

# Seattle Central Community College

## Welcome

The first community college in the city of Seattle, Seattle Central Community College has served the higher education and training needs of more than 500,000 students since 1966. Professional-technical certificate and associate degree programs, college transfer and associate degree programs, and a four-year baccalaureate degree in Applied Behavioral Science are all offered through the college.

Seattle Central sits atop Capitol Hill in the heart of Seattle, with easy access by bus or car from any part of town. Light rail is currently under construction to connect the campus to the University of Washington area. The Capitol Hill location offers a wide variety of choices for shopping, dining and entertainment.

At Seattle Central thousands of students have trained for new careers in high-demand areas. The college offers hands-on training in 30 professional-technical programs in fields such as dental hygiene, information technology, wood construction, apparel design, and more.

Seattle Central provides a high-quality college education that is approximately half the price of a four-year college or university. Each year, about 600 students transfer from Seattle Central to one of Washington's public and private baccalaureate schools, nearly one-half of them going to the University of Washington-Seattle.

The Seattle Central community reflects all walks of life and all corners of the globe. More than 50% of Seattle Central students are people of color, and ages range from 16 to 80.

Seattle Central offers opportunities for beginning college students, transfer students, professional-technical students and those seeking second or third careers. Please visit in person or online: [www.seattlecentral.edu](http://www.seattlecentral.edu).



## 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\*

### 2008–2009 ANNUAL PROFILES

Annual attendance 2008-2009 18,173

#### Special Enrollments

Distance Education	2,805
Running Start	491
International Students	1,654
Worker Retraining	541

### FALL 2009 PROFILES

#### Students \*\*

Median age	27.2
Ethnic diversity	53%
Male/Female	44%/56%
With bachelor or higher degrees	14%
Employed	58%
full-time	28%
With dependents	23%
single parents	8%
Full-time/Part-time attendance	66%/34%

#### Programs

College Transfer	43%
Professional-Technical	31%
Basic Skills	18%
Pre-college & Other	8%

#### Courses

State-funded	75%
Contract-supported	6%
Student-supported	19%

## 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 specializations in Cabinetmaking, Carpentry or Boat Building. Students can earn either an Associate of Applied Science degree, a program certificate or a series of skill-specific certificates. The Center also offers evening community education classes at a variety of skill levels.

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

\*\* State-funded

# Academic & Student SUPPORT SERVICES

## ADVISING Center

(206) 587-4068

The Advising Center helps students select classes based on 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

(206) 587-3800

[www.seattlecentral.edu/course/class-schedule.php](http://www.seattlecentral.edu/course/class-schedule.php).

Each college produces a quarterly class schedule listing the specific courses being offered that quarter. This schedule is available approximately six (6) weeks before the start of each quarter in both printed and online formats. Call to receive a printed copy and to be put on the mailing list. To view or download the online class schedule, visit the website.

## 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 BE 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 and Services

(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 lifelong learning, maintain personal wellness, and interact in a diverse environment. Counselors work in divisions throughout the college.

## 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's notice.

Located in BE 1112, this office also offers consultations to faculty and staff to help design accommodations that provide equal access.

*Please see page 43 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 24 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/](http://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, 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 Services

(206) 587-4085

Seattle Central's diverse student population is supported by many offices in achieving academic goals. Multicultural Services 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. The office facilitates such programs as The Annual Students of Color Conference which supports the critical thinking and leadership skills of students of color.

## 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**

(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. The office is located on the first floor near Advising, 1102B.

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## TESTING Office

GED: (206) 587-6915

Office Information: (206) 587-6344

[www.seattlecentral.edu/testing/](http://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.

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## 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 Broadway Edison Building and on the first floor of the Science & Math Building for science and math tutoring.

## VETERANS' AFFAIRS

(206) 587-4147

For information about using VA benefits to attend Seattle Central Community College or how to qualify for a Veteran's tuition discount, visit <http://seattlecentral.org/finaid/veterans.php> or contact the Veterans' Coordinator. The office is located inside the Financial Aid Office, Broadway-Edison Building Room 1104C.

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 U.S. Veterans Affairs website at <http://www.va.gov>.

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## WOMEN'S Programs

801 E. Pine, Room 202

Seattle, WA 98122

(206) 587-3854

[www.seattlecentral.edu/womens-prog](http://www.seattlecentral.edu/womens-prog)

Women's Programs 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 sponsors 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.

# 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 lower 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 preceeding quarter. Student-parents are responsible for reenrolling their children each quarter. Call for registration dates.

## 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 Women's Programs and WorkFirst offices.

## COPY Center

(206) 587-5419  
BE 3105A

The Copy Center provides copying service for students, faculty and staff. It is equipped with self-service machines, and employees are available to assist in copying, selling blue books, scantrons, envelopes, transparencies and course packets. US FAX service is also available.

### COPY CENTER HOURS

Fall, Winter & Spring Quarters  
7:30 a.m. – 7:30 p.m. – Monday – Thursday  
7:30 a.m. – 4:00 p.m. – Friday & during quarterly breaks

## 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](http://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  
BE 1131

Seattle Central Community College is committed to the safety and well being of all students, staff, faculty and visitors; therefore, it is extremely important that all safety procedures and protocols be followed at all times while on campus and/or in classrooms.

For all on-campus security issues, please call 206-587-5442 or stop by room BE 1131 for immediate assistance.

For all on-campus emergencies, call 911 on either campus or personal phone. When it is safe to do so, please call campus safety and security at 206-587-5442 to report the emergency as well.

When calling 911 or the campus safety and security office, please stay on the line and calmly answer all questions asked by the emergency or campus dispatcher; do not hang up unless directed to do so. Please describe in detail the exact nature of the incident, accident, or emergency that you are calling about.

In the event of an on-campus injury or accident, students and/or staff should report the incident to the safety and security office as soon as it is safely possible to do so. Please remember that instructors must be notified of an accident or injury occurring during class time.

*See page 41 for more information on personal safety.*

## Student ATHLETICS

(206) 527-3745 (Men's) & (206) 527-3773 (Women's)  
[www.northseattle.edu/services/athletics](http://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 35 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' experiences 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 Association 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

### 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 BE1143

(206) 587-6931 or 6932

[www.seattlecentral.edu/transportation](http://www.seattlecentral.edu/transportation)

Due to limited parking and environmental concerns, car-pooling, walking, biking and busing 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 discounted ORCA transit pass issued by the college. The ORCA pass may be used to ride Community, Everett, Kitsap, Metro, Pierce and Sound Transit. For additional information and/or inquiries about other transportation options and benefits, contact our office or visit the web.

### Parking Services

(206) 587-6932

[www.seattlecentral.edu/transportation](http://www.seattlecentral.edu/transportation)

Student parking in the garage before 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 noon through the evening, single occupant student parking is available either by permit or without permit on a first-come, first-served basis (\$7/day). Purchase permits at the Cashier's office. For forms, rates and more, visit the web.

## The Seattle Central FOUNDATION

(206) 587-5491

[www.seattlecentral.edu/foundation](http://www.seattlecentral.edu/foundation)

The Seattle Central Community College Foundation supports students by providing the resources to ensure students reach their highest potential while pursuing their education at Central. The Foundation awards scholarships in all areas of study, provides childcare assistance, and supports a college-wide tutoring service. In addition, the Foundation supports faculty development, and other essential programs and activities which are not funded by state or federal funds.

The Foundation staff and Board of Directors are committed to the idea of creating possibility through education, by giving students the opportunities and access they might not otherwise have. The SCCC Foundation is a 501c3, non-profit organization. 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** Programs
- 4 **Continuing** Education
- 5 **Distance Education** eLearning
- 6 **High School–College** Programs/GED
- 7 **International** Programs
- 8 Worker **Retraining**

### DEFINITION AND RATIONALE of General Education

See page 4.

### GENERAL EDUCATION Learning Outcomes

Seattle Central students will achieve personal and professional goals in diverse and multicultural settings because they are able to:

#### **THINK: Analyze, create, and reflect to address and appreciate challenges and opportunities**

- Gather, interpret, and evaluate information
- Identify problems and issues
- Formulate hypotheses
- Generate and implement creative strategies
- Create and appreciate aesthetic work
- Evaluate their thinking process

#### **COLLABORATE: Work effectively with others to learn, complete tasks, and pursue common goals**

- Identify problems and create action plans
- Apply understanding and knowledge of group process
- Pursue and critically evaluate different social and cultural perspectives
- Manage conflict productively
- Engage in community and civic life

#### **COMMUNICATE: Exchange ideas and information through intentional listening, speaking, signing, reading, writing, or presenting**

- Determine the purpose and context for communicating
- Organize and present information purposefully
- Seek feedback and revise to enhance effectiveness
- Attend to conventions of communication to minimize barriers
- Consider perspectives, experiences, and cultural differences to develop understanding

#### **CONNECT: Apply knowledge and skills to solve problems**

- Select and use theoretical models, quantitative and qualitative techniques, information sources, and technology tools
- Identify and solve problems using logical strategies and evaluate results
- Gather data from various reliable sources and assess the validity and relevancy
- Critically evaluate solutions using research-based evidence
- Use technology and apply to a wide range of practices, fields, and industries

#### **CONTINUE LEARNING: Self-evaluate and act to improve knowledge and skills**

- Analyze own performance and revise to improve
- Transfer learning by applying it in other contexts
- Increase knowledge by identifying gaps and acting to fill them
- Seek mentors and share knowledge with others
- Provide and receive feedback

### ASSOCIATE OF SCIENCE DEGREE Learning Outcomes

Seattle Central Community College students 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 that students confer with an academic advisor to ensure course transferability.

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

College transfer courses are offered in several disciplines, including:

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

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

*See pages 8–9 for more information on A.A. and A.S. degree requirements.*

### ASSOCIATE OF ARTS DEGREE (A.A.)

The Associate of Arts (A.A.) Degree is a 90-credit transfer degree that fulfills the general education requirements for most four-year degrees in arts and sciences. To earn the A.A. degree, students must achieve a cumulative grade point average (GPA) of 2.0 or better in courses numbered 100 and above, complete at least 15 credits at the Seattle Community College (North, Central or South) awarding the degree and meet all of the degree requirements. Students should contact an advisor to develop their individual programs of study.

*See pages 7–9 for college transfer course requirements for A.A. or A.S. degree.*

### ASSOCIATE OF ARTS (A.A.)

#### Emphasis in Sustainable Agriculture

Sustainable Agriculture Education (SAGe) is a new emphasis within the Science and Math Division. An Associate of Arts (A.A.) degree with a Sustainable Agriculture emphasis provides a practical education for students interested in a transferable two-year degree and continued natural resource-related studies or immediate entry into the workforce. SAGe offers a suite of core courses and four pathways of focus: Urban Food Systems, Small Farm Systems, Farmland Ecological Restoration and International Sustainable Development. For details, contact the Advising Office.

[www.seattlecentral.edu/learn/sage](http://www.seattlecentral.edu/learn/sage).

### ASSOCIATE OF ARTS (A.A.)

#### Emphasis in Deaf Studies

The Deaf Studies emphasis offers two years of intensive study in American Sign Language and Deaf culture, providing a cultural and communication foundation about deafness and Deaf culture. It is designed for students who plan to work in agencies which provide services for the deaf and hard of hearing; for students seeking further degrees in fields such as education, social work, counseling or linguistics; and for those seeking enhanced communication and relationships with deaf relatives, co-workers, friends and consumers. Contact the Seattle Central Advising Office for further information.

**ASSOCIATE OF SCIENCE****Transfer Degree**

*See page 7 for information.*

**ASSOCIATE OF SCIENCE DEGREE (A.S.)****Direct Transfer Degree**

The Associate of Science (A.S.) is also designed to transfer to a four-year college or university. 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.

**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& 161, 162, 163 (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.

*See pages 7–9 for A.A. degree requirements.*

**ASSOCIATE IN ELEMENTARY EDUCATION****A.E.E. – DTA/MRP Degree****K-8 Education Pre-Major**

Teacher Training/Education Programs  
[www.teachertrainingprogram.com](http://www.teachertrainingprogram.com)  
(206) 587-3895

This 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 pathway (MRP) to B.A. in Elementary Education (K-8) programs in Washington state. It takes approximately two years to complete based on full-time enrollment.

**ASSOCIATE IN MATH EDUCATION****A.M.E. – DTA/MRP Program****Secondary (9-12) Math Education Pre-major**

Teacher Training/Education Programs  
[www.teachertrainingprogram.com](http://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 transfer to B.A. in Math Education degree (grades 6-12) programs in Washington state.

**BACHELOR OF APPLIED SCIENCE****Applied Behavioral Science**

Health & Human Services Division  
(206) 587-6900

The Bachelor of Applied Science program offers a substantive, human services bachelor's degree for direct service practitioners. It is designed for students with an Associate of Applied Science two-year degree in social and human services, or a related degree. Applications are accepted for fall and spring quarter entry. A minimum of 2.0 cumulative GPA is required for application; however, acceptance into the program is competitive. Additional course work is under development. Contact the program office for further information.

**PREREQUISITE:**

An Associate of Applied Science degree in Human Services (consisting of 90-120 credits).

**REQUIRED COURSES:**

ENGL& 101	English Composition I . . . . .	5
ENGL& 102	English Composition II . . . . .	5
CMST& 101	Intro to Communication . . . . .	5
SOC& 101	Intro to Sociology . . . . .	5
PSYC& 100	General Psychology . . . . .	5
Related Electives*	. . . . .	5

\*Select from any Social Science/Humanities  
College transfer course.

TOTAL		30
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**HUMAN SERVICES (CORE COURSES)**

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

TOTAL		30
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**BACHELOR OF APPLIED BEHAVIORAL SCIENCE**

ABS 310	Professionalism & Ethical Practice . . . . .	5
ABS 320	Applied Social Psychology . . . . .	5
ABS 330	Info Literacy & Program Assessment . . . . .	5
ABS 340	Applied Environmental Science . . . . .	5
ABS 350	Quantitative Principles in Assessment . . . . .	5
ABS 360	Public Policy Analysis . . . . .	5
ABS 410	Relationships between Economic & Political Systems . . . . .	5
ABS 420	Multiculturalism & Artistic Expression . . . . .	5
ABS 430	Human Identity . . . . .	5
ABS 495	Senior Capstone Project . . . . .	5
ABS 497	Advanced Field Placement I . . . . .	5
ABS 498	Advanced Field Placement II . . . . .	5

TOTAL		60
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Related Electives . . . . .		60
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Sixty additional credits from approved lists. Contact the  
Division Office.

TOTAL CREDITS FOR B.A.S. DEGREE		180
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## 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. These non-credit courses respond to current community needs through seminars and classes and may 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 5. 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 62–80 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. It does this through a variety of flexible, innovative, credit, non-credit and distance education programs.

## 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, auto CAD and Revit Architecture are available.

## 3-D ANIMATION

### Multimedia Courses

(206) 587-5448

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 & SERVICE-LEARNING

(206) 587-5422

[www.seattlecentral.edu/coop](http://www.seattlecentral.edu/coop)

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/or international travel/study experiences.

### Service-Learning

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

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.

### Travel/Study Courses

Seattle Central provides students (resident and non-resident) with an opportunity to earn credit for various international travel/study experiences. Students can earn credit for language enhancement, research-based, or work/internship/volunteer activities.

## 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](http://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

*See page 56.*

### Associate in Elementary Education DTA/MRP

*See page 56.*

### Future Math Teacher Para-pipeline Program

This program is open to working paraprofessionals who wish to pursue an alternate route to an associate in math education degree, and transfer to a university to become math teachers. The program provides full tuition scholarships and other forms of support.

### Future Teachers of America (FTA)

This is a collaborative program between Seattle Central and multiple universities. The program provides advising, scholarships and other forms of support for students of diverse backgrounds who are underrepresented in the field of education. The FTA Program pathway reaches from the community college through the university teaching certificate program.

## 5 | DISTANCE EDUCATION/ eLearning

(206) 587-4060

[www.seattlecentral.edu/distance/](http://www.seattlecentral.edu/distance/)

The Distance Education Office at Seattle Central provides information and support services for students taking online, correspondence, telecourses, and visual media courses. Students may take occasional distance education 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 Education classes are also offered, including computer and information technology courses.

*See pages 18–20 for information on distance education 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 21 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 21 for more information.*

### PRE COLLEGE Courses

*Please see pages 12 and 248 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 21–23 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 pages 22–23 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](http://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 25 for further information.*

### TRAVEL/STUDY ABROAD

(206) 587-3899

*See page 25 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 downturn. 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 26 for additional information on the Worker Retraining Program.*

# Professional-Technical PROGRAMS

Seattle Central Community College offers degrees and certificates in more than 30 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. Several professional-technical programs offer short-term training certificates; students may build skills and add certifications over time to progress in their fields. Contact the program office for information. Seattle Central Community College is accredited by the Northwest Commission on Colleges and Universities.

ADS	205	Ready-to-Wear Construction . . . . .	4
ADS	207	Active Sportswear Construction . . . . .	4
ADS	215	Intro to Pattern Grading for 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 & Resume Development . . . . .	4
ADS	243	Textile Technology & Design III . . . . .	2
ADS	250	Final Line Design & Development. . . . .	8

**RELATED INSTRUCTION**

MIC	141	Computer Applications for Apparel Design I . . . . .	3
MIC	142	Computer Applications for Apparel Design II . . . . .	3

*Incorporated into the 91 total program credits are the 24 credits which meet Related Instruction requirements, including 3 credits of embedded math.*

TOTAL CREDITS 91

## 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.

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

**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

CENTRAL  
62  
Professional-Technical Programs

## APPAREL DESIGN

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

Apparel Design is a full-time, six-quarter program offering an Associate of Applied Sciences degree. Courses are designed to prepare students for employment in the garment industry, and focus on the technical, design and business aspects of apparel manufacturing. The curriculum includes courses in garment construction, production patternmaking and pattern grading, design, fashion history and computer applications specifically related to apparel design. Development of a professional portfolio and fashion collection as well as completion of a supervised internship are an integral part of the curriculum.

*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.)**

**PREREQUISITES**

ADS	096	Intro to Apparel Design Construction I . . . . .	2
ADS	098	Intro to Apparel Design Construction II. . . . .	2
ADS	100	Intro to Apparel Design Construction III . . . . .	2

**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	138	Fashion History. . . . .	3
ADS	139	Intro to Apparel Manufacturing . . . . .	2
ADS	140	Business Practices in Fashion . . . . .	3
ADS	141	Textile Technology & Design I . . . . .	2
ADS	142	Textile Technology & Design II . . . . .	2
ADS	197	Work Experience in Apparel Design . . . . .	5

\* 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
<b>RELATED INSTRUCTION</b>		
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
<b>GENERAL EDUCATION COURSES</b>		
Ten credits selected from approved list. . . . .		10
<i>Contact the Advising Center.</i>		
TOTAL CREDITS		94

**CULINARY ARTS**

**Seattle Culinary Academy  
Culinary Arts  
(206) 587-5424**

Seattle Culinary Academy’s Culinary Arts program offers an innovative teaching environment along with new, state-of-the-art Culinary Arts and Specialty Desserts & Breads kitchens. Extensive theory is combined with hands-on education from highly skilled instructors focusing on international cuisine built upon French basics using local and seasonal ingredients. The Seattle Culinary Academy at Central is fully accredited by the prestigious American Culinary Federation.

Sustainable principles and practices shape the curriculum. Throughout the year, the new greenhouse will provide the opportunity to learn “seed to plate” practices and supplies fresh herbs for the dining rooms. During summer quarter, learn about sustainable farming by planting, tending, harvesting and visiting local farms to discover where food really comes from.

Courses prepare graduates to work in restaurants, hotels, private clubs, catering businesses, and food service institutions, especially those committed to health and environmental wellness.

This program is appropriate for individuals of all skill levels – from beginners to those with industry experience who wish to develop a broader range of skills.

Culinary Arts (C.A.) is a six-quarter certificate program. Students may enter the program fall, winter or spring quarters. The Associate of Applied Science (A.A.S.) degree may be granted with the completion of 16 additional elective credits. A cumulative GPA of 2.0 or higher in all core and related instructional courses is required to attain a Culinary Arts Certificate and/or A.A.S. degree.

**Culinary Arts Certificate**

**PREREQUISITES**

ENGL	105	Applied Composition . . . . .	3
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**TECHNICAL SPECIALTY COURSES**

BAK	105	Restaurant Baking Theory. . . . .	1.5
BAK	115	Restaurant Baking Practicum . . . . .	1
BAK	116	Fine Dining Baking Practicum . . . . .	1
BAK	117	Intro to Cheese Making . . . . .	1
CUL	101	Food Theory I . . . . .	6
CUL	102	Food Theory II . . . . .	5
CUL	103	Food Theory III . . . . .	4
CUL	104	Food Theory IV . . . . .	6
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 Systems Practices I . . . . .	1
CUL	152	Sustainable Food Systems Practices II. . . . .	1
CUL	153	Sustainable Food Systems Practices III . . . . .	1
CUL	205	Advanced Culinary Theory . . . . .	2
CUL	215	Advanced Culinary Practices . . . . .	4
CUL	251	Buffet Catering/Garde Manger/ Ice Carving: Theory. . . . .	4
CUL	255	Buffet Catering/Garde Manger/ Ice Carving: Practicum. . . . .	8
HOS	101	Customer Service Practicum I . . . . .	1
HOS	102	Customer Service Practicum II . . . . .	1
HOS	103	Customer Service Practicum III. . . . .	1
HOS	104	Customer Service Practicum IV. . . . .	1
HOS	108	Dining Room & Kitchen Management . . . . .	4
HOS	109	Advanced Customer Service Practicum . . . . .	0.5
HOS	110	Principles of Sanitation . . . . .	3
HOS	111	Dining Room Theory. . . . .	1
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
MIC	102E	Computer Lab Survival Skills. . . . .	1
PSYC	240	Psychology of Human Relations . . . . .	3

TOTAL CREDITS		106
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*NOTE: Certain courses require concurrent enrollment. Check culinary course descriptions for specifics.*

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

Completion of Certificate Requirements . . . . . 106

**RELATED ELECTIVES**

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

TOTAL CREDITS . . . . . 122

**Specialty Desserts & Breads**

Seattle Culinary Academy’s Specialty Desserts & Breads program offers an innovative teaching environment along with new, state-of-the-art Culinary Arts and Specialty Desserts & Breads kitchens. Extensive theory is combined with hands-on education from highly skilled instructors focusing on artisanal breads, European pastries and desserts, cheese making and chocolate creations. This program is fully accredited by the American Culinary Federation.

Sustainable principles and practices shape our curriculum. Throughout the year, the new greenhouse will provide the opportunity to learn “seed to plate” practices and supplies fresh herbs for savory and sweet preparations sold in our dining rooms and pastry shop.

Courses prepare graduates to work in restaurants, hotels, pastry shops, bakeries, private clubs, catering businesses and food service institutions committed to quality and environmental wellness. This program is appropriate for individuals of all skill levels – from beginners to those with industry experience who wish to develop a broader range of skills.

Specialty Desserts & Breads is a five-quarter certificate program. Students may enter the program fall, winter or spring quarters. The Associate of Applied Science (A.A.S.) degree can be earned with the completion of 16 additional elective credits. A cumulative GPA of 2.0 or higher in all core and related instructional courses is required to attain a Culinary Arts Certificate and/or A.A.S. degree.

**Certificate**

**PREREQUISITES**

ENGL 105 Applied Composition . . . . . 3

**TECHNICAL SPECIALTY COURSES**

BAK 101	Intro to Desserts & Breads Theory . . . . .	4
BAK 102	Bread & Food Preservation . . . . .	3
BAK 103	Advanced Theory . . . . .	4
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	Adv. Buffet Desserts & Wedding Cakes Practicum. . . . .	8
BAK 125	Advanced Desserts & Breads Practicum . . . . .	8
BAK 126	Advanced Food Preservation. . . . .	3
BAK 210	Science & Baking . . . . .	1
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 Systems Practices I . . . . .	1
CUL 152	Sustainable Food Systems Practices II . . . . .	1
CUL 153	Sustainable Food Systems Practices III . . . . .	1
HOS 101	Customer Service Practicum I . . . . .	1
HOS 102	Customer Service: Practicum II . . . . .	1
HOS 105	Customer Service for Specialty Desserts & Breads. . . . .	1
HOS 106	Advanced Bakery Counter Service . . . . .	1
HOS 110	Principles of Sanitation . . . . .	3
HOS 122	Purchasing & Inventory . . . . .	1
HOS 123	Food Costing Principles & Application . . . . .	1
HOS 150	Measurements & Meanings . . . . .	2
HOS 201	Functions of Management. . . . .	2

**RELATED INSTRUCTION**

BIOL 103	Nutrition for Food Service Professionals . . . . .	3
MIC 102E	Computer Lab Survival Skills. . . . .	1
PSYC 240	Psychology of Human Relations . . . . .	3

TOTAL CREDITS . . . . . 82.5

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

Completion of Certificate Requirements . . . . . 82.5

**RELATED ELECTIVES**

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

TOTAL CREDITS . . . . . 98.5

**DEAF INTERPRETER TRAINING**

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

*Also see Interpreter Training Program, page 69.*

The two-year 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.

Deaf interpreters work in areas such as colleges, public schools, and early childhood education, as freelance interpreters in human services areas such as vocational rehabilitation, 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.

New students are accepted in the fall of each year. Eligibility for all certificates and degrees requires a cumulative GPA of 2.0 or above in all coursework. Contact the program counselor for application procedures, schedule information and revisions.

**PREREQUISITES**

Successful completion of two years of American Sign Language (ASL& 121-123 and ASL& 221-223) or equal skill in signing.

**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 protect both teeth and gums and the total health of patients. They 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	Composition II. . . . .	5
PSYC&	100	General Psychology . . . . .	5
HUM	105 or ISP	105 Intercultural Communication. . . . .	5
CHEM&	121	Intro to Chemistry. . . . .	5
CHEM&	122	Intro to Organic Chemistry . . . . .	5
BIOL&	241	Human Anatomy & Physiology I. . . . .	5
BIOL&	242	Human 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
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*\*MIC 101 is 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 for Dental Hygienists. . . . .	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 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
<b>TOTAL CREDITS</b>		<b>122</b>

**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](http://www.seattlecolleges.edu/healthcare).*

## EXPANDED FUNCTION DENTAL AUXILIARY

**Health and Human Services Division**  
**206.587.4186**  
[www.efdacentral.net/](http://www.efdacentral.net/)

Expanded Function Dental Assistants are dental assistants who have additional training that permits them to place and contour dental fillings. This 14-credit program prepares dental assistants for these expanded functions, and for the Washington Restorative Examination (WARE) given by the Dental Assisting National Board (DANB) as well as the Restorative Section of the Western Regional Examining Board (WREB) Exam. Entrance to the EFDA program is subject to Washington Dental Assisting career pathway requirements. Contact the division for prerequisites and requirements.

EFDA 100	Procedures I . . . . .	1
EFDA 101	Restorative Lab. . . . .	3
EFDA 110	Dental Coronal Anatomy . . . . .	2
EFDA 111	Dental Materials & Techniques . . . . .	2
EFDA 200	Procedures I . . . . .	1
EFDA 201	Restorative Clinic II. . . . .	3
EFDA 202	WREB Preparation . . . . .	1
EFDA 212	Ethics & Jurisprudence . . . . .	1
<b>TOTAL</b>		<b>14</b>

## FILM & VIDEO COMMUNICATIONS

**Business, Information Technologies & Creative Arts Division (206) 587-3830**  
[www.seattlecentral.edu/proftech/PROvideo.php](http://www.seattlecentral.edu/proftech/PROvideo.php)

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.

*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

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 – Film & Video . . . . .	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	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
<i>Students are required to complete a total of five (5) Work Experience credits during the course of the two-year program.</i>			

TOTAL CREDITS	101-103
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## GRAPHIC DESIGN

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

This two-year (6-quarter) program combines computer-based knowledge and practical skills for employment in the graphic design and interactive design fields. In classes and up-to-date computer labs, students learn design, typography, illustration, and digital production to prepare them for positions in print, interactive 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.

Students completing this program are prepared for entry-level positions in advertising agencies, producing layouts and presentations; retail, corporate, and in-house graphics departments; as freelance print and interactive designers; and in design studios assisting in the design and creation of corporate logos, identity systems and branding, posters, brochures and web and motion graphics.

*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

DES	101	Drawing I . . . . .	3
DES	102	Drawing II . . . . .	3
DES	103	Drawing III . . . . .	3
DES	110	Graphic Design History . . . . .	3
DES	121	Typography I . . . . .	3
DES	122	Typography II . . . . .	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 . . . . .	3
DES	223	Typography III . . . . .	3
DES	224	Typography IV . . . . .	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	236	Graphic Design IX . . . . .	4
DES	241	Illustration I . . . . .	3
DES	242	Illustration II . . . . .	3
DES	243	Illustration III . . . . .	3
DES	251	Multimedia I . . . . .	3
DES	252	Multimedia II . . . . .	3
DES	253	Multimedia III . . . . .	3
DES	260	Portfolio Preparation . . . . .	3

#### RELATED INSTRUCTION

NME	110	Integrated Media Communications. . . . .	6
NME	120	Integrated Media Communications. . . . .	6
NME	130	Integrated Media Communications. . . . .	6

TOTAL COURSE REQUIREMENTS	108
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#### RELATED ELECTIVES

**12**

*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) 516-3150

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-Comp TIA Networks†. . . . .	5
WEB	110	Web Authoring I†† . . . . .	4

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

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

† Networking Design & Administration only.

†† Web Development Only

## Applications Support

### Certificate

#### TECHNICAL SPECIALTY COURSES

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 w/ MS Access	4
MIC	160E	Supporting Microsoft Excel	4
MIC	160P	PowerPoint Presentations	4
MIC	160W	Supporting Microsoft Word	4
CIS	197	Work Experience	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

### 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 Class	5	
IT Electives			10	
Science or Social Science Electives			9	
TOTAL CREDITS			90	

## Database Administration & Development

### Certificate

ITC	110	Programming Concepts & Fundamentals	5
ITC	136	Linux/UNIX Operating Systems	5
ITC	172	Visual Basic w/ ASP.NET	5
ITC	220	Database Development for Programmers	5
ITC	222	SQL	5
ITC	224	Designing Database Solutions	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5
ITC	280	Web Database	5
ITC	281	Advanced Web Databases	5
WEB	110	Web Authoring I	4
Restricted IT Electives			10

### RELATED INSTRUCTION

BUS	140	Customer Relations	5
TOTAL CREDITS			69

## Network Design & Administration

### Certificate

#### TECHNICAL SPECIALTY COURSES

ITC	136	Linux/UNIX Operating System	5
ITC	151	Network Security	5
ITC	197	Work Experience Information Technology	3
NET	122	Network OS 1 – Windows Client Systems	5
NET	124	Network OS 2 – Windows Server	5
NET	126	Network OS 3 – Windows Network Infrastructure	5
NET	134	Network Communications – Enterprise 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	107	Math in Society	5	
Electives			5	
TOTAL CREDITS			98	

## Programming

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

### Certificate

#### TECHNICAL SPECIALTY COURSES

CSC	142	Computer Programming for Engineers	5
ITC	110	Programming Concepts & Fundamentals	5
ITC	172	Visual Basic w/ ASP.NET	5
ITC	298	Special Topics	5
ITC	115	Intro to C++ Programming	5
-OR-			
CSC	143	Computer Programming II	5
ITC	216	Programming for the Web	5
ITC	220	Database Development for Programmers	5
ITC	255	Systems Analysis	5
ITC	280	Web Database	5
ITC	298	Special Topics	5
WEB	110	Web Authoring I	4



Restricted IT Electives. . . . . 10

**RELATED INSTRUCTION**

BUS 140 Customer Relations . . . . . 5  
TOTAL CREDITS . . . . . 69

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

Completion of Certificate Requirements . . . . . 69  
ENGL& 101 English Composition I. . . . . 5  
HUM 105 Intercultural Communications. . . . . 5  
MATH& 107 Math in Society. . . . . 5  
ITC 285 Capstone Project Class . . . . . 5  
Science or Humanities Electives . . . . . 5  
TOTAL CREDITS . . . . . 94

**Web Design**

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

**Certificate**

**TECHNICAL SPECIALTY COURSES**

CIS 197 Work Experience. . . . . 1  
ITC 200 User Experience Design. . . . . 4  
ITC 220 Database Development for Programmers . . . . . 5  
ITC 280 Web Databases . . . . . 5  
MIC 102I Illustrator. . . . . 1  
MIC 102G Programming . . . . . 1  
WEB 105 Working on a Web Team . . . . . 3  
WEB 110 Web Authoring I . . . . . 4  
WEB 112 Typography for the Web . . . . . 3  
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. . . . . 2  
WEB 170 Web Animation Using Flash. . . . . 3  
WEB 200 Theory of Web Design . . . . . 4  
WEB 205 Web Career Strategies . . . . . 2  
WEB 210 Advanced Web Design . . . . . 5  
Restricted IT Electives. . . . . 5

**RELATED INSTRUCTION**

PHIL& 106 Intro to Logic. . . . . 5  
TOTAL CREDITS . . . . . 66

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

Completion of Certificate Requirements . . . . . 66  
BUS 240 Internet Law . . . . . 5  
ENGL& 101 English Composition I. . . . . 5  
HUM 105 Intercultural Communications. . . . . 5  
MATH& 107 Math in Society. . . . . 5  
ITC 285 Capstone Project Class . . . . . 5  
TOTAL CREDITS . . . . . 91

**Web Development**

**Certificate**

**TECHNICAL SPECIALTY COURSES**

CSC 142 Computer Programming for Engineers . . . . . 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  
Restricted 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  
ITC 285 Capstone Project Class . . . . . 5  
TOTAL CREDITS . . . . . 92

**INTERPRETER TRAINING PROGRAM**

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

*Also see Deaf Interpreter Training, page 64.*

Seattle Central's Interpreter Training program is one of the few two-year 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.

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. Contact the division office for program revisions and the program counselor for application procedures and schedule information.

**PREREQUISITES**

Successful completion of ASL& 121-123 and ASL& 221-223 or show commensurate ability.

**Associate of Applied Science – T Degree (A.A.S.-T)****TECHNICAL SPECIALTY COURSES**

ITP	115	Survey of Interpreting . . . . .	3
ITP	120	Support Service Personnel Training . . . . .	2
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	220	Deaf-Blind Interpreting . . . . .	2
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.

**RELATED INSTRUCTION**

ASL	125	American Deaf Culture . . . . .	5
ENGL&	101	English Composition I . . . . .	5
HUM	105	Intercultural Communication . . . . .	5
LAN	110	Comparative Linguistics: ASL & 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

[www.seattlecentral.edu/maritime](http://www.seattlecentral.edu/maritime)

(206) 782-2647

The Seattle Maritime Academy (SMA) offers technical vocational training and professional certification preparation for the workboat industry, commercial fishing and the Merchant Marine. Students may 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/or all of the following engine room (QMED) ratings: Electrician; Oilier; 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. Graduates also 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 63-64 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 two-thirds 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	2

**RELATED INSTRUCTION**

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

TOTAL CREDITS 63-64

**Deckhand Cook**

The deckhand cook program is designed to provide individuals with an understanding of the duties of a cook associated with the marine environment on board working vessels and with the knowledge, skills and attitudes necessary to achieve success and gainful employment as a deckhand cook.

**Certificate**

**TECHNICAL SPECIALTY COURSES**

MGO	100	Marine Steward	24
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TOTAL CREDITS 24

**Community Service/Industry Support Courses:**

- Basic Electricity for Small Boats & Recreational Boaters
- Diesel Engine Maintenance & Operation
- Vessel Handling

**Certification Preparatory Courses:**

- Lifeboatman
- Master 100 Ton
- Refrigeration Technician (testing)

## NURSING: L.P.N. TO R.N. TRANSITION

Licensed Practical Nurses who possess an unencumbered Washington state license, have completed the prerequisites and first-year support courses, and meet admission criteria, may enter the second year of the RN Associate degree after successful completion of one-quarter transition courses.

NUR	106	LPN-RN Transition	8
NUR	120	LPN-RN Transition: Assessments & Intervention	1
TOTAL PREREQUISITE LPN-RN COURSES			9

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

## NURSING R.N. ASSOCIATE DEGREE

Nursing (206) 587-4123  
 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.

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 (NECLEX-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	Human Anatomy and Physiology I *	5
BIOL&	242	Human 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

*Eligible for Math 107*

*\* Science courses MUST be taken within 3 years prior to entrance to the program.*

*Nursing Assistant Certified (required) TEAS-Test of Essential Academic Skills, with an Adjusted Individual Total Score of 75% or higher.*

*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 may be considered for advanced placement.

### 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			15

#### 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			63

TOTAL PROGRAM CREDITS INCLUDING PREREQUISITES	108
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## 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 four hours of HIV/AIDS education to practice in this field. Students may enter during fall and winter quarters only. For more information contact the division office.

**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	Benchmark 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/Human Resource 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.*

**PHOTOGRAPHY, COMMERCIAL**

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

The Commercial Photography Program prepares committed students for careers as professional image-makers. Centered on digital photography, emphasis in this program is placed on individual attention in a supportive learning environment with state-of-the-art facilities and equipment. This rigorous program assists students in realizing their creative potential and professional direction while providing technical and business skills necessary to earn a living. Students graduate with marketable portfolio(s), web presence, business and marketing plans, prepared to succeed in a changing and competitive profession.

*NOTE: Courses are under frequent review to maintain industry relevancy. Check with division for current program guidelines.*

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

**TECHNICAL SPECIALTY COURSES**

PHO	111	Camera Techniques I . . . . .	4
PHO	112	Camera Techniques II . . . . .	3
PHO	113	Studio Techniques I . . . . .	3
PHO	121	Lighting Techniques I . . . . .	4
PHO	122	Lighting Techniques II . . . . .	4
PHO	123	Location Techniques . . . . .	3
PHO	131	Digital Darkroom I . . . . .	3
PHO	132	Digital Darkroom II . . . . .	3
PHO	133	Retail Photography . . . . .	3
PHO	141	Professional Survey . . . . .	3
PHO	142	Conceptual Development . . . . .	3
PHO	143	Editorial/Stock . . . . .	3
PHO	197	Work Experience – Photographic Internship . . . . .	1
PHO	214	Catalog Production. . . . .	4
PHO	215	Advertising Production. . . . .	4
PHO	224	Corporate Communications. . . . .	4
PHO	234	Professional Business Practices I . . . . .	3
PHO	235	Professional Business Practices II . . . . .	3
PHO	244	Digital Imaging I . . . . .	4

PHO 245	Digital Imaging II. . . . .	3
PHO 254	Portfolio Prep I . . . . .	4
PHO 255	Portfolio Prep II. . . . .	4
PHO 256	Portfolio III. . . . .	3
PHO 276	Portfolio Workshop IV. . . . .	3
PHO 286	Special Projects . . . . .	3

**RELATED INSTRUCTION**

NME 110	Integrated Media Communications. . . . .	6
NME 120	Integrated Media Communications. . . . .	6
NME 130	Integrated Media Communications. . . . .	6
Electives	. . . . .	12

*Select from business, social science, math, or science.*

TOTAL CREDITS		112
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**PUBLISHING ARTS**

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

Publishing Arts focuses on the creative and technical skills demanded by careers in graphic communications. The program links the current digital publishing software with the processes that produce print, web and new media. Using the latest tools, learn to publish designs on posters, T-shirts, notecards, books, web pages, or create an individual online portfolio. Build a solid foundation in the Adobe Creative Suite, and produce letterpress, screen and giclée prints, shoot and edit digital photos and video, and color manage the work. Earn a one-year certificate and/or pursue an A.A.S. degree in one of the Creative Academy programs.

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

**Certificate**

PUB 115	History of Graphic Communications . . . . .	3
PUB 116	Computing & Adobe CS . . . . .	3
PUB 117	Foundations of Color . . . . .	3
PUB 118	Still & Motion Imagery . . . . .	3
PUB 125	Introduction to Print Production . . . . .	3
PUB 126	Adobe Illustrator I . . . . .	3
PUB 127	Adobe InDesign & Acrobat. . . . .	3
PUB 128	Adobe Photoshop I . . . . .	3
PUB 135	Print Production . . . . .	3
PUB 136	Adobe Dreamweaver . . . . .	3
PUB 137	Adobe CS. . . . .	3
PUB 138	Web Production . . . . .	3
NME 110	New Media I . . . . .	6
NME 120	New Media II. . . . .	6
NME 130	New Media III . . . . .	6

TOTAL CREDITS		54
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**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 see an advisor and take college transfer English and science courses.*

Graduates are eligible for licensure as Respiratory Care Practitioners in Washington state, and are also eligible and prepared for the National Board Registered Therapist credentialing exams. 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.

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

**PREREQUISITES**

Eligibility for ENGL& 101 & MATH 110.

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

**PREREQUISITES**

BIOL& 241	Human Anatomy & Physiology I . . . . .	5
CHEM& 121	Intro to Chemistry. . . . .	5
ENGL& 101	English Composition I. . . . .	5
MATH& 107	Math In Society. . . . .	5
-OR-		
MATH 109	Elementary Statistics. . . . .	5

**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	262	Entry level Exam Review . . . . .	1
RCP	264	Respiratory Care Fundamentals VI . . . . .	3
RCP	267	Advanced Mechanical Ventilation . . . . .	2
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 . . . . .	0.5
BIOL&	242	Human Anatomy & Physiology II . . . . .	5
ENGL&	102	Composition II . . . . .	5
PSYC&	100	General Psychology . . . . .	5
-OR-			
PSYC&	200	Lifespan Psychology . . . . .	5
Electives		. . . . .	5

*Select 5 credits from the Social Sciences/Humanities.*

TOTAL CREDITS 129

*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](http://www.seattlecolleges.edu/healthcare).*

**SERVICE LEARNING**

**Cooperative Education & Service-Learning**  
**Room BE 1103**  
**(206) 587-6997**  
[www.seattlecentral.edu/service-learning](http://www.seattlecentral.edu/service-learning)

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, 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.

**PREREQUISITES**

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: Social & Human Services . . . . .	3
SHS	199	Field Placement: Social & 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	English 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
<b>TOTAL CREDITS</b>			<b>90</b>

*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.

**PREREQUISITE**

Eligibility for ENGL& 101 and MATH 084.

**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	English 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**

*Select 12 credits from the following classes*

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	Mathematics & Science Methods for Working with Young Children . . . . .	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 for Non-Profits . . . . .	1-4
CFS	296	Personnel & Supervision . . . . .	1-4
CFS	299	Independent Study Seminars . . . . .	1-5
<b>TOTAL CREDITS</b>			<b>45</b>

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

**Chemical Dependency Specialist**

The Chemical Dependency Specialist program includes an integrated 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.

*NOTE: Additional courses may be needed to meet state certification requirements. Consult the division counselor before enrolling.*



**PREREQUISITE**

Eligibility for ENGL& 101 & MATH 084.

**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	296-298	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 Chemical Dependency . . . . .	3
CDS	198	Field Placement in Chemical Dependency . . . . .	3
CDS	199	Field Placement in Chemical Dependency . . . . .	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 is 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.

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

**PREREQUISITES**

Eligibility for ENGL& 101 and 100 level college math.

**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 Human Anatomy & Physiology . . . . .	5
ENGL&	101	English Composition I . . . . .	5

TOTAL CREDITS 60

## 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.

### Cabinetmaking & Fine Woodworking

#### Certificate

This program prepares students for employment in the cabinetmaking and fine woodworking trades.

#### TECHNICAL SPECIALTY COURSES

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 Composition . . . . .	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 residential and light commercial construction trades. Students have the option to earn quarterly short term certificates or the Carpentry Program certificate or an Applied Science (A.A.S.) degree.

#### TECHNICAL SPECIALTY COURSES

WCO	110	Intro to Professional Woodworking . . . . .	18
WCO	142	Intro to Carpentry & Blueprint Reading . . . . .	4
WCO	143	Building Site Selections to Layout . . . . .	5
WCO	144	Foundation Systems: Forms to Concrete Finishes . . . . .	9
WCO	145	Framing Systems: Floor to Ceiling . . . . .	9
WCO	146	Roof System: Framing to Installation . . . . .	5
WCO	147	Stairs: Rough Framing to Finished Stairwell . . . . .	4

WCO	148	Exterior Finishes: Building Enclosure to Finish Trim . . . . .	9
WCO	149	Interior Finishes: Door Installation to Finish Trim . . . . .	9

#### 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, taken in sets, from the groups below:

#### A.A.S. CABINETMAKING AND A.A.S. CARPENTRY ELECTIVES 17

Select 17 credits from the following groups:

#### For Cabinetmaking Students:

WCO	130	Marine Carpentry . . . . .	18
-OR-			
WCO	142, 143, 144; 145, 146, 147; 148, 149	Carpentry . . . . .	18 per certificate
<i>Taken in certificates. Specifics listed above under Carpentry.</i>			

#### For Carpentry Students:

WCO	130	Marine Carpentry . . . . .	18
-OR-			
WCO	150	Cabinetmaking . . . . .	18

#### OTHER ELECTIVES:

MIC	203	Intro to CADD . . . . .	3
WCO	160	Architectural Blueprint Reading & Cost Estimating for Building Trades . . . . .	3
WCO	164	Roof Framing & Stair Building . . . . .	2
WCO	167	Fine Furniture Making . . . . .	4
WCO	197	Work Experience – Wood Construction . . . . .	5-12
OR Any ACCT, BUS, CSC, HDC, MIC, MTS, TDR or Liberal Arts course			

TOTAL CREDITS FOR AAS DEGREE			120
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## Carpentry Fundamentals

### Certificate

The Carpentry Fundamentals Certificate builds fundamental skills in blueprint reading, building site preparation, and foundation construction and finishing. Focusing on residential and light commercial construction, it emphasizes appropriate selection of materials, products, and best practices for constructing sustainable buildings.

#### PREREQUISITES

WCO	110	Intro to Professional Woodworking . . . . .	18
WCO	120	Construction-Maritime First Aid. . . . .	1

#### TECHNICAL SPECIALTY COURSES

WCO	142	Intro to Carpentry and Blueprint Reading. . . . .	4
WCO	143	Building Site Selections to Layout. . . . .	5
WCO	144	Foundation Systems: Forms to Concrete Finishes . . . . .	9

TOTAL CREDITS			18
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## Framing Fundamentals

### Certificate

The Framing Fundamentals Certificate builds fundamental skills in framing floor, wall, ceiling, stair and roof systems. Focusing on residential and light commercial construction, it emphasizes appropriate selection of materials, products, and best practices for constructing sustainable buildings.

#### PREREQUISITES

WCO	110	Intro to Professional Woodworking . . . . .	18
WCO	120	Construction-Maritime First Aid. . . . .	1

#### TECHNICAL SPECIALTY COURSES

WCO	145	Framing Systems: Floor to Ceiling. . . . .	9
WCO	146	Roof System: Framing to Roofing Installation . . .	5
WCO	147	Stairs System: Rough Framing to Finished Stairwell. . . . .	4

TOTAL CREDITS			18
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## Finishing Fundamentals

### Certificate

The Finishing Fundamentals Certificate develops carpentry skills in exterior and interior finishes from sheathing to finish carpentry. Focusing on residential and light commercial construction, it emphasizes appropriate selection of materials, products, and best practices for constructing sustainable buildings.

#### PREREQUISITES

WCO	110	Intro to Professional Woodworking . . . . .	18
WCO	120	Construction-Maritime First Aid. . . . .	1

#### TECHNICAL SPECIALTY COURSES

WCO	148	Exterior Finishes: Building Enclosure to Finish Trim . . . . .	9
WCO	149	Interior Finishes: Door Installation to Finish Trim . . . . .	9

TOTAL CREDITS			18
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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
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## 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

<i>Select 20 credits from</i>			
MIC	103	Computer Applications for Builders . . . . .	3
MIC	203	Intro to CADD . . . . .	3
WCO	140	Carpentry <i>(Optional - Instructor permission required)</i> . . . . .	18
WCO	150	Cabinetmaking <i>(Optional - Instructor permission required)</i> . . . . .	18
WCO	160	Architectural Blueprint Reading & Cost Estimat- ing for Building Trades . . . . .	3
WCO	164	Roof Framing & Stair building . . . . .	2
WCO	167	Fine Furniture . . . . .	3
WCO	197	Work Experience - 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 & Service-Learning**  
(206) 587-5422

Cooperative Education is a “work for credit” program offered to students enrolled in college transfer or work-force 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. It 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	Biology. . . . .	3-5
BUS	197	Business Occupations . . . . .	2-8
CHEM	197	Chemistry . . . . .	2-5
CIS	197	Computer Information Systems. . . . .	2-5
CMS	197	Community Service . . . . .	1-3
CMS	198	Community Service . . . . .	1-3
CMS	199	Community Service . . . . .	1-3
COM	197	Film & Video . . . . .	2-5
CWE	197	Co-op Work Experience . . . . .	2-8
CWE	198	Co-op Work Experience . . . . .	2-8
CWE	199	Co-op Work Experience . . . . .	2-8
DES	197	Graphic Design. . . . .	2-8
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 . . . . .	2-8
HUM	197	Humanities . . . . .	2-8
ITL	197	International Cooperative Education . . . . .	5
ITL	198	International Cooperative Education . . . . .	5
OPH	197	Opticianry . . . . .	2-5
OPH	198	Opticianry . . . . .	2-5
OPH	199	Opticianry . . . . .	2-5
PHO	197	Photography . . . . .	2-5
RCP	196	Respiratory Care. . . . .	2-5
RCP	197	Respiratory Care. . . . .	2-5
RCP	198	Respiratory Care. . . . .	2-5
RCP	199	Respiratory Care. . . . .	2-5
SAL	197	Sales & Marketing . . . . .	2-5
SCI	197	Science . . . . .	2-8
SHS	197	Social & Human Services . . . . .	2-3
SSC	197	Social Science . . . . .	2-8
WCO	197	Wood Construction. . . . .	2-12