Welcome

Don’t get lost in the masses at a big university. Take your freshman and sophomore classes at Seattle Central and enjoy smaller class sizes with dedicated instructors who want you to succeed. Whether your goal is to obtain an associate degree and transfer into a bachelor’s program, earn a skills-based certificate, or just take a few classes, Seattle Central has a program designed for you.

Almost half of our students transfer to a four-year school after receiving their associate degrees, and more than a third develop or enhance job skills.

Seattle Central College has been transforming lives for nearly 50 years. We are proud to be Seattle’s first community college, serving more than 500,000 students since 1966. Our main campus on Capitol Hill is the only community college in the city’s core. We are easily reached by public transportation, and a new light rail station will soon connect the campus to other parts of the city, including the University of Washington. Our urban location offers countless choices for shopping, dining and entertainment.

We also offer classes at two nearby locations. The Wood Technology Center, in the Central District, has been training woodworkers since 1936. The Seattle Maritime Academy on the working waterfront in Ballard trains students to work in the maritime industry.

Seattle Central has been recognized by The New York Times as a community college of choice for ambitious, high-achieving students. The college offers several bachelor’s degrees, 31 associate degrees and 45 certificates in 28 programs of study, serving the career goals of students and the demands of employers in culinary arts, apparel design, information technology, maritime, healthcare and social and human services. All programs provide real-world, hands-on training from instructors who stay current with the latest industry trends.

Students at Seattle Central range in age from 16 to 80 and make up a dynamic and diverse community. More than 50 countries are represented on campus.

Whatever your educational goals, Seattle Central can help. Unlike many colleges, we have an open admissions policy. If you want to succeed in college, we have a place for you.

Visit www.seattlecentral.edu/tour or call 206.934.3898.

GETTING STARTED at Central

Admissions (206) 934-5450
International Students (206) 934-3893
Financial Aid (206) 934-3844
Information Center (206) 934-3800
Registration (206) 934-6918

MISSION

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

CORE THEMES

- Responsive Teaching and Learning
- Catalyst for Opportunities and Success
- Diversity in Action
- Communities Engagement
FACtS at a Glance*

2012–2013 Annual Profiles
Annual attendance 2012–2013 16,814

Special Enrollments
Distance Education 3,190
Running Start 381
International Students 2,356
Worker Retraining 509

Fall 2013 Profiles
Students **
Median age 27
Ethnic diversity 56%
Male/Female 45%/55%
With bachelor or higher degrees 11%
Employed 43%
  full-time 21%
With dependents 18%
  single parents 6%
Full-time/Part-time attendance 47%/53%

Programs
College Transfer 42%
Professional Technical 32%
Basic Skills 17%
Pre-college & Other 9%

Courses
State-funded 88%
Contract-supported 3%
Student-supported 10%

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

Specialized Training Centers
Seattle Maritime Academy
4455 Shilshole Ave NW, Seattle, WA 98107
(206) 934-2647
seattlecentral.edu/maritime/index.php
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 Technology Center
2310 S Lane, Seattle, WA 98144
(206) 934-5460
seattlecentral.edu/wp/woodtech/
The state-of-the-art Wood Technology Center has trained Northwest woodworkers since 1936. Programs include core training in safety, skills, tools and materials and specializations in cabinetmaking, fine woodworking, carpentry, marine carpentry and boat building. Students can earn associate degrees, program certificates or a series of skill-specific certificates.
SEATTLE COLLEGES ■ 2014-2016 CATALOG

Student Services

Academic & Student SUPPORT SERVICES

ADVISING Center
(206) 934-4068
seattlecentral.edu/advising/index.php

The Advising Center helps students set long-range educational goals, provides assistance with scheduling, transfer guidance, unofficial transcript evaluation and referrals to college services. Students using the Center expect to transfer for further education, and often plan to receive an associate degree before transferring to another college. Students not planning to transfer can receive advice through their specific areas, such as Running Start, Professional Technical programs, Basic Studies, International Education or Bachelor’s Degree programs.

CAREER Services Center
(206) 934-4383
seattlecentral.edu/careercenter/index.php

Career Information

The Career Services Center provides career exploration assessments and web-based resources, college program information, college major relationship to careers, as well as a wide variety of career-related resources for students who are undecided about their major and career paths. In addition, the Center coordinates and delivers career-related presentations in classrooms and the community, offers individual career testing and counseling, an annual career fair, scholarship and grant information, applications and assistance.

Employment Assistance

The Career Services Center offers job listings online and in hard copy; an automated online job board for students and alumni called Interfase; job search information; résumé and employment letter critiques; mock interviews; employer fair; and access to computers for résumé and cover letter preparation.

CLASS SCHEDULE Quarterly
(206) 934-3800
seattlecentral.edu/course/class-schedule.php

Seattle Central produces a quarterly class schedule that lists specific courses offered that quarter. It is available online approximately six (6) weeks before the start of each quarter. To view or download the online class schedule, visit Seattle Central’s home page and click on “class schedule.”

COLLEGE SUCCESS Program
(206) 934-3168
seattlecentral.edu/collegesuccess/index.php

The College Success program is especially designed to provide students who have been in foster care with the resources to enroll, attend, complete and transition to four-year programs or employment. A network of campus and community supports and advocacy enable students to achieve academic success. Visit Room BE 1102 D-5 for more information and to register for the program.

COLLEGE TRANSFER Center
(206) 934-5469
seattlecentral.edu/transfer/index.php

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) 934-4194
seattlecentral.edu/it-services/computer/abs/index.php

The Computer Center is open to all Seattle Central students and has PC and Apple computers with student network software and Internet connectivity. Printing is available at minimal cost. Current Seattle Central enrollment is required. A student ID number is required for access and a student ID card for equipment checkout. Visit the Computer Center in Room BE3148 for more information.
COUNSELING Services
(206) 934-3851
seattlecentral.edu/counsel

The primary goal of counseling is the retention of students. Counselors help students with educational, career, and personal issues. They also teach critical strategies that help students develop critical thinking skills, set academic goals, engage in lifelong learning, develop skills for employment, maintain personal wellness, and learn to interact in a diverse environment. Counselors are located throughout the college.

DISABILITY Support Services
(206) 934-4183
seattlecentral.edu/disability-support

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. Disability Support Services arranges for a variety of auxiliary services such as sign language interpreters, assistive technology, exam extensions and academic assistance. To avoid delays, auxiliary requests such as ordering books in an electronic format and interpreting services for on-going classes require four weeks advance notice. At least three business days are required for special requests/one-time Interpreting services.

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

See page 46 for specific details and additional information on eligibility and policies.

LIBRARY & MEDIA Services

Circulation (206) 934-4050
Reference (206) 934-5421
Media (206) 934-4053
seattlecentral.edu/library

Library & Media Services located in BE 2102 maintains collections of books, reserved textbooks, e-books, periodicals, DVDs, CDs, and research databases to support the curriculum. Computer access in the library includes open lab computers, wireless laptop computers, and Wi-Fi for personal devices. The library also provides group study rooms, photocopiers, scanners, and media equipment. Librarians offer individual reference service to students seeking research help in person and online through email and 24/7 chat reference. Librarians also teach credit courses on information research and course-integrated research workshops.

MULTICULTURAL Services
(206) 934-4085

Multicultural Services is committed to creating an institutional climate and practice that supports Seattle Central’s diverse student populations in achieving their academic goals. The office, located in BE 1103, develops innovative services, collaborates with other college departments and divisions on campus-wide initiatives, presents professional development activities on multiculturalism and diversity, and disseminates information on diversity resources for students, faculty and staff. Multicultural Services advances institutional responsiveness to the needs of students of diverse cultural backgrounds through such efforts as the Annual Students of Color Conference, which supports critical thinking, leadership skills and social justice activism.

INTERNATIONAL EDUCATION Student Services
(206) 934-3893
seattlecentral.edu/international/index.php

International Students: This office helps international students get started in their educational programs and adjust to the Seattle area. It offers advising, counseling, activities and additional resources in BE 1113.

Study Abroad: This office also offers instruction on various Study Abroad opportunities, internships abroad and international service learning.

See page 27 for additional information about International Programs.

SENIOR ADULT Education

Washington state residents 60 years or older may register for up to two courses for audit or credit, for a fee of $5 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 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. Credits taken using the senior citizen waiver cannot be used toward degree completion.
STUDENT ACADEMIC Services / TUTORING

Seattle Central Learning Support Network
(206) 934-0973
seattlecentral.edu/learningsupportnetwork

The Learning Support Network provides high quality academic support to Seattle Central's diverse student population in order to improve comprehension, increase competence, instill confidence, and promote success. This consortium of learning centers works together to provide uniform and proven support to students. Services are free to all current students, who can choose individual appointments, walk-in or online support. Trained tutors include alumni, retired instructors and current students.

BE Learning Center
(206) 934-0973
seattlecentral.edu/learningsupportnetwork

The BE Learning Center in BE 2102 provides one-to-one learning support and a quiet area for personal studying. Students can find help with humanities, writing, business, accounting, economics, languages, ASL/ITP, culinary arts and apparel design courses. Appointments can be guaranteed by booking up to a week in advance. Walk-ins can get help if tutors are available.

Math Path
seattlecentral.edu/learningsupportnetwork
Email: samlearningsupport@seattlecolleges.edu

The Math Path in SAM 100 provides learning support specifically for students enrolled in pre-college math (Math 081, 084, 085 and 098). Faculty and student peer tutors work together to model and foster successful math learning.

Science and Math (SAM) Learning Centers
seattlecentral.edu/learningsupportnetwork
Email: samlearningsupport@seattlecolleges.edu
Mon-Fri, 9 am-6 pm

Each discipline in the Science and Math building provides learning support for students on a drop-in basis. Visit the SAM Learning Centers in SAM 100 for help with math, chemistry, physics, computer science, and engineering. Several computers are available for students who need assistance with online assignments.

The Biology Learning Center, located on the 3rd floor of the SAM building, is a drop-in center that allows students to use course- and laboratory-specific materials.

TRIO Student Academic Assistance
(206) 934-3852
http://www.seattlecentral.edu/trio/index.php

In BE 1102B1 Student Academic Assistance, a TRiO program funded by the U.S. Department of Education, promotes retention, graduation and transfer of under-served students through the delivery of targeted services to empower personal, academic, and professional growth. Services include counseling, tutoring, career advice, college campus tours and quarterly cultural events. Targeted students include first generation, low-income, veterans, students with disabilities, and those on financial aid.

TESTING Office
(206) 934-6344
seattlecentral.edu/testing/

Students seeking a degree or certificate or enrolling in most English or mathematics classes must take the COMPASS placement tests prior to registration. These tests help the student and advisor to select appropriate classes. This office also offers ASL (American Sign Language) placement tests, ESL placement tests, GED exams and exam proctoring services for other institutions. Testing schedules and detailed descriptions are available online or by phone.

Prepare for the Test
beforeyoutest.org

Preparing for the COMPASS Test helps to ensure the most accurate test results and the best course placement. The website provides the information you need about COMPASS and online resources for test preparation. Current cost for the COMPASS test is $19 (for 2013-2014).

VETERANS AFFAIRS
(206) 934-4147
seattlecentral.edu/veterans

For information about using VA benefits to attend Seattle Central College or how to qualify for Veterans tuition discount, visit the website or contact the Veterans Coordinator in BE 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 www.va.gov.

See page 33 for more details.
WOMEN’S Programs
907 E Pine St.
Seattle, WA 98122
(206) 934-3854
seattlecentral.edu/student-support/womens-programs.php
Through the Wednesday Noon lecture series “Women in Society,” campus health fairs, and other student events, Women’s Programs build community awareness around gender concerns while creating a voice and community. It provides information about a variety of community financial resources and other forms of assistance to all students. It coordinates a schedule of visiting community partners available to meet with students to provide resources and additional referrals. Emergency funds are available for students who qualify through a variety of resources. Women’s Programs coordinates with Student Leadership to sponsor various student activities and organizations, including Women in Science and Engineering (WISE), EMPOWR (Empowerment Means Political Organizing for Women’s Rights), and writing and art opportunities through Central Circuit. Women’s Programs houses the Child Care Assistance program.

WORKFORCE Services
(206) 934-3854
seattlecentral.edu/workforce/
907 E. Pine
Seattle, WA 98122
WorkForce Services assists students in identifying and achieving their educational and career goals, with a special emphasis on support for low-income returning students pursuing non-traditional career options and training in high-wage, high-demand jobs.
Financial assistance for tuition, books and supplies is available to students who qualify through the Worker Retraining program, Basic Food Education & Training (BFET) program, WorkFirst programs, and Opportunity Grant programs. Visit startnextquarter.org to help determine preliminary eligibility.
Educational Planning with professional staff helps students access education and success through individual plans, campus and community resources.
Both current students and those wanting information and assistance in attending Seattle Central can contact WorkForce Services.

ART Gallery
M. Rosetta Hunter Art Gallery
(206) 934-4379
9:30 am–3:30 pm, Mon-Fri
5 pm-7 pm, Tues and Wed
The Art Gallery, located in the Atrium, is an educational exhibition space that enhances the academic goals and contributes to the cultural enrichment of the institution. It holds exhibits and activities that reflect and serve our multicultural population. The Gallery presents approximately nine exhibits throughout the academic year, and one show during the summer. Many feature the work of Seattle Central students and graduates.

BOOKSTORE
(206) 934-4148
seattlecentral.bncollege.com
The Bookstore, located in SAC 250 across the street from the main college building on Broadway, carries required and recommended textbooks for courses. Textbooks and supplies can also be ordered online at seattlecentral.bncollege.com. The Bookstore offers a wide array of rental and digital titles, as well as used textbooks. Rentals can save you up to 50% of the cost. The Bookstore offers a textbook buy-back service year-round with a special buy-back for students with proper ID during final exam week of each quarter. It also carries school supplies, clothing, gifts, snacks and educational-priced software. For hours of operation and current information, visit the website or facebook.com/seattlecentralbooks.

CAMPUS OPTICAL
(206) 934-5440
seattlecentral.bncollege.com
Campus Optical fills prescriptions, fits eyeglasses and contacts as part of the college Opticianry program. Licensed optometrist appointments are available. The office is open to the public in BE 2123. Call for hours of operation.
**CHILD CARE ASSISTANCE** Program

(206) 934-3855

The Child Care Assistance Program (CCAP) in FA 202 offers funding, information, and referral resources to students desiring childcare assistance while attending school. Parents eligible for our quarterly need-based funding can receive financial assistance with a portion of their child care costs. Through our resources, parents can learn how to access and choose quality child care. We support an on-campus parent club, with the purpose of providing an avenue for student–parents to network, support each other, and share information and tips. Our parent resource fairs, stress management and parenting tips workshops are designed to celebrate and support our student-parents.

**COPY Center**

(206) 934-5419

Online ordering: seattlecentral.edu/copycenter/index.php

The Copy Center in BE 3105A provides copying service for students, faculty and staff. In addition to copying services, self-service copiers are available. Supplies such as blue books, scantrons, envelopes, transparencies and course packets are for sale here. FAX service within the United States is also available.

**COSMETOLOGY Salon**

1500 Harvard Avenue
(corner of Pike & Harvard)
(206) 934-5477

The Salon is staffed by Cosmetology students from Seattle Vocational Institute, which is affiliated with Seattle Central. Students are always under the supervision of Cosmetology staff, and perform a wide range of services at reasonable cost to the public.

**ERICKSON THEATRE**

1524 Harvard Avenue
(between Pike & Pine on Capitol Hill)

Erickson Theatre is used for college music, theater, and dance classes, and special campus and community events.

**FOOD Services**

(206) 934-4319

All are open to the public.

The **Atrium** cafeteria is open from 7:30 am - 8:00 pm Mondays–Thursdays and until 2:30 pm on Fridays. The Atrium features a variety of cafeteria-style food, including a breakfast menu, burgers, pizza, beverages, healthy salads, sandwiches, Grab ‘n Go items and pre-packaged snacks.

The **Buzz by the Broadway entrance** offers a wide variety of espresso, coffee and smoothies as well as pastries and other sweets created by the Culinary Arts students. It is open from 7:30 am - 8:00 pm Mondays–Thursdays and until 2:30 pm on Fridays.

The **Buzz Pastry Case** offers both savory and sweet baked goods and pastries made by students of the Specialty Desserts & Breads program. Selections include a variety of breakfast pastries, European pastries, cakes, cookies, many desserts, chocolates and a large selection of rustic artisan breads. It is open 10:00 am–3:30 pm Tuesdays – Fridays.

During Fall, Winter, and Spring Quarters, students from the Culinary Arts program prepare and serve a variety of specialty meals in the **Square One** and **One World** restaurants. These are open to the public Tuesday through Friday, from 11:15 am to 12:45 pm.

**Square One Bistro** features contemporary, casual dining with fresh market salads, soups, entrees and baked goods, as well as pastas and artisanal pizzas from the WoodStone oven.

**One World Restaurant** offers seasonally focused, ever-changing menus with global influences, featuring quality local and sustainably-produced ingredients.

For menus, visit: seattlecentral.edu/seattleculinary/restaurants.php

**Reservations** for restaurants: (206) 934-4330

Summer Quarter students prepare “small-plate” cuisine of sample salads, sandwiches, canapés, smørrebrød, entrées, pâtés, street food and tantalizing desserts. Most of the ingredients are sourced from student-grown produce on Skagit Valley farm lands. The menu changes daily. The Buffet is open Tuesday through Thursday.

Restaurants close for several weeks during the year when students are in finals or on break. Check the website for status and hours.
PUBLIC SAFETY
(206) 934-5442 Public Safety Department
BE 1108
Seattle Central College Public Safety Department is committed to providing a safe environment for the college community including students, staff, faculty and visitors. The department takes a community approach to campus security and safety prevention. It is important that everyone speaks up. If you see something suspicious, tell someone.

- For all on-campus emergencies, call 911.
  When calling 911 for assistance, clearly state the type of emergency: police, fire, or medical. Clearly state your name, location, and telephone number, building and room number. Describe the emergency and follow the dispatcher’s instructions. Do not hang up until told to do so by the 911 dispatcher. When it is safe to do so, please call Public Safety at (206) 934-5442.
- For all on-campus security and safety concerns, call Public Safety at (206) 934-5442, or stop by room BE 1108 to report a concern.
  See page 43 for more information on personal safety.

RECREATION & Fitness
Charles H. Mitchell Student Activity Center (MAC)
(206) 934-6315
seattlecentral.edu/wp/mac
7am–8pm, Mon–Fri; 10am–4pm, Sat and Sun
The Mitchell Activity Center offers a wide range of recreational and fitness activities. The facility includes a basketball gym, a running track, indoor squash and racquetball courts, a well-equipped game room, weight room, pool and ping-pong tables, cardiovascular workout equipment, as well as men’s and women’s saunas. Drop-in fitness classes, recreational tournaments, and events for students are also offered. Membership for faculty/staff and community members is also available.

Student INSURANCE
For information on student injury and health insurance, contact the Student Leadership office at (206) 934-6924. International students should contact the International Programs office.
  See page 37 for information on student insurance.

STUDENT LEADERSHIP Division
Student Leadership
(206) 934-6924  SAC 350 (Above the bookstore)
seattlecentral.edu/student-leadership
Student Leadership facilitates leadership development and supports involvement through many activities. Students can develop and practice organizational and leadership skills in a nurturing learning environment, enhancing personal, social and professional development.

Associated Student Council (ASC)
(206) 934-4057  SAC 356
The ASC, the official student government of Central, is responsible for representing student interests to the college administration. ASC organizes a broad range of student committees, addresses issues and promotes services that enhance students’ experience. ASC has six student executives, chosen each spring by a student vote, and six associates who work on specific projects.

College Activities Board
(206) 934-6335  SAC 355
The College Activities Board (CAB) develops and organizes multicultural events and activities that celebrate diversity, involvement and collaboration, including the annual Unity Fair. CAB members learn all aspects of event planning.

Global Engagement Team (GET)
(206) 934-0971  MAC 314
The GET works to maximize interaction between local and international students, by coordinating the Conversation Partners language exchange program, assisting with orientation, and providing leadership opportunities that enhance the international student experience.

Organizations, Clubs and Student Organization Resource Council
(206) 934-3165  SAC 357
Participation in student organizations and clubs can enhance a student’s education, create new friendships and community, and build new skills. Contact the office for a list of student organizations on campus. The Student Organizations Resource Council (SORC) facilitates the organization and orientation of campus clubs, reviews student organization funding requests, and presents a Student Involvement Fair every quarter.

Committee Involvement
Committees work on a particular campus project or issue, sometimes as part of a larger group. Students can participate in campus planning and decision-making through both student and campus-wide committees. Information is available in the Student Leadership Office.
Leadership Institute
Drop-in training sessions every Tuesday at 2:00pm in MAC 210 are open to all students. Facilitated by various Central staff and Seattle community members, sessions cover essential leadership topics such as time management, individual core values, and listening skills.

Tournaments & Games Team
(206) 934-6315  MAC 151
Tournaments and Games Team (TAG) organizes and facilitates recreational sports activities and tournaments that promote student involvement, fair play and physical activity.

Website & Publications Team
(206) 934-0943  BE 4108
The Student Website and Publications (SWAP) Team is responsible for presenting the voice of students on campus through online and print publications that feature the creative, artistic and intellectual work of Seattle Central students, including fair, accurate, and inclusive reporting and analysis of activities and events on campus.

Outreach & Recruitment Team
(206) 934-3898  BE 1104
The College Outreach and Recruitment Team (CORT) promotes and recruits community members to come to Central, and represents the college at off-campus community festivals, national college fairs, and high school panels. CORT also provides guided campus tours and information presentations.

Phi Theta Kappa
(206) 934-2928
Phi Theta Kappa is the International Academic Honor Society of the Two-year College. The members of Seattle Central 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.

Student Development Transcript
The Student Development Transcript (SDT) provides an official record of students’ involvement in clubs, boards, committees and other extra-curricular activities and accomplishments at Central, which can enhance their applications for transfer to four-year institutions, for scholarships, and for employment.

Seattle Central Alumni Programs
seattlecentralalumni.org
Seattle Central Alumni Programs provide networking opportunities for alumni to remain connected to Seattle Central and to share their experiences with current students.

TRANSPORTATION & PARKING
Seattle Central Transportation Services
Room BE 1143
(206) 934-6932 (Parking)
seattlecentral.edu/transportation

Alternative Transportation
Seattle Central encourages alternate forms of transportation like mass transit, biking, carpooling, and walking. Bike racks/lockers are available on campus. Central’s main campus is well-served by Metro. 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 Sound Transit and Community, Everett, Kitsap, Metro, Pierce transit systems. For additional information, contact our office or visit our website.

Public Parking
A very limited supply of parking permits for Central’s parking garage is available for purchase by students who live more than five miles away. 30 days before the quarter starts, individual or carpool permits may be purchased online at seattlecolleges.edu/parkingpermits.

Affiliate Organizations

The Seattle Central FOUNDATION
(206) 934-5491
seattlecentral.edu/foundation

The Seattle Central Foundation supports students, faculty and programs by raising funds and providing resources to help students achieve their fullest potential through quality education. The Foundation awards hundreds of thousands of dollars in scholarships and also supports college-wide tutoring services, faculty development, and other programs and activities not funded by state or federal funds.

One scholarship is the Seattle Central Promise which has a goal to provide a full scholarship to every student at Seattle Central who demonstrates financial need, enrolls full-time and maintains at least a 3.0 GPA.

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. Central’s Foundation is a 501c3, non-profit organization.
PROGRAMS OF STUDY at Central

8 Educational Directions

1. College Transfer
2. Professional & Technical Programs
3. Bachelor’s Degrees
4. Continuing Education
5. Bridge to College / Pre-College Programs
6. eLearning / Distance Education
7. International Programs
8. Worker Retraining Program

GENERAL EDUCATION
Definition and Rationale
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 ARTS DEGREE
Learning Outcomes
See page 5.

ASSOCIATE OF SCIENCE DEGREE
Learning Outcomes
Seattle Central 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
Seattle Central 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 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.

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

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

See pages 7-9 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 one of the Seattle Colleges (North, Central or South) awarding the degree and meet all degree requirements. Students should contact an advisor to develop their programs of study.

### ASSOCIATE OF ARTS OR SCIENCES: SPECIAL EMPHASIS AREAS

Students planning to transfer to a four-year institution and pursue a specific field of study should work closely with their advisor to plan their Associate of Arts (A.A.) or Associate of Science (A.S.) degree. In addition to the A.A. and A.S. degrees, special courses of study have been designed for the following areas of emphasis at Seattle Central College.

#### 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 that 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 Central Advising Office for further information.

#### Emphasis in Global Health

The Global Health emphasis can be completed within either the A.A. or A.S. transfer degrees and places a priority on improving health and achieving health equity. The focus is on worldwide health access and improvement, reduction of disparities, and protection against global health challenges. It prepares students to work with diverse populations, provide international service and understand the nuances of global health care.

#### Emphasis in Global Studies

This emphasis can be completed within either the A.A. or A.S. transfer degrees and integrates the study of politics, economics and the arts with the analysis of cultural practices, beliefs and social systems. Students learn to appreciate and understand world cultures, focus on themes of global significance and develop an interdisciplinary approach to international issues.
Emphasis in Sustainable Agriculture
This innovative emphasis offers interdisciplinary courses and hands-on service-learning and internship opportunities in the emerging field of urban agriculture. The emphasis provides a foundation of knowledge and skills for students interested in pursuing related education at four-year institutions or entering the green workforce. For details, contact Central Advising Office or visit seattlecentral.edu/learn/sage.

ASSOCIATE OF SCIENCE TRANSFER (A.S.) DEGREE
The Associate of Science (A.S.) is designed to transfer to a four-year college or university in the state of Washington. A.S. degree requirements include satisfactory completion of at least 90 approved credits with a 2.0 cumulative GPA. At least 15 college level credits must be earned at the Seattle College awarding the degree.
Two different study options are offered:
1. biological sciences, environmental/resources sciences, chemistry, geology and earth sciences
2. engineering, computer science, physics and atmospheric science.

Please see page for more information on this degree program and contact an advisor.

ASSOCIATE OF SCIENCE (A.S.)
The Associate of Science (A.S.) is intended to be a transfer degree. However, there are certain major areas of study in which the student may not be able to take all the courses necessary to transfer with junior standing. Please contact an advisor for more information on this degree program.
A.S. degree requirements include satisfactory completion of at least 90 approved credits with a 2.0 cumulative GPA. At least 15 college level credits must be earned at the Seattle College awarding the degree.

ASSOCIATE IN BUSINESS (A.B.-DTA)
Direct Transfer Agreement
Students who complete the A.B. can fulfill many of the general education and business major prerequisites required for many Washington state public four-year college and university business programs.

Associate in Business Requirements
This degree shall be granted only to students who have completed 90 college level credits with a minimum cumulative 2.0 GPA.

NOTE: While many Washington state universities accept transfer of this degree, each has individual requirements and/or acceptable course substitutions needed for their specific programs. Also, admission to many business schools is competitive and higher grades are often required. It is essential to learn the requirements of your transfer school and to consult Advising.

GENERAL EDUCATION REQUIREMENTS
Communication Skills
ENGL& 101 English Composition I .......................... 5
ENGL& 102 English Composition II ....................... 5

Quantitative/Symbolic Reasoning Skills
MATH 116 Application of Math to Management, Life and Social Sciences .......................... 5
MATH 148 Elements of Calculus ............................ 5
-OR-
MATH& 141 Pre-Calculus I .................................. 5
MATH& 142 Pre-Calculus II .................................. 5
MATH& 151 Calculus I ....................................... 5

Visual, Literary, and Performing Arts
Choose from a minimum of two different prefixes* ................ 15
* One U.S. Cultures class. See advisor for other electives.

Individuals, Cultures, and Societies
ECON& 201 Micro Economics ............................... 5
ECON& 202 Macro Economics ............................... 5
Non-ECON& prefix course ................................. 5

The Natural World
Physical, biological, and/or earth sciences .................. 10
(at least one 5-credit laboratory course must be included)
BUS 210 Business & Economic Statistics .................. 5
-OR-
MATH& 146 Intro to Statistics ............................. 5

BUSINESS REQUIREMENTS
ACCT& 201 Principles of Accounting I .................... 5
ACCT& 202 Principles of Accounting II ..................... 5
ACCT& 203 Principles of Accounting III ..................... 5
BUS& 201 Business Law ...................................... 5
General Electives* ........................................... 5
TOTAL CREDITS ........................................... 90
ENGINEERING PRE-MAJORS
Science & Math Division
(206) 934-3858

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, 59 for A.A. and A.S. degree requirements.

B.A.S. ALLIED HEALTH SCIENCES
(206) 934-4347
seattlecentral.edu/career/healthcare

The Bachelor of Applied Science in Allied Health Sciences degree is designed for those students who have completed allied health occupational certificates, health-related professional licenses, and allied health associate degree programs. Graduates will help meet the growing demand for baccalaureate level allied health practitioners in the Seattle-King County area. Allied Health B.A.S. degree students select one of four allied health tracks:
- Community Health & Education Track
- Dental Hygiene Track
- Healthcare Services Management Track
- Respiratory Care Track

Community Health & Education Track
Bachelor of Applied Science in Allied Health
Prerequisite: Completion of A.A.S.-T in Allied Health. Consult with the department for a list of specific prerequisites and about upper division courses that are currently under development.

Dental Hygiene Track
Bachelor of Applied Science in Allied Health
The accredited Dental Hygiene program has been expanded and new students will receive a Bachelor of Applied Science (B.A.S.) degree in Allied Health with an emphasis in Dental Hygiene. Once prerequisites are met, students start the program in Spring Quarter and take classes in sequence. After 95 credits are earned, students will receive an Associate of Applied Science (A.A.S.-T) degree in Allied Health and can then continue to the B.A.S. degree. Consult the department for specific prerequisites.

Prerequisites: ENGL 101, 102; BIOL 241, 242, 260; CHEM 121, 122; MATH 146; PSYC 100; SOC 101; ANTH 206; NTR 150; HUM 105; 5 cr Humanities elective.

| AHE 128 Intro to Healthcare Practice | 4 |
| AHE 129 Intro to Healthcare Practice Lab | 1 |
| AHE 320 Research Methodology & Quantitative Principles | 5 |
| AHE 401 Research Methods | 5 |
| DHY 250 Oral Biology | 2 |
| DHY 251 Human Pathophysiology | 3 |
| DHY 252 Fundamentals of Dental Hygiene I | 3 |
| DHY 253 Clinical Dental Hygiene | 3 |
| DHY 254 Health Promotion | 2 |
| DHY 255 Dental Radiology I | 2 |
| DHY 256 Dental Radiology II | 2 |
| DHY 257 Head & Neck Anatomy | 2 |
| DHY 258 Dental Anatomy & Morphology | 2 |
Programs of Study

Central

DHY 259 Dental Anatomy & Morphology Practice ............... 1
DHY 260 Emergency Management .................................. 1
DHY 261 Preventive Dentistry ........................................ 2
DHY 300 Clinical Dental Hygiene II ................................. 4
DHY 301 Clinical Dental Hygiene III ................................. 4
DHY 302 Clinical Dental Hygiene IV ................................. 8
DHY 303 Fundamentals of Dental Hygiene II ...................... 3
DHY 304 Fundamentals of Dental Hygiene III ..................... 2
DHY 305 Fundamentals of Dental Hygiene IV ..................... 2
DHY 307 Restorative Practice & Materials I Lab/Clinic ........ 1
DHY 308 Restorative Practice & Materials II ........................ 2
DHY 309 Restorative Practice & Materials II Lab/Clinic ....... 1
DHY 310 Restorative Practice & Materials III ..................... 2
DHY 311 Pain Control Anesthesia .................................... 2
DHY 312 Pain Control Anesthesia Lab/Clinic ..................... 2
DHY 313 Periodontology I ............................................. 3
DHY 314 Dental Radiology II ........................................... 2
DHY 315 Dental Radiology II Lab/Clinic ............................. 1
DHY 318 Oral Pathology .................................................. 2
DHY 323 Pharmacology .................................................. 3
DHY 391 Community Health I ......................................... 1
DHY 400 Advanced Practicum in Dental Hygiene I ............. 8
DHY 401 Advanced Practicum in Dental Hygiene II .......... 8
DHY 402 Advanced Practicum in Dental Hygiene III ........... 8
DHY 404 Principles of Dental Hygiene Practice I ................ 3
DHY 405 Principles of Dental Hygiene Practice II ............... 2
DHY 406 Principles of Dental Hygiene Practice III ............. 1
DHY 407 Strategies of Capstone Project ......................... 1
DHY 408 Capstone ....................................................... 1
DHY 409 Ethics & Jurisprudence ....................................... 2
DHY 410 Restorative Materials IV .................................... 2
DHY 411 Restorative Practice & Materials V Lab/Clinic .......... 2
DHY 412 Restorative Materials VI Lab/Clinic ....................... 2
DHY 413 Periodontology II ............................................. 2
DHY 414 Selective Populations ......................................... 1
DHY 415 Selective Populations Lab/Clinic ........................... 1
DHY 416 Professional Issues ............................................ 1
DHY 419 Community Health II ......................................... 2
DHY 420 Community Health III ....................................... 1

TOTAL UPPER DIVISION CREDITS FOR B.A.S. DEGREE 100
TOTAL PROGRAM CREDITS INCLUDING PREREQS AND A.A.S.-T DEGREE 195

Healthcare Services Management Track
Bachelor of Applied Science in Allied Health

Prerequisite: Completion of A.A.S.-T in Allied Health. Consult with the department for a list of specific prerequisites and about upper division courses that are currently under development.

Respiratory Care Track
Bachelor of Applied Science in Allied Health

The accredited Respiratory Care Practitioner program has been expanded and new students will receive a Bachelor of Applied Science (B.A.S.) degree in Allied Health with an emphasis in Respiratory Care. Once prerequisites are met, students start the program in Spring Quarter and take classes in sequence. After 90 credits, students will receive an Associate of Applied Science (A.A.S.-T) degree in Allied Health and will then continue working toward a B.A.S. degree. Consult with the department for specific prerequisites.

AHE 320 Research Methodology & Quantitative Principles .... 5
AHE 330 Information Literacy in Health Sciences ............... 5
CHE 304 Principles of Higher Ed & Professional Training .... 5
RCP 320 Acute Care Clinical I ......................................... 4
RCP 328 Advanced Therapeutic Approaches ..................... 4
RCP 329 Adv Therapeutic Approaches: Equipment & Techniques ........................................ 1
RCP 330 Acute Care Clinical II ....................................... 5
RCP 333 Pathophysiology for Respiratory Care ................. 2
RCP 338 Fundamentals of Mechanical Ventilation ............. 4
RCP 339 Mechanical Ventilation Equipment & Techniques .... 1
RCP 340 Adult Critical Care Clinical I ............................... 4
RCP 347 Cardiology for Respiratory Care ......................... 2
RCP 348 Advanced Mechanical Ventilation ...................... 2
RCP 349 Adv Mechanical Ventilation Equipment & Techniques ........................................ 1
RCP 450 Adult Critical Care Clinical II ............................. 6
RCP 451 Neonatal/Pediatric Pathophysiology ..................... 2
RCP 455 Advanced Pharmacology .................................... 2
RCP 458 Fundamentals of Neonatal/ Pediatric Respiratory Care ........................................ 4
RCP 459 Neonatal/Pediatric Respiratory Care Equipment & Techniques ........................................ 1
RCP 460 Neonatal/Pediatric Pathophysiology ..................... 6
RCP 463 Advanced Pathophysiology ................................ 2
RCP 464 Pulmonary Rehabilitation & Home Care ................ 2
RCP 467 Advanced Cardiopulmonary Physiology ................ 2
RCP 468 Advanced Cardiopulmonary Diagnostics ............... 3
RCP 469 Diagnostic Equipment & Techniques .................... 1
RCP 470 Adult Critical Care Clinical III ............................ 6
RCP 472 Advanced Practitioner Exam Review .................... 1
RCP 476 Advanced Patient Assessment ............................ 3
RCP 479 Senior Capstone Project .................................... 4

TOTAL UPPER DIVISION CREDITS FOR B.A.S. DEGREE 90
Central Programs of Study

B.A.S. APPLIED BEHAVIORAL SCIENCE
(206) 934-3101
seattlecentral.edu/bachelors/allied-health

The Bachelor of Applied Science (B.A.S.) in Applied Behavioral Science offers a substantive, human services four-year degree for direct service practitioners. This program is designed for students with an Associate of Applied Science two-year degree in social and human services, early childhood education, interpreting services, or a related degree. Applications are accepted for Fall and Winter Quarter entry. A minimum 2.5 cumulative GPA is required for application; however, entry to the program is competitive.

Prerequisites: An Associate of Applied Science (A.A.S.) degree consisting of 90–120 credits, including General Education requirements and 30 specific credits in one of these majors:

General Education (40 cr.): ENGL& 101, 102; CMST& 101; SOC& 101, PSYC& 101; 5 cr. Math 107 or higher; 5 cr. Lab Science; 5 cr. Social Science/Humanities.

Human Services Core (30 cr.): SHS 100, 103, 106, 108, 197, 198, 199.

Child & Family Studies (30 cr.): CFS 110, 120, 130, 245, 263, 270, 284, 296-299.

Interpreting Services (30 cr.): 10 cr. World Languages; 10 cr. Field Placement; 5 cr. Cultural Studies; 5 cr. Ethics course.

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 Research & Assessment .................................................. 5
ABS 360 Public Policy Analysis ..................................... 5
ABS 410 Relationships between Economic & Political Systems .................................................. 5
ABS 415 Cross-Cultural Competency in Human Services .. 5
ABS 430 Sociology of Families .................................... 5
ABS 495 Senior Capstone Project .................................. 5
ABS 497 Advanced Field Placement I ........................... 5
ABS 498 Advanced Field Placement II ........................... 5
TOTAL .......................... 60

RELATED ELECTIVES .......................... 50
50 additional credits from approved lists. Contact Division Office.

TOTAL CREDITS FOR B.A.S. DEGREE .......................... 180

4 | CONTINUING Education

Center for Extended Learning
(206) 934-5448

The Center for Extended Learning 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 eLearning education programs.

COMMUNITY EDUCATION CLASSES
(206) 934-5448

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.

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

PROFESSIONAL EDUCATION Classes and Certificates
(206) 934-5448
learnatcentral.org

Our Professional Education Division offers a number of short-term certificate programs to help upgrade skills or prepare people for a career change. Certificates are offered in AutoCAD, National Personal Trainer, Nutritional Therapy, and Paralegal. Visit the website for a complete list.

COOPERATIVE EDUCATION & SERVICE-LEARNING
(206) 934-5422
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 that recruit on campus.

Travel/Study Courses
Cooperative Education
(206) 934-6998
seattlecentral.edu/coop/travel_courses seattlecolleges.edu/international/studyabroad.aspx
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, or work/internship/volunteer activities. The website lists possible credit courses. Students are charged a per-course fee.

Teacher Training/Education Programs
(206) 934-5448
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.

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 | Bridge to College/Pre-College Programs

Basic & Transitional Studies Division
(206) 934-4180
seattlecentral.edu/basic
Basic studies courses provide instruction for those who want to improve their English, to improve basic verbal and math skills, to earn a high school diploma or GED in order to get better jobs, to continue their education and prepare for college-level work, or to enter college while still in high school. Each of the programs in this area is designed to meet a particular set of student needs.

Bridge to College Programs:
- Developmental Education
- English as a Second Language – Advanced Levels
- Concurrent High School / College Programs

Pre-College Programs:
- Adult Basic Education
- ESL – Beginning & Intermediate Levels
- GED Preparation
- High School Completion
Bridge to College Programs:

DEVELOPMENTAL EDUCATION
English, Mathematics and Human Development 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 Colleges offer a series of courses in English, mathematics and human development. Placement in one or more of these courses is determined by performance on placement tests required for admission to the specific college program or courses. Courses in this category are those numbered below 100. They are described in the course description sections for English (ENGL), mathematics (MATH) and human development (HDC). For more information contact the Basic & Transitional Studies division counselor at (206) 934-4180.

TRANITIONAL ESL
English as a Second Language
Placement in transitional ESL classes (ESL 093-099) is done by ESL COMPASS testing. These courses prepare students for college-level work with increasing emphasis on note-taking, composition, oral presentation, and class discussion at high levels. Although these classes do not count as credit for college-level work, ESL 093-099 can be covered by financial aid. Tuition for these classes is the same as regular tuition.

For information on more basic ESL classes (levels 1-5), see page 23.
NOTE: International Students should take ESL classes through International Programs, page 27.

CONCURRENT High School/College Programs
Running Start
(206) 934-3820
seattlecentral.edu/runstart
Eligible junior and senior high school students can earn high school and college credit simultaneously by taking courses at Seattle Central at reduced or free tuition.

Pre-College Programs:

ADULT BASIC EDUCATION
seattlecentral.edu/basic/abe-ged
Adult Basic Education (ABE) classes are for adults who already know English but wish to improve their basic reading, writing, and math skills. Students can start at a level matching their current skills and progress at their own pace. Classes in basic math and reading, writing and communication skills are designed to help adults become more self-sufficient, improve their job prospects, prepare for high school equivalency options, such as the General Education Development (GED) or qualify for entry into post-secondary education programs. Course descriptions are listed under ABE and/or GED. Classes are non-credit. Tuition is currently $25 per quarter (subject to change).

ENGLISH as a Second Language (ESL)
English as a Second Language (ESL) classes, levels 1-5, are offered to help non-native speakers communicate in English and increase their understanding of American culture. Conversation, pronunciation, reading, writing, and grammar are taught through topics important to adult students. These non-credit courses cost $25 per quarter tuition (subject to change). Course descriptions are found under ESL. When students test high enough, they can move to the Transitional ESL level, ESL 093-099, which concentrate on college-preparation skills.

GED® Preparation
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, 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 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 GED. Tuition is $25 per quarter (subject to change).

See page 23 for more information.
**HIGH SCHOOL COMPLETION**

For students who have not completed work for a high school diploma, High School Completion offers the opportunity to earn the diploma through two options: the Standard High School Diploma and the Associate Degree Conversion Diploma. Students planning to work toward a high school diploma should obtain a copy of “Requirements for the High School Diploma” brochure from the Admissions Office for complete information.

*See page 24 for details about the diploma options and possible tuition waiver for high school completion.*

---

**6 | ELEARNING**

**Distance Education**

(206) 934-4060
seattlecentral.edu/distance/

The eLearning/Distance Education Office at Seattle Central, now part of the Center for Extended Learning, provides information and support services for students taking online, correspondence, seminar and video courses. Students taking eLearning courses experience the same curriculum, content and challenges as on-campus courses while benefitting from the flexibility of fewer or no campus visits.

*See page 25 for information on eLearning/distance education options.*

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**7 | INTERNATIONAL**

**Programs**

**INSTITUTE OF ENGLISH**

(206) 934-3893
seattlecentral.edu/international/institute-of-English

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 27 for further information.*

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**TRAVEL/STUDY ABROAD**

(206) 934-6966
seattlecolleges.edu/international/studyabroad.aspx

For a list of district-wide Travel/Study Abroad courses, visit the website.

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**8 | WORKER RETRAINING Program**

(206) 934-3854
seattlecentral.edu/workerretraining

Worker retraining at Seattle Central College is a package of services, opportunities, and specialized instructional programs to help candidates return to work as soon as possible. A person may be eligible for Worker Retraining Assistance if he or she:

- Is unemployed and is collecting Washington State Unemployment Benefits
- Has exhausted unemployment benefits in the past two years
- Has been working in the home, experiences a significant loss of income and needs to re-enter the workforce
- Has received a WARN letter
- Has closed a business due to economic downturn
- Is working in a not-in-demand job (along with other criteria)
- Has lost a job because of a disaster
- Separated from the military with an honorable discharge within the last 24 months
- Suffered a loss of more than 50% of household income due to a divorce, separation, or death of a spouse or partner within the last 24 months

**WORKER RETRAINING BENEFITS INCLUDE:**

- Priority registration
- Tuition assistance career planning services
- High wage, high demand training programs
- Tutoring assistance
- Employment Security staff on campus
- Assistance with TAA and CAT/TB paperwork
- Liaison to other agencies, programs and funding

*See page 29 for additional information.*
Professional Technical Programs

Seattle Central College offers degrees and certificates in more than 30 workforce education areas, including several Bachelor of Applied Science degrees. See page 18. 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 College is accredited by the Northwest Commission on Colleges and Universities.

ALLIED HEALTH DIVISION
(206) 934-4347

The Associate of Applied Science degree in Allied Health was conceived as a bridge between a transfer degree and vocational certificates. The degree is designed to prepare students to enter the workplace in an Allied Health career with advanced college level skills in math, science and humanities. Graduates are also eligible to transfer into one of Central’s B.A.S. degrees or to another college or university. The goal of this degree is to provide vertical career mobility for students with an Allied Health vocational training certificate or to provide technical skills to those who have general education credits. Those with this degree can enter other Allied Health associate level programs. It provides a link between vocational education and higher education at the baccalaureate level.

Certificate Students (e.g. dental assisting, nursing assistant, medical assistant, and similar programs) will typically have from 30 to 45 credits in a specialty or certificate major. They must have completed Math 107 or 146, Psychology 201, English& 101, basic computer skills, and a competency assessment prior to being accepted into the Allied Health associates program. To complete their associate degree in Allied Health, they must complete college distribution requirements and additional credits. Some of these courses may have prerequisites, so check with an advisor.

Students who do not come from a certificate program, must complete college distribution requirements and choose 30 credits from Allied Health/Global Health electives plus other electives to make up 90 credits. Check with you advisor for appropriate electives from Allied Health, Global Health or B.A.S. courses. A student who chooses a career path in public health may alter the curriculum to suit entrance requirements into the UW School of Public Health.

Associate of Applied Science-T in Allied Health

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL&amp; 160</td>
<td>General Biology with Lab.</td>
<td>5</td>
</tr>
<tr>
<td>BIOL&amp; 241</td>
<td>Human Anatomy &amp; Physiology 1.</td>
<td>5</td>
</tr>
<tr>
<td>BIOL&amp; 242</td>
<td>Human Anatomy &amp; Physiology 2.</td>
<td>5</td>
</tr>
<tr>
<td>CHEM&amp; 121</td>
<td>Intro to Chemistry</td>
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</tr>
<tr>
<td>CHEM&amp; 122</td>
<td>Intro to Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>ENGL&amp; 101</td>
<td>English Composition</td>
<td>5</td>
</tr>
<tr>
<td>ENGL&amp; 102</td>
<td>Composition II</td>
<td>5</td>
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<tr>
<td>HUM 105</td>
<td>Intercultural Communication</td>
<td>5</td>
</tr>
<tr>
<td>MATH&amp; 107</td>
<td>Math in Society</td>
<td>5</td>
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- OR -

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<th>Title</th>
<th>Credits</th>
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<tr>
<td>MATH&amp; 146</td>
<td>Intro to Statistics</td>
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<td>NTR 150</td>
<td>Human Nutrition</td>
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<td>PSYC&amp; 100</td>
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<tr>
<td>SOC&amp; 101</td>
<td>Intro to Sociology</td>
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- OR -

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<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
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<td>Cultural Anthropology</td>
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ALLIED HEALTH ELECTIVES

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>HEA 125</td>
<td>Health &amp; Wellness</td>
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<td>HEA 150</td>
<td>Health &amp; Human Sexuality</td>
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<td>HEA 160</td>
<td>Human Wellness &amp; Fitness</td>
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<td>HEA 225</td>
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<tr>
<td>HEA 226</td>
<td>Advanced Global Health Seminar</td>
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</table>

TOTAL CREDITS MINIMUM 90

APPAREL DESIGN & DEVELOPMENT

School of Apparel Design & Development
Business, Information Technologies & Creative Arts Division
(206) 934-3830

The School of Apparel Design & Development at Central is the most technically oriented design program in the region, with a track record for training the region’s best fashion design talent. The comprehensive curriculum is aligned to current apparel industry trends to offer relevant technical and creative skills to prepare students to succeed in a competitive industry. Students earn an Associate of Applied Science degree upon completion of 93 credits of course work over six quarters.

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

PREREQUISITE/SKILL DEVELOPMENT

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>APPRL 096</td>
<td>AD&amp;D Skill Development 1</td>
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<td>APPRL 098</td>
<td>AD&amp;D Skill Development 2</td>
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<tr>
<td>APPRL 100</td>
<td>AD&amp;D Skill Development 3</td>
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### TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>APPRL 101</td>
<td>Construction 1 - Professional Techniques</td>
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<tr>
<td>APPRL 102</td>
<td>Construction 2 - Professional Techniques</td>
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<td>APPRL 103</td>
<td>Construction 3 - Professional Techniques</td>
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<tr>
<td>APPRL 104</td>
<td>Alterations &amp; Fitting</td>
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<tr>
<td>APPRL 111</td>
<td>Patternmaking 1 - Flat Pattern and Drafting</td>
<td>4</td>
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<tr>
<td>APPRL 112</td>
<td>Patternmaking 2 - Draping</td>
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<td>APPRL 113</td>
<td>Patternmaking 3 - Design by Flat Patternmaking</td>
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<td>APPRL 130</td>
<td>Apparel Manufacturing</td>
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<tr>
<td>APPRL 131</td>
<td>Business Practices in Fashion</td>
<td>3</td>
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<tr>
<td>APPRL 141</td>
<td>Design 1 - Principles of Design</td>
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<tr>
<td>APPRL 142</td>
<td>Design 2 - Fabric Science &amp; Textiles</td>
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<tr>
<td>APPRL 143</td>
<td>Design 3 - Color &amp; Palettes</td>
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<tr>
<td>APPRL 151</td>
<td>Computer Applications for Apparel Design 1</td>
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<td>APPRL 197</td>
<td>Work Experience in Apparel Design</td>
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<tr>
<td>APPRL 201</td>
<td>Ready-to-Wear Construction</td>
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<td>APPRL 202</td>
<td>Active Sportswear Construction</td>
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<td>Pattern Design for Ready-to-Wear</td>
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<td>APPRL 212</td>
<td>Pattern Design for Active Sportswear</td>
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<td>APPRL 221</td>
<td>Pattern Grading</td>
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<td>Computerized Pattern Grading</td>
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<td>APPRL 230</td>
<td>Portfolio &amp; Resume Development</td>
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<tr>
<td>APPRL 241</td>
<td>Design 4 - Print &amp; Pattern</td>
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<td>APPRL 242</td>
<td>Design 5 - Line Design</td>
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<td>APPRL 260</td>
<td>Fashion History</td>
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<tr>
<td>APPRL 270</td>
<td>Final Line Design &amp; Development</td>
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</table>

### BUSINESS INFORMATION TECHNOLOGY

**Technical Specialty Programs**

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, cross-disciplinary curriculum emphasizes business project-based learning, information literacy, diversity, and professionalism. A cumulative GPA of 2.0 or higher is required to attain the BIT Short Term Entrepreneur and Stackable Certificates, BIT One Year Certificate, and the BIT A.A.S. Degree. Course grades of 2.0 or higher are required in BUS 116, 131, 170 and 171.

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

---

### BIT (Short Term) Office Assistant Certificate

**REQUIRED COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS 113</td>
<td>Diversity Issues in Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
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<tr>
<td>BUS 140</td>
<td>Customer Relations</td>
<td>5</td>
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<tr>
<td>BUS 170</td>
<td>Information Technology I</td>
<td>4</td>
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<tr>
<td>BUS 164</td>
<td>Career Development I</td>
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**TOTAL CREDITS**

19

### BIT (Short Term) Office Support Certificate

**REQUIRED COURSES**

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BUS 100</td>
<td>Fundamentals of Supervision</td>
<td>3</td>
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<tr>
<td>BUS 116</td>
<td>Business Math &amp; Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>BUS 132</td>
<td>Integrated Communications II</td>
<td>5</td>
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<tr>
<td>BUS 171</td>
<td>Information Technology II</td>
<td>4</td>
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<tr>
<td>BUS 165</td>
<td>Career Development II</td>
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**TOTAL CREDITS**

19

### BIT (Short Term) Office Professional Certificate

**REQUIRED COURSES**

<table>
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<tr>
<td>BUS 103</td>
<td>Human Resource Management</td>
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<tr>
<td>DES 114</td>
<td>Media Publishing I</td>
<td>3</td>
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<tr>
<td>BUS 172</td>
<td>Information Technology III</td>
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<tr>
<td>BUS 182</td>
<td>Records &amp; Information Management</td>
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<tr>
<td>BUS 166</td>
<td>Career Development III</td>
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**TOTAL CREDITS**

17

### BIT One Year Certificate

**REQUIRED COURSES**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BUS 113</td>
<td>Diversity Issues in Business</td>
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</tr>
<tr>
<td>BUS 116</td>
<td>Business Math &amp; Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
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<tr>
<td>BUS 132</td>
<td>Integrated Communications II</td>
<td>5</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Customer Relations</td>
<td>5</td>
</tr>
<tr>
<td>BUS 170</td>
<td>Information Technology I</td>
<td>4</td>
</tr>
<tr>
<td>BUS 171</td>
<td>Information Technology II</td>
<td>4</td>
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<tr>
<td>BUS 172</td>
<td>Information Technology III</td>
<td>4</td>
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<tr>
<td>BUS 182</td>
<td>Information &amp; Records Management</td>
<td>5</td>
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<tr>
<td>BUS 197</td>
<td>Work Experience/Business Occupations</td>
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<tr>
<td>BUS 216</td>
<td>Professional Development</td>
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**TOTAL CREDITS**

49
BIT Associate of Applied Science Degree (A.A.S.)

Completion of one-year certificate ................................ 49
ACCT&  201  Principles of Accounting I ................ 5
BUS    100  Fundamentals of Supervision ............... 3
BUS    185  Small Business Management ............... 5
-OR-
BUS    101  Intro to Business ............................ 5
BUS    103  Human Resour. .............................. 4
DES    114  Media Publishing I ....................... 3
BUS    184  Business Database Applications .......... 5
CMST&  101  Intro to Communication ................. 5

RELATED INSTRUCTION ELECTIVES
Select 10 credits from approved list ....................... 10
See BITCA Counselor

TOTAL CREDITS 92

CHILD & FAMILY STUDIES

Child & Family Studies
(206) 934-3270

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 Practicum ............................ 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  25
Select 25 credits from a long list of courses. Course list available in CFS office or with advisor.

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

TOTAL CREDITS 45

CULINARY ARTS

Seattle Culinary Academy
Culinary Arts
(206) 934-5424

The Culinary Arts program is a six-quarter (certificate) or seven-quarter (A.A.S. degree) course of study. The curriculum builds on classical techniques by integrating the modern cooking styles and methods of a variety of international cuisines, as well as seasonal Northwest cooking. Our focus is on sustainable principles and practices in order to teach our students about their impact on and responsibility for the environment and society. This education is enhanced by our campus greenhouse and Skagit Valley farm curricula.

Students learn to prepare appetizers, soups, sauces, salads, entrées, vegetables and starches, breads, pastries and desserts. They also learn to identify and fabricate meat, poultry and fish. In addition to cooking and pastry techniques, the program covers sanitation, nutrition, management, purchasing, costing, menu development, as well as food and wine pairing.

Seattle Central’s Culinary Arts program meets the needs of those new to food preparation as well as those who have industry experience and wish to develop a broader range of skills. Many of our students have a degree in another field and wish to make a career change.

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.

The Seattle Culinary Academy’s certificate programs are accredited by the American Culinary Federation Education Foundation’s Accrediting Commission and have received exemplary status.

Culinary Arts Certificate

PREREQUISITES

ENGL  105  Applied Composition* .................... 3
MATH  110  Applied Math for Technicians ............ 3

*or successful completion of college-level English composition and math classes
### TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>BAK 115</td>
<td>Restaurant Baking Practicum</td>
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<tr>
<td>BAK 116</td>
<td>Fine Dining Baking Practicum</td>
<td>1</td>
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<tr>
<td>CUL 101</td>
<td>Food Theory I</td>
<td>6</td>
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<tr>
<td>CUL 102</td>
<td>Food Theory II</td>
<td>5</td>
</tr>
<tr>
<td>CUL 103</td>
<td>Food Theory III</td>
<td>4</td>
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<tr>
<td>CUL 104</td>
<td>Food Theory IV</td>
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<tr>
<td>CUL 111</td>
<td>Intro to Professional Cooking Practicum</td>
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<td>CUL 112</td>
<td>Quantity Cooking Practicum</td>
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<tr>
<td>CUL 113</td>
<td>Restaurant Cooking Practicum</td>
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<td>CUL 114</td>
<td>International Cooking Practicum</td>
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<td>CUL 120</td>
<td>Intro to Wine</td>
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<tr>
<td>CUL 151</td>
<td>Sustainable Food Systems Practices I</td>
<td>1</td>
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<td>CUL 152</td>
<td>Sustainable Food Systems Practices II</td>
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<td>CUL 205</td>
<td>Advanced Culinary Theory</td>
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<td>CUL 215</td>
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<td>CUL 251</td>
<td>Buffet Catering/Garde Manger/Ice Carving: Theory</td>
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<td>Buffet Catering/Garde Manger/Ice Carving: Practicum</td>
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<td>HOS 101</td>
<td>Customer Service Practicum I</td>
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<td>HOS 102</td>
<td>Customer Service Practicum II</td>
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<td>HOS 103</td>
<td>Customer Service Practicum III</td>
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<td>HOS 104</td>
<td>Customer Service Practicum IV</td>
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<td>HOS 108</td>
<td>Dining Room &amp; Kitchen Management</td>
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<td>HOS 110</td>
<td>Principles of Sanitation</td>
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<td>HOS 111</td>
<td>Dining Room Theory</td>
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<td>HOS 122</td>
<td>Purchasing &amp; Inventory Theory</td>
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<td>HOS 123</td>
<td>Food Costing Principles &amp; Application</td>
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<td>HOS 124</td>
<td>Computerized Menu Planning</td>
<td>2</td>
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<td>HOS 201</td>
<td>Functions of Management</td>
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### RELATED INSTRUCTION

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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 103</td>
<td>Nutrition for Food Service Professionals</td>
<td>3</td>
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<tr>
<td>MIC 102E</td>
<td>Computer Lab Survival Skills</td>
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<tr>
<td>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
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</table>

**TOTAL CREDITS**: 102

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

### ASSOCIATE OF APPLIED SCIENCE DEGREE (A.A.S.)

Completion of Certificate Requirements: 102

### RELATED ELECTIVES

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

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

**TOTAL CREDITS**: 118

---

### Specialty Desserts & Breads

Specialty Desserts & Breads program features comprehensive “hands on” and step-by-step training to prepare students to be professional bakers or pastry chefs.

Learn to create rustic artisan breads and doughs, plated desserts, decorative cakes, and mouthwatering pastries. Explore European specialties such as tarts, mousses, truffles, and petit fours. Discover the fine art of wedding cakes and cake decorating. Learn chocolate work with demonstrations on pulled and blown sugar, intricate decoration, and showpieces. Classroom theory instruction includes “hands-on” experience in how to serve breads and desserts for two on-campus restaurants and in our pastry shop.

Sustainable practices are integrated throughout the program, especially in food preservation and cheese production courses. Learn the value of buying seasonally and locally storing the bounties of the summer harvest and purchasing milk from local dairies.

The Specialty Desserts & Breads certificate is accredited by the American Culinary Federation Education Foundation’s Accrediting Commission and received exemplary status.

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

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
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<td>Applied Composition*</td>
<td>3</td>
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<tr>
<td>MATH 110</td>
<td>Applied Math for Technicians</td>
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*or successful completion of college-level English composition and math classes

### TECHNICAL SPECIALTY COURSES

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BAK 101</td>
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<td>Bred &amp; Food Preservation</td>
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<tr>
<td>BAK 103</td>
<td>Advanced Theory</td>
<td>4</td>
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<td>BAK 111</td>
<td>Intro to Desserts &amp; Breads Practicum</td>
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<td>Adv. Buffet Desserts &amp; Wedding Cakes Practicum</td>
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<td>BAK 126</td>
<td>Advanced Food Preservation</td>
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<td>Intro to Culinary Arts Theory</td>
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<td>Intro to Wine</td>
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<tr>
<td>CUL 151</td>
<td>Sustainable Food Systems Practices I</td>
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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 110 Principles of Sanitation .................. 3
HOS 122 Purchasing & Inventory ................. 1
HOS 123 Food Costing Principles & Application .... 1
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 77.5

Associate of Applied Science Degree (A.A.S.)
Completion of Certificate Requirements ............. 77.5

RELATED ELECTIVES 16
Select 4 credits from any humanities, social sciences, natural science or CSC class .............. 4
Select 12 credits from any CSC, BUS, MIC or college transfer class, or CUL 299 ............... 12

TOTAL CREDITS 93.5

EXPANDED FUNCTION DENTAL AUXILIARY
Allied Health Division
(206) 934-4186
www.efadacentral.net/

Expanded Function Dental Auxiliary 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 ...................... 4
EFDA 202 WREB Preparation ...................... 1
EFDA 212 Ethics & Jurisprudence .................. 1

TOTAL 15

GRAPHIC DESIGN
Business, Information Technologies & Creative Arts Division
(206) 934-3830

Graduates of the Graphic Design program get to work when they leave us. We concentrate on skills for immediate entry into the job market. Our curriculum is strong on graphic design fundamentals, yet explores and adapts to emerging communication technologies. We pride ourselves in keeping our curriculum current with changes and developments on an annual basis.

Conceptual design and technical skill combine to produce a competitive portfolio. Instructors with industry experience lead students in consecutive integrated tracks of print design and interaction design, which includes but is not limited to, Web Design, UI/UX, Mobile Apps, and Motion. Problem solving, strategy development, and powerful use of typography and visuals achieve our communication solutions. Classes are organized in collegial work groups mirroring a professional studio environment. Design theory and practice, along with production using current computer software, prepare students for a graphic design career in print and interactive media.

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

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

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<td>Typography I</td>
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<td>DES 122</td>
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<td>DES 131</td>
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<tr>
<td>DES 132</td>
<td>Graphic Design II</td>
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<td>DES 236</td>
<td>Graphic Design IX</td>
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<td>DES 145</td>
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<td>DES 146</td>
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<td>DES 260</td>
<td>Portfolio Prep</td>
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<tr>
<td>DES 270</td>
<td>Environmental Graphics</td>
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Applications Support
Certificate

TECHNICAL SPECIALTY COURSES

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<td>Computer Operating Systems</td>
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<tr>
<td>ITC 140</td>
<td>Intro to Computer Hardware</td>
<td>5</td>
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<tr>
<td>MIC 110</td>
<td>Program Design &amp; Development in Visual Basic</td>
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<tr>
<td>MIC 120</td>
<td>Database, Applications &amp; Design w/ MS Access</td>
<td>4</td>
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<tr>
<td>MIC 160E</td>
<td>Supporting Microsoft Excel w/ certification</td>
<td>4</td>
</tr>
<tr>
<td>MIC 160P</td>
<td>PowerPoint Presentations w/ certification</td>
<td>4</td>
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<tr>
<td>MIC 160W</td>
<td>Supporting Microsoft Word w/ certification</td>
<td>4</td>
</tr>
<tr>
<td>MIC/CIS 197</td>
<td>Work Experience</td>
<td>4</td>
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<tr>
<td>WEB 151</td>
<td>HTML &amp; Web Page Development</td>
<td>5</td>
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-OR-

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<td>NME 120</td>
<td>New Media II</td>
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<tr>
<td>NME 130</td>
<td>New Media III</td>
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</table>

TOTAL CREDITS 117

INFORMATION TECHNOLOGY

Information Technology Programs
(206) 934-3150

The Information Technology three- to seven-quarter certificate and Associate of Applied Science–T 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, Mobile Product Development, Network Design and Administration, Programming, Web Design, and Web Development. Graduates can expect to find employment as help desk analysts, programmers, web designers and developers, software support specialists, application developers, network designers and administrators, database designers and administrators and IT security specialists. Short-term certificates or industry certifications are offered in Computer Support Technician, Cisco Specialist I, II, III, Microsoft Specialist I, II, III, and Mobile Product Development.

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

PREREQUISITES

<table>
<thead>
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<tr>
<td>ENGL 106</td>
<td>Technical Writing</td>
<td>3</td>
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<tr>
<td>MATH 119</td>
<td>Mathematics Behind Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>MIC 101</td>
<td>Intro to Microcomputer Applications</td>
<td>4</td>
</tr>
<tr>
<td>ITC 140</td>
<td>Intro to Computer Hardware</td>
<td>5</td>
</tr>
<tr>
<td>NET 120</td>
<td>Networking Fundamentals</td>
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<tr>
<td>MIC 175</td>
<td>Computer User Support</td>
<td>4</td>
</tr>
<tr>
<td>MATH 119</td>
<td>Math Behind IT</td>
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TOTAL CREDITS 50

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

Completion of Certificate Requirements | 50

-OR-

<table>
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<tr>
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<th>Credits</th>
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<td>Principles of Accounting I</td>
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<td>-OR-</td>
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<tr>
<td>NET 120</td>
<td>Networking Fundamentals</td>
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<td>MIC 175</td>
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<tr>
<td>MATH 116</td>
<td>Applications of Mathematics to Management, Life &amp; the Social Sciences</td>
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<td>MATH&amp; 107</td>
<td>Math in Society</td>
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<td>Capstone Project Class</td>
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| IT Electives | | 10
| Science and Social Science Electives | | 10

TOTAL CREDITS 90

Database Administration & Development
Certificate

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<td>5</td>
</tr>
<tr>
<td>ITC 134</td>
<td>Computer Operating Systems</td>
<td>5</td>
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<tr>
<td>ITC 136</td>
<td>Linux/UNIX Operating Systems</td>
<td>5</td>
</tr>
<tr>
<td>ITC 140</td>
<td>Intro to Computer Hardware</td>
<td>5</td>
</tr>
<tr>
<td>ITC 172</td>
<td>.NET Web Programming</td>
<td>5</td>
</tr>
<tr>
<td>ITC 220</td>
<td>Database Development for Programmers</td>
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<td>ITC 222</td>
<td>SQL</td>
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<td>ITC 224</td>
<td>Designing Database Solutions</td>
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<tr>
<td>ITC 226</td>
<td>Database Administration</td>
<td>5</td>
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<tr>
<td>ITC 240</td>
<td>Web Application Programming</td>
<td>5</td>
</tr>
<tr>
<td>ITC 250</td>
<td>Web Application Programming</td>
<td>5</td>
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<tr>
<td>ITC 255</td>
<td>Systems Analysis</td>
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<tr>
<td>WEB 110</td>
<td>Web Authoring I</td>
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TOTAL CREDITS 69
### Mobile Product Development Specialist Certificate

**PREREQUISITES**
One of the following certificates: Computer Programming, Web Development or Database & Development Certificate

OR pass all program and course requirements.

- Eligible for MATH& 141 - Pre-Calculus I
- Eligible for ENGL& 101 - English Composition

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<tr>
<td>BUS 104</td>
<td>Keyboarding</td>
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<tr>
<td>(or key 25 wpm on test)</td>
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<tr>
<td>ENGL 106</td>
<td>Technical Writing</td>
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<tr>
<td>ITC 102</td>
<td>Information Systems Concepts</td>
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<tr>
<td>(or test out by taking Final Exam)</td>
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<tr>
<td>ITC 110</td>
<td>Programming Fundamentals</td>
<td>5</td>
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<tr>
<td>ITC 134</td>
<td>Computer Operating Systems</td>
<td>5</td>
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<tr>
<td>MIC 101</td>
<td>Intro to Microcomputer Applications</td>
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<td>(or score 80% on SAM Challenge test)</td>
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**TECHNICAL SPECIALTY COURSES**

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<tr>
<td>BUS 150</td>
<td>Marketing Social Media Mobile Client</td>
<td>3</td>
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<tr>
<td>BUS 160</td>
<td>New Product Development &amp; Implementation</td>
<td>3</td>
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<td>BUS 185</td>
<td>Small Business Management</td>
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<td>ECON&amp; 201</td>
<td>Micro Economics</td>
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<td>ITC 115</td>
<td>Intro to Object Oriented Programming</td>
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<td>ITC 162</td>
<td>Intro to Mobile Development</td>
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<tr>
<td>ITC 298</td>
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*(Total required credits for ITC 298 = 4-5)*

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<td>WEB 202</td>
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**TOTAL CREDITS**

44

### Network Design & Administration Certificate

**TECHNICAL SPECIALTY COURSES**

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<th>Course Name</th>
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<tbody>
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<td>ITC 136</td>
<td>Linux/UNIX Operating System</td>
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<td>ITC 151</td>
<td>Network Security</td>
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<td>ITC 197</td>
<td>Work Experience Information Technology</td>
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<tr>
<td>NET 122</td>
<td>Network OS 1 – Windows Client Systems</td>
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<tr>
<td>NET 124</td>
<td>Network OS 2 – Windows Server</td>
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<td>NET 126</td>
<td>Network OS 3 – Windows Network Infrastructure</td>
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<td>NET 134</td>
<td>Network Communications – Enterprise TCP/IP</td>
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<td>Programming Fundamentals</td>
<td>5</td>
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<td>ITC 172</td>
<td>.NET Web Programming</td>
<td>5</td>
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<tr>
<td>CSC 143</td>
<td>Computer Programming II</td>
<td>5</td>
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<tr>
<td>ITC 151</td>
<td>Intro to Mobile App Dev</td>
<td>5</td>
</tr>
<tr>
<td>ITC 220</td>
<td>Database Development for Programmers</td>
<td>5</td>
</tr>
<tr>
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<td>ITC 250</td>
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<td>ITC 255</td>
<td>Systems Analysis</td>
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<td>ITC 298</td>
<td>Special Topics: Mobile App Dev</td>
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**RELATED INSTRUCTION**

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**TOTAL CREDITS**

78

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

Completion of Certificate Requirements. 78

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<tr>
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<td>English Composition I</td>
<td>5</td>
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<td>HUM 105</td>
<td>Intercultural Communications</td>
<td>5</td>
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<tr>
<td>MATH 107</td>
<td>Math in Society</td>
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**TOTAL CREDITS**

98

### Programming Certificate

**TECHNICAL SPECIALTY COURSES**

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<tr>
<td>ITC 115</td>
<td>Intro to Object Oriented Programming</td>
<td>5</td>
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<tr>
<td>ITC 110</td>
<td>Programming Concepts &amp; Fundamentals</td>
<td>5</td>
</tr>
<tr>
<td>ITC 172</td>
<td>.NET Web Programming</td>
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<tr>
<td>CSC 143</td>
<td>Computer Programming II</td>
<td>5</td>
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<tr>
<td>ITC 162</td>
<td>Intro to Mobile App Dev</td>
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<td>ITC 220</td>
<td>Database Development for Programmers</td>
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<td>ITC 255</td>
<td>Systems Analysis</td>
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<td>Special Topics: Mobile App Dev</td>
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**RELATED INSTRUCTION**

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<tr>
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**TOTAL CREDITS**

69
### Web Development Certificate

**Technical Specialty Courses**

- **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
- **ICS** Elective ...................................................... 5

**Total Credits** 66

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

**Completion of Certificate Requirements** 66

<table>
<thead>
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<td>MATH&amp; 107</td>
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<td>ICS Elective</td>
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**Total Credits** 96

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**Sea design**

**Certificate**

**Technical Specialty Courses**

- **CIS 197** Work Experience ................................... 1
- **ITC 136** Intro to Unix.................................. 5
- **ITC 220** Database Development ....................... 5
- **ITC 240** Web Application Programming 1 ............ 5
- **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
- **OR**
- **DES 114** Media Publishing I .......................... 3
- **WEB 120** Web Authoring II ............................ 4
- **WEB 150** Writing for the Web .......................... 2
- **WEB 170** Content Management Systems ............. 3
- **WEB 200** Theory of Web Design ....................... 4
- **WEB 202** User Centered Design ....................... 4
- **WEB 205** Web Career Strategies ...................... 2
- **WEB 210** Advanced Web Design ....................... 5

**Total Credits** 61

---

**Web Development Certificate**

**Technical Specialty Courses**

- **ITC 115** Intro to Object Oriented Programming .......... 5
- **ITC 110** Programming Concepts & Fundamentals .......... 5
- **ITC 136** Intro to Unix .................................. 5
- **ITC 172** .NET Web Programming ...................... 5
- **ITC 210** Advanced Web Development .................... 5
- **ITC 220** Database Development for Programmers ........ 5
- **ITC 240** Web Application Programming 1 ............ 5
- **ITC 250** Web Application Programming 2 ............ 5
- **ITC 260** Web Application Programming 3 ............ 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 .......................... 4
- **WEB 170** Content Management Systems ............. 3
- **WEB 205** Web Career Strategies ...................... 2

**Total Credits** 66

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

**Completion of Certificate Requirements** 69

<table>
<thead>
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<td>HUM 105</td>
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**Total Credits** 94

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**Web Development Certificate**

**Technical Specialty Courses**

- **ITC 115** Intro to Object Oriented Programming .......... 5
- **ITC 110** Programming Concepts & Fundamentals .......... 5
- **ITC 136** Intro to Unix .................................. 5
- **ITC 172** .NET Web Programming ...................... 5
- **ITC 210** Advanced Web Development .................... 5
- **ITC 220** Database Development for Programmers ........ 5
- **ITC 240** Web Application Programming 1 ............ 5
- **ITC 250** Web Application Programming 2 ............ 5
- **ITC 260** Web Application Programming 3 ............ 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 .......................... 4
- **WEB 170** Content Management Systems ............. 3
- **WEB 205** Web Career Strategies ...................... 2

**Total Credits** 66

---

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

**Completion of Certificate Requirements** 66

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>BUS 240</td>
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<tr>
<td>ENGL&amp; 101</td>
<td>English Composition I</td>
<td>5</td>
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<td>HUM 105</td>
<td>Intercultural Communications</td>
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<tr>
<td>MATH&amp; 107</td>
<td>Math in Society</td>
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<tr>
<td>ITC 285</td>
<td>Capstone Project Class</td>
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<tr>
<td>ICS Elective</td>
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</table>

**Total Credits** 96

---

**Marine Technology**

Seattle Maritime Academy
4455 Shilshole Avenue NW, Seattle, WA 98107
seattlecentral.edu/maritime
(206) 934-2647

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 through short-term certificates or community courses.
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 30- to 90-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; Oiler; Pumpman; Refrigeration Engineer; and/or Junior Engineer. If the student's at-sea internship was on a vessel with steam propulsion, he/she will also be eligible for a “fireman/watertender” QMED rating. The MET certificate program also qualifies each graduate for an STCW “ratings forming part of an engineering watch” endorsement.

Marine Deck Technology

This program is under review. Contact the department for up-to-date information.

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. Each graduate who successfully completes the program receives eight months of sea service credit toward a license as Master of Inland Steam or Motor Vessels of Not More Than 100 Gross Tons, or eight months of sea service credit toward 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 toward 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 10 months of sea service toward 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.

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
MGS 212 Auxiliary Machinery & Ship Design ........... 4
MGS 217 Marine Diesel Engine Maintenance & Operation .......... 4
MGS 221 Applied Marine Electricity .................. 4
MGS 228 Marine Hydraulics ........................... 5
MGS 233 Marine Refrigeration .......................... 5
MGS 257 Advanced Marine Diesel Engines ............. 4
MGS 263 Propulsion Systems ........................... 3
MGS 284 Shipboard Pollution Prevention ................ 2
MGS 285 Marine Boilers ................................ 3
MGS 294 License Seminar ............................. 2

TOTAL CREDITS 73-77

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

TOTAL CREDITS 73-77

* Optional course
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

TOTAL CREDITS 24

Short-term Community Service/Industry Support Courses:
- Basic Electricity for Small Boats & Recreational Boaters
- Diesel Engine Maintenance & Operation

Short-term Certification Preparatory Courses:
- Lifeboatman
- Refrigeration Technician (testing)

NURSING
Nursing (206) 934-4123
Allied Health Division
(206) 934-4347

Besides the RN Associate Degree, Nursing offers a short-term certificate in Nursing Assistant – Certified. Contact the office for information.

Nursing R.N. Associate Degree
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 – T (A.A.S.-T) degree and are eligible to take the National Council of State Boards of Nursing Examination NCLEX-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
(used one year of high school Chemistry in the last three years)
ENGL& 101 English Composition I ......................... 5
PSYC& 100 General Psychology ............................. 5

* All science and math courses have a 5-year time limit, and MUST be taken within 5 years prior to entrance to the program. They may be repeated only once.

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

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& 146 Elementary Statistics ......................... 5
NTR 150 Human Nutrition .................................. 5
PSYC& 200 Lifespan Psychology ............................ 5

TOTAL 15
### TECHNICAL SPECIALTY COURSES

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<th>Course Title</th>
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<td>Nursing I: Fundamentals of Nursing</td>
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<td>NUR 102</td>
<td>Nursing II: Medical-Surgical Nursing</td>
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<tr>
<td>NUR 103</td>
<td>Nursing III: Medical-Surgical Nursing</td>
<td>4</td>
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<tr>
<td>NUR 111</td>
<td>Nursing Practice I</td>
<td>3</td>
</tr>
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<td>NUR 112</td>
<td>Nursing Practice II</td>
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<tr>
<td>NUR 113</td>
<td>Nursing Practice III</td>
<td>4</td>
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<tr>
<td>NUR 122</td>
<td>Psychosocial Nursing I</td>
<td>2</td>
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<tr>
<td>NUR 123</td>
<td>Pharmacology for Nursing</td>
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<tr>
<td>NUR 185</td>
<td>Gerontology for Nurses</td>
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</tr>
<tr>
<td>NUR 201</td>
<td>Nursing IV A: Psychosocial Nursing</td>
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<tr>
<td>NUR 206</td>
<td>Nursing IV B: Medical-Surgical Nursing</td>
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</tr>
<tr>
<td>NUR 207</td>
<td>Nursing V: Medical-Surgical Nursing</td>
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</tr>
<tr>
<td>NUR 208</td>
<td>Nursing VI: Developing Family Nursing</td>
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<tr>
<td>NUR 211</td>
<td>Nursing Practice IV A</td>
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</tr>
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<td>NUR 216</td>
<td>Nursing Practice IV B</td>
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<td>NUR 217</td>
<td>Nursing Practice V</td>
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<td>NUR 218</td>
<td>Nursing Practice VI</td>
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<tr>
<td>NUR 220</td>
<td>Health Promotions &amp; Managing Care in Nursing</td>
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<tr>
<td>NUR 230</td>
<td>Transition to Professional Nursing Role</td>
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<td><strong>TOTAL</strong></td>
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</tr>
</tbody>
</table>

TOTAL PROGRAM CREDITS INCLUDING PREREQUISITES: 108

---

**SCHOOL OF OPTICIANRY**

School of Opticianry  (206) 934-4321  
Allied Health Division  (206) 934-4347

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.” Students learn to help patients choose correct frames for their face and prescriptions and make sure that the lenses are individually appropriate, and learn to fit contact lenses. Business/administrative functions include record maintenance, purchasing, maintenance of supplies and equipment.

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**

Eligible for ENGL& 101 and MATH 110.

---

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

#### TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>OPH 100</td>
<td>Orientation to Ophthalmic Dispensing</td>
<td>2</td>
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<tr>
<td>OPH 101</td>
<td>Optical Theory I</td>
<td>5</td>
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<tr>
<td>OPH 102</td>
<td>Optical Theory II</td>
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<td>OPH 103</td>
<td>Optical Theory III</td>
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<tr>
<td>OPH 105</td>
<td>Ocular Anatomy &amp; Physiology</td>
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<td>OPH 106</td>
<td>Contact Lens Technology I</td>
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<tr>
<td>OPH 107</td>
<td>Ophthalmic Dispensing I</td>
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<td>OPH 108</td>
<td>Ophthalmic Dispensing II</td>
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<tr>
<td>OPH 110</td>
<td>Optical Lab Technology I</td>
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<tr>
<td>OPH 111</td>
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<td>OPH 112</td>
<td>Optical Lab Technology III</td>
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<td>OPH 113</td>
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<td>OPH 197</td>
<td>Work Experience: Opticianry</td>
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<td>OPH 198</td>
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<td>OPH 203</td>
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<td>OPH 212</td>
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<td>OPH 215</td>
<td>Benchwork Procedures</td>
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<td>OPH 295</td>
<td>Ophthalmic Dispensing Business I</td>
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<td>OPH 296</td>
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<td>OPH 297</td>
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<td>OPH 299</td>
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#### RELATED INSTRUCTION

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<td>AHE 165</td>
<td>Medical Terminology I</td>
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<td>CMST&amp; 101</td>
<td>Intro to Communication</td>
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<td>HUM 105</td>
<td>Intercultural Communication</td>
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<tr>
<td>BUS&amp; 101</td>
<td>Intro to Business</td>
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<td>BUS 185</td>
<td>Small Business Management</td>
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<td>BUS 103</td>
<td>Personnel/Human Resource Management</td>
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<td>PSYC&amp; 100</td>
<td>General Psychology</td>
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<td>PSYC&amp; 200</td>
<td>Lifespan Psychology</td>
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<td>PSYC 240</td>
<td>Psychology of Human Relations</td>
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<td>MATH 110</td>
<td>Applied Math for Technicians</td>
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<tr>
<td>MIC 101</td>
<td>Intro to Microcomputer Applications</td>
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TOTAL CREDITS: 123-127

**NOTE:** Eligible 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) 934-3830

The Commercial Photography program prepares committed students for careers as professional image-makers. Centered on digital photography, the program places emphasis 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, and business and marketing plans, prepared to succeed in a changing and competitive profession.

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

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

TECHNICAL SPECIALTY COURSES

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<td>PHO 113</td>
<td>Studio Techniques I</td>
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<td>PHO 121</td>
<td>Lighting Techniques I</td>
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<td>PHO 122</td>
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<tr>
<td>PHO 131</td>
<td>Location Techniques</td>
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<tr>
<td>PHO 132</td>
<td>Digital Darkroom Techniques I</td>
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<td>PHO 133</td>
<td>Retail Photography</td>
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<tr>
<td>PHO 141</td>
<td>Survey of Photography</td>
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<td>PHO 142</td>
<td>Digital Imaging</td>
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<td>PHO 143</td>
<td>Digital Media Production</td>
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<td>Advertising Production</td>
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<td>PHO 224</td>
<td>Communication Production</td>
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<td>PHO 225</td>
<td>Conceptual Development I</td>
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<td>PHO 234</td>
<td>Professional Business Practices I</td>
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<td>Professional Business Practices II</td>
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RELATED INSTRUCTION  18

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<tr>
<td>NME 130</td>
<td>New Media III</td>
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ELECTIVES  12

Choose from business, social science, math or science

TOTAL CREDITS 115

SERVICE LEARNING

Cooperative Education & Service-Learning
Room BE 1103
(206) 934-6997
seattlecentral.edu/course/service-learning/Index.php

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 AND HUMAN SERVICES

Social & Human Services
206-934-6900
seattlecentral.edu/career/socialhuman

The Social and Human Services program is for students interested in careers in the helping professions. The interdisciplinary program focuses on a strengths-based approach to prevention and intervention. The curriculum includes theoretical knowledge and targeted, skills-based education. Students practice their skills in a community-based setting through a required internship in the student’s selected specialization area. The program covers many facets of the human services profession from the history of the field to social policy to interviewing skills.

Graduates may find employment in non-profit and for-profit agencies in the fields of child welfare, chemical dependency, family support, case management, early childhood education, delivery of basic needs, aging, and other service provision areas.

Specialization options within the A.A.S. degree are Generalist, Chemical Dependency Specialist Certificate (details below) or the Child and Family Studies concentration.

A 2.0 GPA in all required technical specialty and related instruction courses is required for graduation. For information on entrance requirements and additional coursework, contact the division office.

Prerequisites: Eligible 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 Social Welfare Policy .......................... 5
- SHS 106 Principles of Interviewing & Counseling ........ 5
- SHS 108 Group Dynamics & Counseling ................. 5
- SHS 210 Multicultural Counseling ......................... 3
- SHS or CdS 197 Field Placement: Social & Human Services* 3
- SHS or CdS 198 Field Placement: Social & Human Services* 3
- SHS or CdS 199 Field Placement: Social & Human Services* 4

* A Washington State background check may be required for Field Practicum

**TOTAL** 

33

**HUMAN SERVICES SPECIALIZATIONS** 

23

Select 23 credits from a long list of SHS elective classes. See division counselor or office for list.

**REQUIRED GENERAL EDUCATION COURSES** 

34

- 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
- MIC 101 Intro to Microcomputer Application .............. 4
- Elective in Social Science or Humanities ................. 5

**TOTAL CREDITS** 

90

**Chemical Dependency Specialist Certificate**

The Chemical Dependency Specialist Program provides training for students interested in working with those affected by addiction to alcohol and other drugs. The program meets Washington State educational requirements for Chemical Dependency Professional certification. State requirements include a minimum A.A.S. degree and 45 credits of chemical dependency specific curriculum (WAC 246-811-030). Additional Washington State Department of Health requirements must be satisfied to obtain certification. Consult the division counselor and/or the Washington State Department of Health before enrolling.

Students with a higher level of formal education may also obtain the 45 credits of chemical dependency curriculum through the Chemical Dependency Specialist Program. A Washington State background check may be required for Field Practicum. A 2.0 is required in all Chemical Dependency certificate courses.

**PREREQUISITES**

Eligible for ENGL& 101 and MATH 084.

**Chemical Dependency Certificate**

**CORE COURSES**

- SHS 108 Group Dynamics & Counseling ................. 5
- SHS 150 HIV/AIDS Brief Risk Intervention .............. 1
- SHS 210 Multicultural Counseling ......................... 3
- SHS 215 Adolescent Assessment, Development & Treatment .... 5
- SHS 225 Relapse Prevention ................................ 1
- SHS 231 Pharmacology of Addictions ..................... 5
- SHS 232 Chemical Dependency & the Family .............. 3
- SHS 233 Chemical Dependency Counseling ............... 5
- SHS 235 Intro to Chemical Dependency .................... 5
- SHS 255 Co-occurring Disorders .......................... 5
- SHS 270 Ethics in Human Service & Chemical Dependency .... 5
- SHS 280 Chemical Dependency Case Management .......... 3
- PSYC& 200 Lifespan Psychology ............................ 5
- OR-
- PSYC 207 Developmental Psychology (Adolescent) ....... 5
- SHS 296 Special Topics .................................... 1
- SHS 297 Suicide Assessment Treatment & Management . 2

**TOTAL CREDITS** 

54

**SURGICAL TECHNOLOGY**

Allied Health Division
(206) 934-4347

This three-quarter program prepares students to share in the responsibility of the operating room team in the care of the patient requiring surgery. A surgical technologist is an allied health professional who works closely with surgeons, anesthesiologists, registered nurses and other surgical personnel delivering health care and assuming appropriate responsibilities before, during and after surgery. The technologist is at all times under the supervision of the physician and/or registered nurse.

Instruction covers the basic sciences, anatomy and physiology, medical terminology, surgical functions in the operating room, surgical instrumentation and equipment, and aseptic techniques. The program is nationally accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Clinical practice takes place in various health care facilities throughout Washington state. 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. Surgical Technology also offers a short-term certificate: Central Supply Instrument Technician.
**PREREQUISITES 24.5 – 26.5**
- ENGL& 101 Composition I ................................ 5
- SOC& 101 Intro to Sociology ................................ 5
- MIC 101 Intro to Microcomputer Applications * ........... 4
- BIOL 128 Survey of Anatomy & Physiology ............... 5
- AHE 165 Medical Terminology I ................................ 3
*OR*
- AHE 168 Medical Terminology (Online)** .................... 5
- AHE 150 HIV/AIDS Education (7 hrs) ....................... 0.5
- AHE 151 Standard Precautions/First Aid .................... 1
- AHE 152 Health Provider CPR/AED ........................ 1

All prerequisites must be completed with a 2.0 GPA for each course before a student can enter the program or be placed on the waiting list.

*Students can test out of MIC 101.
**Students wanting to pursue an A.A.S. must take AHE 168.

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**Certificate**

**TECHNICAL SPECIALTY COURSES**
- SURG 111 Surgical Lab ........................................ 6
- SURG 113 Surgical Theory I .................................... 10
- SURG 115 Clinical Orientation .................................. 2
- SURG 121 Surgical Specialty / Prof Prep ..................... 6
- SURG 123 Surgical Theory II ................................... 9
- SURG 125 Clinical Practice I ................................... 4
- SURG 133 Surgical Technology III ............................. 10
- SURG 135 Clinical Practice II .................................. 12

**TOTAL CREDITS 83.5-85.5**

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

**COMPLETION OF CERTIFICATE REQUIREMENTS 85.5**
- MATH& 107 Math in Society ...................................... 5
*OR*
- MATH 146 Elementary Statistics .............................. 5
- PSYC& 100 General Psychology ................................ 5

**TOTAL CREDITS 95.5**

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**WOOD TECHNOLOGY**

2310 S Lane, Seattle, WA 98144
(206) 934-5460
seattlecentral.edu/woodtech

The Wood Technology program prepares students for employment in the following three areas: Cabinetmaking & Architectural Woodworking, Carpentry, and Marine Carpentry (Boatbuilding). All students enrolling in any full-time Wood Technology program are required to complete 12 credits of related instruction. Courses can be taken as independent certificates or as a series of stackable certificates.

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**Cabinetmaking & Architectural Woodworking**

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

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

**TECHNICAL SPECIALTY COURSES**
- WCO 110 Intro to Professional Woodworking ................... 18
- WCO 151 Intro to Cabinetmaking Fundamentals ............... 18
- WCO 153 Basic Cabinetmaking Fundamentals ................. 18
- WCO 155 Advanced Cabinetmaking & Architectural
  Woodworking Fundamentals (Instructor permission required) .................. 18
- WCO 157 Independent Capstone Project (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

**TOTAL CREDITS 102**

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**Carpentry**

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

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 Associate of Applied Science (A.A.S.) degree. The carpentry one-quarter certificates can build to a full carpentry degree.

**TECHNICAL SPECIALTY COURSES**
- WCO 110 Intro to Professional Woodworking ................... 18
- WCO 141 Residential Remodel & Preservation Carpentry 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

**TOTAL CREDITS 102**
Short-term/Stackable Carpentry Certificates

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
Proof of First Aid/CPR/AED

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DESCRIPTION</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>WCO 110</td>
<td>Intro to Professional Woodworking</td>
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TECHNICAL SPECIALTY COURSES

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<tr>
<td>WCO 142</td>
<td>Intro to Carpentry &amp; Blueprint Reading</td>
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<td>WCO 143</td>
<td>Building Site Selections to Layout</td>
<td>5</td>
</tr>
<tr>
<td>WCO 144</td>
<td>Foundation Systems: Forms to Concrete Finishes</td>
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TOTAL CREDITS 18

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
Proof of First Aid/CPR/AED

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TECHNICAL SPECIALTY COURSES

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<tbody>
<tr>
<td>WCO 145</td>
<td>Framing Systems: Floor to Ceiling</td>
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<tr>
<td>WCO 146</td>
<td>Roof System: Framing to Roofing Installation</td>
<td>5</td>
</tr>
<tr>
<td>WCO 147</td>
<td>Stairs System: Rough Framing to Finished Stairwell</td>
<td>4</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 18

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
Proof of First Aid/CPR/AED

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<tr>
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<tr>
<td>WCO 148</td>
<td>Exterior Finishes: Building Enclosure to Finish Trim</td>
<td>9</td>
</tr>
<tr>
<td>WCO 149</td>
<td>Interior Finishes: Door Installation to Finish Trim</td>
<td>9</td>
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TOTAL CREDITS 18

Marine Carpentry (Boatbuilding)
*The Marine Carpentry program is undergoing significant renovation and may not be offered as shown below. The new program has a planned enrollment date of Fall Quarter 2015. Contact the office for updates.

Associate of Applied Science Degree (A.A.S.)
The Marine Carpentry (Boatbuilding) program prepares students for employment in boatbuilding, boat repair and related industries. Students work in a boat shop environment, building and repairing both wood and fiberglass boats.

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>WCO 110</td>
<td>Intro to Professional Woodworking</td>
<td>18</td>
</tr>
<tr>
<td>WCO 130</td>
<td>Lofting, Layout, Patterns, Design Elements, Basic Joinery, Bevels, Bandsaws, Safety</td>
<td>18</td>
</tr>
<tr>
<td>WCO 130</td>
<td>Fiberglass Lay-up &amp; Repair, Personal &amp; Safe Shop Practices with Fiberglass Materials</td>
<td>18</td>
</tr>
<tr>
<td>WCO 130</td>
<td>Fiberglass Fitting Out &amp; Repair, Spray Gun Use, Machine Safety &amp; Maintenance</td>
<td>18</td>
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<tr>
<td>WCO 130</td>
<td>Wood Boat Construction, Estimating &amp; Bidding, Safety of Equipment and Compounds</td>
<td>18</td>
</tr>
<tr>
<td>WCO 130</td>
<td>Wood Boat Construction, Fitting Out, Material Selection, Interior &amp; Exterior Joinery</td>
<td>18</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 118

WORK EXPERIENCE / INTERNSHIP / VOLUNTEER PROGRAM
Cooperative Education
(206) 934-6998
seattlecentral.edu/coop/intern_empinfo.php
Students earn credits per quarter for jobs, paid/unpaid internships or volunteer service to the community. Credit is based on the number of hours “worked” per week. Students have an opportunity to explore or clarify career choices, acquire career-related experiences, improve existing skills or learn new skills applicable to future employment, and earn college credit. Permission required. Contact the office for additional information.

Travel/Study Courses
(206) 934-6998
seattlecentral.edu/coop/travel_courses.php
Earn credit for various travel/study experiences in an international setting. Earn credit for language enhancement, research-based or work/internship/volunteer activities.

See page 28 for more information about credit for travel/study courses.