110	Applied Math for Technicians	3

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

Completion of Certificate Requirements			51
ENGL&	101	English Composition I	5
HUM	105	Intercultural Communications	5
MATH	116	Applications of Mathematics to Management, Life & the Social Sciences	5

-OR-

MATH&	107	Math in Society	5
ITC	285	Capstone Project	5
IT Electives			10
Science or Social Science Electives			9

TOTAL CREDITS			90
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Database Administration & Development

This program is currently under review. Contact the division office for more information.

Certificate

ITC	136	UNIX Operating Systems	5
ITC	172	Visual Basic I	5
ITC	280	Web Database	5
ITC	110	Programming Concepts & Fundamentals	5
ITC	134	Computer Operating Systems	5
ITC	140	Intro to Computer Hardware	5
ITC	220	Access Database Development	5
ITC	222	SQL	5
ITC	224	Database Programming	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5
WEB	110	Web Authoring I	4

RELATED INSTRUCTION

BUS	140	Customer Relations	5
TOTAL CREDITS			64

Network Design & Administration

Certificate

TECHNICAL SPECIALTY COURSES

CIS	197	Work Experience	3
ITC	136	UNIX Operating System	5
ITC	151	Network Security	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	200	Enterprise Applications	10

RELATED INSTRUCTION

BUS	140	Customer Relations	5
Approved IT Electives			10
TOTAL CREDITS			78

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

Completion of Certificate Requirements			78
ENGL&	101	English Composition I	5
HUM	105	Intercultural Communications	5
MATH	116	Applications of Mathematics to Management, Life & the Social Sciences	5
Electives			5
TOTAL CREDITS			98

Programming

This program is currently under review. Contact the division office for more information.

Certificate

TECHNICAL SPECIALTY COURSES

ITC	136	UNIX Operating Systems	5
CSC	142	Programming	5
ITC	172	Visual Basic I	5
ITC	110	Programming Concepts & Fundamentals	5
ITC	115	Intro to C++ Programming	5
-OR-			
CSC	143	Computer Programming II	5
ITC	134	Computer Operating Systems	5
ITC	140	Intro to Computer Hardware	5
ITC	216	Programming for the Web	5
ITC	220	Database Development for Programmers	5
ITC	255	Systems Analysis and Design	5
ITC	280	Web Database	5
WEB	110	Web Authoring I	4

RELATED INSTRUCTION

BUS	140	Customer Relations	5
MATH	119	Math Behind IT	3
TOTAL CREDITS			67

Associate of Applied Science – T Degree (A.A.S.-T)

Completion of Certificate Requirements			67
ENGL&	101	English Composition I	5
HUM	105	Intercultural Communications	5
MATH&	107	Math in Society	5
-OR-			
MATH	116	Applications of Mathematics to Management, Life & the Social Sciences	5
ITC	285	Capstone Project Class	5
IT Electives			5
Science or Humanities Electives			5
TOTAL CREDITS			97

Web Design

This program is currently under review. Contact the division office for more information.

Certificate

TECHNICAL SPECIALTY COURSES

ITC	197	Work Experience.	1-2
ITC	180	Project Mgmt. for Information Technology	3
ITC	200	User Interface Design	5
MIC	120	Database Applications & Design with MS Access	4
WEB	105	Working on a Web Team	2
WEB	110	Web Authoring I	4
WEB	112	Typography for the Web	2
WEB	114	Photoshop for the Web	3
WEB	120	Web Authoring II	4
WEB	130	Web Design with Dreamweaver.	3
WEB	150	Intro to Javascript.	3
WEB	160	Writing for the Web.	4
WEB	170	Web Animation Using Flash.	3
WEB	200	Theory of Web Design	3
WEB	205	Web Career Strategies.	2
WEB	210	Advanced Web Design	5

RELATED INSTRUCTION

BUS	140	Customer Relations	5
PHIL&	106	Intro to Logic.	5
TOTAL CREDITS			61-62

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

Completion of Certificate Requirements 61-62			
BUS	240	Internet Law	5
ENGL&	101	English Composition I.	5
HUM	105	Intercultural Communications.	5
MATH&	107	Math in Society.	5
-OR-			
MATH	116	Applications of Mathematics to Management, Life & the Social Sciences	5
ITC	285	Capstone Project	5
Science or Social Science Electives.			5
TOTAL CREDITS			91-92

Web Development

Certificate

TECHNICAL SPECIALTY COURSES

CSC	142	Programming	5
ITC	110	Programming Concepts & Fundamentals.	5
ITC	172	Visual Basic w/ ASP.NET	5
ITC	210	Advanced Web Development.	5
ITC	216	Programming for the Web	5
ITC	220	Database Development for Programmers	5
ITC	280	Web Database	5
ITC	281	Advanced Web Databases.	5
ITC	298	Special Topics.	5
WEB	105	Working on a Web Team	3
WEB	120	Web Authoring II	4
WEB	150	Intro to Javascript.	3
WEB	205	Web Career Strategies.	2
Approved IT Electives			10
TOTAL CREDITS			67

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

Completion of Certificate Requirements 67			
BUS	240	Internet Law	5
ENGL&	101	English Composition I.	5
HUM	105	Intercultural Communications.	5
MATH&	107	Math in Society.	5
-OR-			
MATH	116	Applications of Mathematics to Management, Life & the Social Sciences.	5
ITC	285	Capstone Project	5
TOTAL CREDITS			92

INTERPRETER TRAINING PROGRAM

Health and Human Services Division
(206) 344-4347

Also see Deaf Interpreter Training, page 60.

Seattle Central's Interpreter Training program is one of the few two-year (six-quarter) Associate of Applied Science - T (A.A.S.-T.) 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 as a 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 beginning each Fall Quarter. Applicants are advised to submit applications before the end of Spring Quarter. Students must complete ASL& 121-123 and ASL& 221-223 or show commensurate ability before being accepted into the Interpreter Training Program. Contact the division office for program revisions and the program counselor for application procedures and schedule information.

Associate of Applied Science – T Degree (A.A.S.-T.)

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

* 2.5 GPA required in the previous interpreting class in order to continue in the program.

** 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
ENGL&	101	English Composition I.	5
HUM	105	Intercultural Communication.	5
LAN	110	Comparative Linguistics: ASL and English	5
SPS	201	Survey of Hearing Impairment.	5
MATH&	107	Math In Society.	5

OPTIONAL ELECTIVES

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

TOTAL CREDITS 94

NOTE: Eligibility for graduation requires a minimum 2.5 GPA in all technical specialty and 2.0 GPA in related instruction courses.

MARINE TECHNOLOGY

Seattle Maritime Academy
4455 Shilshole Avenue NW, Seattle, WA 98107
<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.

Marine Engineering Technology

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 equipment. Students 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, culminating in a certificate in Marine Engineering Technology from Seattle Central. Students will also 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 two-thirds of the total required sea service for this license. The MET 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.

Marine Deck Technology

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. Students 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, culminating in a certificate in Marine Deck Technology from Seattle Central. 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. On completion, 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 MDT 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

RELATED INSTRUCTION

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

TOTAL CREDITS 73-77

* *Optional course*

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 (optional course)	2

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
MGO	105	Leadership & Management	3
MGO	119	Marine Mathematics	3
TOTAL CREDITS			63-64

Community Service/Industry Support Courses:

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

Certification Preparatory Courses:

- Lifeboatman
- Master 100 Ton
- Master 200/500/1600 Ton
- Mate 200/500/1600 Ton
- Refrigeration Technician (testing)
- Standard First Aid & CPR

NURSING: R.N. ASSOCIATE DEGREE**Nursing**(206) 587-4123 ■ www.seattlecentral.edu**Health and Human Services Division**

(206) 344-4347

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 Accrediting Commission. The program includes general education courses, nursing theory, lab and clinical practice, and 7 hours of HIV/AIDS education.

New students are accepted into the six-quarter program each fall. See website for application deadlines and admission procedures. Graduates are awarded an Associate of Applied Science – Transfer (A.A.S.-T.) degree and are eligible to take the National Council of State Boards of Nursing Examination (NCEX-RN) and apply for a license as a registered nurse in Washington State.

Any required non-nursing course may be completed before entering the nursing program. For more information contact the division office.

PREREQUISITES

BIOL&	241	Anatomy and Physiology I *	5
BIOL&	242	Anatomy and Physiology II *	5
BIOL&	260	Microbiology	5
CHEM&	121	Intro to Chemistry	5
<i>(or one year of high school Chemistry in the last three years)</i>			
ENGL&	101	English Composition I	5
PSYC&	100	General Psychology	5
<i>Eligible for Math 107</i>			

* BIOL& 241 and 242 MUST be taken within 3 years prior to entrance to the program.

NOTE: A 2.5 GPA is required in each nursing, science and related instruction course in the program.

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

TOTAL PREREQUISITE COURSES	30
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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 and 120.

NOTE: Eligibility for graduation requires a minimum 2.5 GPA in all required technical specialty and related instruction courses.

Associate of Applied Science - T Degree (A.A.S.-T.)**GENERAL EDUCATION NURSING SUPPORT COURSES**

MATH&	107	Math In Society	5
NTR	150	Human Nutrition	5
PSYC&	200	Lifespan Psychology	5

TOTAL GENERAL EDUCATION NURSING SUPPORT COURSES	15
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TECHNICAL SPECIALTY COURSES

NUR	101	Nursing I: Fundamentals of Nursing	5
NUR	102	Nursing II: Medical-Surgical Nursing	3
NUR	103	Nursing III: Medical-Surgical Nursing	4
NUR	111	Nursing Practice I	3
NUR	112	Nursing Practice II	3
NUR	113	Nursing Practice III	4
NUR	122	Psychosocial Nursing I	2
NUR	123	Pharmacology for Nursing	4
NUR	185	Gerontology for Nurses	2
NUR	201	Nursing IV A: Psychosocial Nursing II	2
NUR	206	Nursing IV B: Medical-Surgical Nursing	3

NUR	207	Nursing V: Medical- Surgical Nursing	4
NUR	208	Nursing VI: Developing Family Nursing	6
NUR	211	Nursing Practice IV A	3
NUR	216	Nursing Practice IV B	3
NUR	217	Nursing Practice V	5
NUR	218	Nursing Practice VI	3
NUR	220	Health Promotions & Managing Care in Nursing	2
NUR	230	Transition to Professional Nursing Role	2
TOTAL TECHNICAL SPECIALTY COURSES			63
TOTAL PROGRAM CREDITS INCLUDING PREREQUISITES			108

For further information on health care programs, see www.seattlecolleges.edu/healthcare.

SCHOOL OF OPTICIANRY

School of Opticianry
(206) 344-4321

Health and Human Services Division
(206) 344-4347

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 and have 4 hours of HIV/AIDS education to practice in this field. Entry is during Fall and Winter Quarters only. For more information contact the division office.

NOTE: Prerequisites — Eligibility for ENGL& 101 and MATH 110.

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
CMST&	101	Intro to Communication	5
BUS&	101	Intro to Business	5
-OR-			
BUS	185	Small Business Management	5
-OR-			
BUS	103	Personnel Management	3
PSYC&	100	General Psychology	5
-OR-			
PSYC&	200	Lifespan Psychology	5
-OR-			
PSYC	240	Psychology of Human Relations	3
ENGL&	101	English Composition I	5
MATH	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.

For further information on health care programs, see www.seattlecolleges.edu/healthcare.

PHOTOGRAPHY, COMMERCIAL

**Business, Information Technologies &
Creative Arts Division**
(206) 587-3830

The Commercial Photography program provides comprehensive training for individuals seeking employment in both traditional and digital commercial photography. The program develops strong basic skills in black/white photography and color photography, large format camera techniques, contemporary lighting techniques, studio illustration, digital photography, and electronic imaging. Students learn quality lab procedures including black and white processing as well as digital output, manipulation and enhancement applications. Students gain experience with 4x5 digital backs, a digital service bureau, and our electronic darkroom of networked Mac G-4's equipped for large electronic image files.

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

TECHNICAL SPECIALTY COURSES

PHO 111	Basic Camera Techniques	4
PHO 112	Advanced Camera Techniques	3
PHO 113	Studio Techniques I	3
PHO 121	Basic Science & Photo Lab Procedures I	4
PHO 122	Photo Lab Procedures	4
PHO 123	Location Stock Techniques	3
PHO 131	Basic Photo Lighting	3
PHO 132	Advanced Photo Lighting	3
PHO 133	Retail Photography	3
PHO 141	Professional Lab Survey	3
PHO 142	Conceptual Development	3
PHO 143	Photojournalism	3
PHO 197	Work Experience - Photography	1
PHO 214	Advanced Photo Illustration II	4
PHO 215	Editorial Photography	4
PHO 224	Corporate Communications	4
PHO 225	Photo Lab Workshop III	3
PHO 234	Advanced Color Photography II	3
PHO 235	Professional Business Practices II	3
PHO 244	Portraiture II	4
PHO 245	Portraiture III	3
PHO 254	Portfolio I	4
PHO 255	Portfolio II	4
PHO 256	Portfolio III	4
PHO 266	New Media Workshop	3
PHO 276	Portfolio Workshop	3
PHO 286	Special Projects	3

RELATED INSTRUCTION

IMC 297, 298, 299	Integrated Media Communications *	18
-OR- All 5 Courses Below:		
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
- Plus -		
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 119

PUBLISHING ARTS

**Business, Information Technologies &
Creative Arts Division**
(206) 587-3830

The Publishing Arts Program at Seattle Central combines creative and technical skills which link the latest publishing software with advanced color computer labs (PC and Macintosh) and a full range of digital imaging technology. Students learn all about the publishing industry through a hands-on, team-based experience, earning an Associate of Applied Science (A.A.S) degree or a one-year certificate. Students publish their own designs in the form of posters, brochures, note cards, books, T-shirts and many other commercial-quality products and house their digital portfolio on the web. Students develop professional-level skills in color management, using specialized imaging software, project management, customer service, and small computer network maintenance.

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

TECHNICAL SPECIALTY COURSES

PUB 101	History of Publishing	3
PUB 110	Intro to Graphic Production	3
PUB 111	Intro to Digital Input	3
PUB 112	Intro to Digital Output	3
IMC 297	Integrated Media Communications	5
PUB 120	Graphic Production	3
PUB 121	Digital Workflow	3
PUB 122	Intro to Imaging	3
PUB 123	Intro to Finishing	3
IMC 298	Integrated Media Communications	7
PUB 130	Graphic Production II	3
PUB 131	Digital Workflow II	3
PUB 132	Imaging II	3
PUB 133	Finishing II	3

IMC	299	Integrated Media Communications.	6
PUB	210	Intro to Project Management.	4
PUB	211	Advanced Digital Workflow	4
PUB	212	Production Imaging & Finishing	4
PUB	214	Advanced Digital Processes.	2
PUB	215	Intro to Estimating & Engineering.	2
PUB	220	Advanced Graphic Production	4
PUB	221	Advanced Digital Workflow II	4
PUB	222	Production Imaging & Finishing II	4
PUB	224	Advanced Digital Processes II	2
PUB	225	Project Management	2
PUB	230	Advanced Graphic Production II	4
PUB	232	Production Practicum.	4
PUB	234	Advanced Digital Processes III.	2
PUB	235	Portfolio.	2
PUB	236	Career Building.	2
PUB	197	Cooperative Education.	2
Related Instruction			12
TOTAL CREDITS			114

RESPIRATORY CARE

**Health and Human Services Division
 (206) 344-4347**

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.

NOTE: Because the A.A.S. degree may not transfer, students wishing to transfer to a four-year institution should take college transfer English and science courses and see an advisor.

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. The required 7 hours of HIV/AIDS education is included. New classes begin Fall Quarter only. For advanced placement consideration, contact the division office for specific requirements.

Prerequisites — Eligibility for ENGL& 101 & MATH 110

NOTE: Program courses are under frequent review to maintain industry relevancy. Please check with division for current program guidelines.

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
BIOL	128	Survey of Human Anatomy & Physiology	5
ENGL&	101	English Composition I.	5
ENGL&	102	Composition II.	5
PSYC&	100	General Psychology	5
-OR-			
PSYC&	200	Lifespan Psychology.	5
Elective		5

Select 5 credits from the Social Sciences/Humanities.

TOTAL CREDITS			111
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NOTE: Eligibility for graduation requires a minimum 2.0 GPA in all technical specialty and related instruction courses.

For further information on health care programs, see www.seattlecolleges.edu/healthcare.

SERVICE LEARNING

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

Service Learning is an educational program combining 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. 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

Social & Human Services & Child & Family Studies (206) 587-6900

Health and Human Services Division (206) 344-4347

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.

Options to the Social and Human Services degree are the Chemical Dependency Specialist certificate and the Child and Family Studies certificate or the Associate of Applied Science (A.A.S.) degree with an emphasis in Child and Family Services. For information on entrance requirements and additional coursework, contact the division office.

NOTE: Prerequisite: Eligibility for ENGL& 101 and MATH 084.

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

HUMAN SERVICES CORE

SHS 100	Intro to the Social & 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 & 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	Theories of Counseling	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	Co-Occurring Disorders: 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 8 credits may be applied towards degree.*

RELATED INSTRUCTION

ENGL& 101	Composition I	5
ENGL& 102	Composition II	5
PSYC& 100	General Psychology	5
SOC& 101	Intro to Sociology	5
CMST& 101	Intro to Communication	5
Elective in Social Science or Humanities		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. Designed for students who wish to make a positive impact in their field and in the lives of children and families.

Certificate**SPECIALIZATION CERTIFICATE COURSES**

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

RELATED INSTRUCTION COURSES

ENGL&	101	Composition I	5
HUM	105	Intercultural Communication	5
PSYC&	200	Lifespan Psychology	5
SOC&	101	Intro to Sociology	5
-OR-			
SOC	250	Marriage, Family & Intimate Relationships	5

CFS SPECIALIZATION AREA 12

NOTE: Students may take a total of 12 credits from the specialization areas 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	3
CFS	208	Planning Activities and Spaces for School Age & Youth Programs	3
CFS	215	Science & Technology in School-Age & Youth Programs	3
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	3
CFS	252	Violence Prevention & Community Development with Children, Youth & Families	3
CFS	263	Working with Children with Disabilities	3
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	3
CFS	290	Budget & Finance	1-4
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.

NOTE: Prerequisite—Eligibility for ENGL& 101 and MATH 084.

** Maximum of 3 credits may be applied toward certificate or degree.*

Chemical Dependency Specialist

The Chemical Dependency Specialist program includes an integrated classroom instruction and field-based clinical experience. Students 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.

Prerequisite — Eligibility for ENGL& 101 & MATH 084.

NOTE: Additional courses may be needed to meet state certification requirements. 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
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

** These courses meet current minimum state requirements for registration as Chemical Dependency Counselors with the Department of Health. Certification as a Chemical Dependency Professional with Washington state also requires an associate's degree or its academic equivalent in any area, and 2,500 clock hours of supervised clinical work.*

*** Multicultural Counseling, Adolescent Assessment & Relapse Prevention can be taken as a SHS 296 Human Services workshop.*

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

ENGL&	101	English Composition I	5
PSYC&	110	General Psychology	5
PSYC&	200	Lifespan Psychology	5
-OR-			
PSYC	207	Developmental Psychology (Adolescent)	5

TOTAL CREDITS 67-69

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

SURGICAL TECHNOLOGY

Health and Human Services Division
(206) 344-4347

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 a college instructor and take place in various hospitals in the greater Puget Sound area. Graduation requirements include a minimum 2.0 GPA in each surgical technology course and related instruction and must be completed in the designated quarter to proceed to the next quarter. Entry is during the Fall Quarter only. For more information contact the division office.

Prerequisites — eligibility for ENGL& 101 and 100 level college math.

NOTE: This program is currently under revision. See an advisor.

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
BIOL	128	Survey of Anatomy & Physiology	5
ENGL&	101	English Composition I	5
TOTAL CREDITS			60

For further information on health care programs, see www.seattlecolleges.edu/healthcare.

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, and 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 employment in the cabinetmaking and fine woodworking trades. The curriculum combines technical information with practical shop applications as students learn tools and techniques of the cabinetmaking trade.

WCO	110	Intro to Professional Woodworking	18
WCO	150	Preliminary Cabinetmaking Skills: Planning, Basic Layout & Shop Safety	18
WCO	150	Adv. Layout, Traditional & Contemporary Joinery, Residential & Commercial Cabinetry	18
WCO	150	Custom Furniture Design, Construction: Joinery, Veneering, Jigs, Finishing (Instructor permission required)	18
WCO	150	Personal Projects (Instructor permission required)	18

RELATED INSTRUCTION

ENGL	105	Applied Communication	3
MATH	110	Applied Math for Technicians	3
MIC	103	Computer Applications for Builders	3
PSYC	240	Psychology of Human Relations	3
WCO	120	Construction & Maritime First Aid	1
TOTAL CREDITS			103

Carpentry

Certificate

The Carpentry program prepares students for employment in the home construction, remodeling, and light commercial construction trades. Hands-on shop learning is emphasized and supplemented by classroom instruction.

WCO	110	Intro to Professional Woodworking	18
WCO	140	Concrete Forms & Footings, Floor Systems, & Job Safety	18
WCO	140	General Frame Construction, Roof Framing, 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

ENGL	105	Applied Communication.	3
MATH	110	Applied Math for Technicians	3
MIC	103	Computer Applications for Builders	3
PSYC	240	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 (103 credits) or Carpentry (85 credits) programs, plus 17 credits from electives such as the following courses:

ELECTIVES

MIC	203	Intro to CADD	3
WCO	130	Marine Carpentry (Optional - Instructor permission required).	18
WCO	140	Carpentry (Optional - Instructor permission required).	18
WCO	150	Cabinetmaking (Optional - Instructor permission required).	18
WCO	160	Architectural Blueprint Reading & Cost Estimating for the Building Trades	3
WCO	164	Roof Framing & Stair Building.	2
WCO	167	Fine Furniture Making	4
WCO	197	Cooperative Education - Wood Construction.	5-15

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

TOTAL CREDITS			102-120
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Marine Carpentry (Boatbuilding)

Certificate

The Marine Carpentry (Boatbuilding) program prepares students for employment in boatbuilding, boat repair and related industries. Students work in an actual boat shop environment, building and repairing both wood and fiberglass boats.

WCO	110	Intro to Professional Woodworking	18
WCO	130	Lofting, Layout, Patterns, Design Elements, Basic Joinery, Bevels, Bandsaws, Safety	18
WCO	130	Fiberglass Lay-up & Repair, Personal & Safe Shop Practices with Fiberglass Materials.	18
WCO	130	Fiberglass Fitting Out & Repair, Spray Gun Use, Machine Safety & Maintenance	18
WCO	130	Wood Boat Construction, Estimating & Bidding, Safety of Equipment and Compounds	18
WCO	130	Wood Boat Construction, Fitting Out, Material Selection, Interior & Exterior Joinery.	18

RELATED INSTRUCTION

ENGL	105	Applied Communication.	3
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3
WCO	120	Construction & Maritime First Aid.	1
TOTAL CREDITS			118

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

The A.A.S. degree requires completion of certificate requirements for Marine Carpentry (Boatbuilding) program (118 credits), plus 20 credits from electives such as the following courses:

Completion of Certificate Requirements	118
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ELECTIVES

MIC	103	Computer Applications for Builders	3
MIC	203	Introduction to CADD	3
WCO	140	Carpentry (Optional - Instructor permission required).	18
WCO	150	Cabinetmaking (Optional - Instructor permission required).	18
WCO	160	Architectural Blueprint Reading & Cost Estimating for Building Trades	3
WCO	164	Roof Framing & Stair building	2
WCO	167	Fine Furniture Making	3
WCO	197	Cooperative Education, Wood Construction	3

-OR-

Any ACCT, BUS, CSC, HDC, ITC, MIC, MTS, NET or liberal arts course	5-15
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TOTAL CREDITS	138
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WORK EXPERIENCE/ COOPERATIVE EDUCATION

Cooperative Education & Career Placement (206) 587-5422

Cooperative Education is a “work for credit” program offered to students enrolled in college transfer or workforce education programs. Students earn academic credit for jobs, paid or unpaid internships or volunteer service in the community. Cooperative Education is a coordinated effort among the student, the employing organization, and the college. Cooperative Education 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
BIOL	197	Internship in Biotechnology	3-5
BUS	197	Business Occupations	2-15
CHEM	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
EDUC	197	Education	2-5
EDUC	198	Education	2-5
EDUC	199	Education	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
PUB	197	Publishing Arts	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	Social & Human Services	2-5
SSC	197	Social Science	2-15
WCO	197	Wood Construction	2-15