

Seattle Central Community College

Welcome

Seattle Central Community College has been transforming lives for more than 40 years. We are proud to be Seattle's first community college, serving more than 500,000 students since 1966. Collegiate level career training programs, college transfer and associate degree programs, and a four-year baccalaureate degree in Applied Behavioral Science are all offered through the college.

Seattle Central, the only community college in downtown Seattle, sits atop Capitol Hill in the heart of Seattle. There is easy access by bus or car from any part of town, and soon, light rail will connect the campus to the University of Washington area. Students enjoy Capitol Hill's urban location which offers countless choices for shopping, dining and entertainment.

Our students are actively engaged and thrive in the many opportunities provided through student leadership programs. And the college has one of the largest and most active Phi Theta Kappa honor society chapters in the nation.

Seattle Central has been recognized by the *New York Times* as a community college of choice for ambitious, high-achieving students. Notably, about 500 students transfer from Seattle Central each year to one of Washington's public and private baccalaureate institutions, with nearly half transferring to the University of Washington.

The college also offers nearly 40 collegiate level career training programs which serve the career goals of students and the demands of employers. Students come to Seattle Central to train for careers in culinary arts, the maritime industry, healthcare professions, information technology fields, and more. All programs provide real-world, hands-on training.

Students will find a home in Seattle Central's richly diverse community where students range in age from 16 to 80, and come from all walks of life and corners of the world.

Whether you are just beginning college, plan to transfer to a four-year institution, or are interested in collegiate level training for a new or second career, Seattle Central has a place for you. Please visit in person or online at www.seattlecentral.edu.



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
TTY (Information Center)	(206) 934-4395

MISSION

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

CORE THEMES

- Responsive Teaching and Learning
- Catalyst for Opportunities and Success
- Diversity in Action
- Communities Engagement



FACTS at a Glance*

2010–2011 ANNUAL PROFILES

Annual attendance 2010–2011 18,053

Special Enrollments

Distance Education	3,213
Running Start	435
International Students	1,713
Worker Retraining	700

FALL 2011 PROFILES

Students **

Median age	27
Ethnic diversity	54%
Male/Female	45%/55%
With bachelor or higher degrees	11%
Employed	48%
full-time	22%
With dependents	19%
single parents	7%
Full-time/Part-time attendance	48%/52%

Programs

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

Courses

State-funded	89%
Contract-supported	3%
Student-supported	7%

* 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

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

Wood Construction Center

2310 So. Lane, Seattle, WA 98144
(206) 934-5460

The Wood Construction Center has trained Northwest woodworkers since 1936. Programs include core training in safety, skills, tools and materials, and specializations in Cabinetmaking, Carpentry or Boat Building. Students can earn an Associate of Applied Science degree, a program certificate or a series of skill-specific certificates. The Center also offers evening community education classes at a variety of skill levels.

Academic & Student SUPPORT SERVICES

ADVISING Center

(206) 934-4068

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

CAREER Services Center

(206) 934-4383

Career Information

The Career Services Center provides career exploration assessments and web-based resources, college program information, college major relationship to careers, and books and publications on a wide variety of career-related topics 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 and offers scholarship and grant information, applications and assistance.

Career Advising & Planning Assistance

The Career Services Center offers the following resources and services: individual career testing and counseling; 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; an annual career fair; and access to a computer for résumé and cover letter preparation for other career-related searches.

CLASS SCHEDULE Quarterly

(206) 934-3800

seattlecentral.edu/course/class-schedule.php.

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

COLLEGE SUCCESS Program

(206) 934-3168

The College Success program serves and advocates for alumni of foster care. It provides a variety of support services to help these students succeed. Visit Room BE 1102 D-5 for more information and to register for the program.

COLLEGE TRANSFER Center

(206) 934-5469

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

The Center houses college catalogs, transfer guides, applications, and transfer planning materials. There are two student computers to help students conduct college searches, complete online applications and write transfer essays. The staff is available to answer questions and provide support throughout the transfer process.

COMPUTER Center

(206) 934-4194

The Computer Center is open to all Seattle Central students and has PC and Macintosh computers with student network software and Internet connectivity. Printing is available at minimal cost. Current Seattle Central enrollment is required. Students without computer experience are encouraged to enroll in MIC 101. Visit the Computer Center in Room BE3148 for more information.

COUNSELING Services

Student Services

(206) 934-3851

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

DISABILITY Support Services

(206) 934-4183 (V/TTY)

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

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

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

Please see page 47 for specific details and additional information on eligibility and policies.

INTERNATIONAL EDUCATION Student Services

(206) 934-3893

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

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

See page 27 for additional information about International Programs.

LIBRARY & MEDIA Services

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

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

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

MULTICULTURAL Services

(206) 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 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.

SENIOR ADULT Education

Washington state residents 60 years old or older may register for up to two courses taken for either audit or credit at a fee of \$5.00 per class. Seniors register on a space-available basis beginning the second week of the quarter but prior to the tenth day of the quarter. Students should attend class the first week of the quarter with instructor permission while waiting to find out if class space is available. If the instructor allows the student to attend, the student should pick up an enrollment form from the registration or information center to obtain instructor's signature to enroll. Students are responsible for any additional charges, such as I.D. card, lab fees, activity fee, transportation fee, books or supplies. When seniors enroll for more than two courses, they pay for the additional credits at regular tuition rates. Credits taken using the senior citizen waiver cannot be used toward degree completion.

STUDENT ACADEMIC Services / TUTORING

Seattle Central Learning Support Network

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) 934-0972 or 0973

Room: BE 2102

Mon–Thurs, 9am–7pm

Fri, 9am–5pm, Sat 9am–3pm

seattlecentral.edu/learningsupportnetwork

The BE Learning Center provides one-on-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

(206) 934-3206

Room: SAM 101 and 102

Mon–Fri, 1pm–5pm

seattlecentral.edu/learningsupportnetwork

The Math Path 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

(206) 934-3206

Room: SAM 100

samlearningsupport@seattlecolleges.edu

Mon–Fri, 9am–6pm

seattlecentral.edu/learningsupportnetwork

Each discipline in the Science and Math building provides learning support for students through the Science and Math Learning Centers on a drop-in basis. Visit the SAM Learning Centers for help with chemistry, computer science, engineering, math and physics. In addition, both the Biology Learning Center (3rd floor Biology Labs) and the Chemistry Learning Center (4th floor Chemistry Labs) provide drop-in tutoring along with course and laboratory specific materials.

TRIO Student Academic Assistance

(206) 934-3852

Room: BE1102B1

Mon–Fri, 8am–4:30pm

seattlecentral.edu/academic-assistance

Student Academic Assistance, a TRIO program funded by the U.S. Department of Education, promotes the success of low-income and/or first-generation students, students with disabilities, veterans and former foster youth. It provides support services which include personal, academic and career counseling, transfer advising, visits to colleges and universities, personal growth and study skills workshops and tutoring services. The Student Academic Assistance Center (SAAC) also provides a wide range of services including one-on-one learning support, supplemental instruction and assessment services to students who qualify for TRIO. Please visit the SAAC center to obtain qualifying criteria. Help is available for math, biology, chemistry, physics and languages.

TESTING Office

GED: (206) 934-6915

Office Information: (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

www.beforeyoutest.org

Preparing for the COMPASS Test helps to ensure the most accurate test results and the best course placement. A free two-hour workshop is available at all three colleges, usually twice a week (see the Testing Center website). The website provides the information you need about the COMPASS and online resources for test preparation if you cannot attend a workshop. Current cost for the COMPASS test is \$19 (2012–2013).

VETERANS AFFAIRS

(206) 934-4147

seattlecentral.org/finaid/veterans.php

For information about using VA benefits to attend Seattle Central Community College or how to qualify for Veterans tuition discount, visit the website or contact the Veterans Coordinator. The office is located in the Financial Aid Office, Room BE1104C.

Student LIFE

ART Gallery

M. Rosetta Hunter Art Gallery

(206) 934-4379

9:30am–3:30pm, Mon–Fri

5pm–7pm, Tues and Wed

The Art Gallery, located in the Atrium, is an educational exhibition space which enhances the academic goals and contributes to the cultural enrichment of the institution with exhibits and activities reflecting and serving our multi-cultural population. The Gallery presents approximately 9 exhibits through the academic year, and one show in the summer. Many feature the work of Seattle Central students.

BOOKSTORE

(206) 934-4148

seattlecentral.bkstore.com

The Bookstore is located across the street from the main college building on Broadway. The bookstore carries required and recommended textbooks for courses. Textbooks and supplies can be ordered online at seattlecentral.bnccollege.com to save time. The Bookstore offers a wide array of rental and digital titles, as well as used textbooks. Rentals can save approximately 50%. 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.

CHILD CARE ASSISTANCE Program

(206) 934-3855

Room FA 202

The Child Care Assistance Program (CCAP) offers eligible Seattle Central parents financial assistance with a portion of their child care costs. To qualify, parents must have the child enrolled in a licensed child care facility and meet certain income standards. It is housed in FA 202 along with Women's Programs and provides many services to student parents on a quarterly basis including:

- Financial assistance with a portion of child care costs provided directly to low income parents
- Quarterly workshops provided by Seattle-based Child Care Resources to inform applicants of child care options available to meet the diverse need of Seattle Central parents
- Consultation with CCAP to discuss financial assistance and provide information for other support resources.

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

Also see page 33 for more details.

WOMEN'S Programs & WORKFORCE Services

801 E. Pine, Room 202

Seattle, WA 98122

(206) 934-3854

seattlecentral.edu/womens-prog

Women's Programs & WorkForce Services assist 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. Support is also offered to students choosing to complete transfer degrees.

Financial assistance for tuition, books and supplies is available to students who qualify through the Worker Retraining program, Basic Food Education & Training (BFET) program and/or WorkFirst program. Visiting www.startnextquarter.org can help a student determine preliminary eligibility.

Educational Planning with professional staff helps students access education and success through individual plans, campus and community resources, College Success Workshops and preparation for the COMPASS Test (visit www.beforeyourestest.org).

Emergency Funds are available for students who qualify through a variety of resources.

Employment Assistance is available through staff resources and job clubs, and community partnerships.

Student Activities & Organizations are sponsored in cooperation with Student Leadership. These include Women in Science and Engineering (WISE) and EMPOWR (Empowerment Means Political Organizing for Women's Rights); Club Mom; writing and art opportunities through Central Circuit; and the Wednesday Noon Lecture Series.

Both current students and those wanting information and assistance in attending Seattle Central can contact the Women's Programs and WorkForce Services.

COPY Center

(206) 934-5419

BE 3105A

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

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

COPY CENTER HOURS

Fall, Winter & Spring Quarters (Summer hours may vary.)

7:30am–7:30 pm, Mon–Thurs

7:30am– 4:00pm, Fri & during quarterly breaks

ERICKSON THEATRE

1524 Harvard Avenue

(between Pike & Pine on Capitol Hill)

At present the Balagan Theatre is the resident theatre company at the Erickson Theatre. It is used almost exclusively for Balagan productions and college music, theatre and dance programs.

FOOD Services

(206) 934-4319

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

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

The **Buzz Espresso Stand** by the Broadway entrance welcomes students, employees and visitors to the campus with a wide variety of espresso, coffee and smoothies. It is open from 7:00 a.m.–8:00 p.m. Monday–Thursday and until 2:30 p.m. on Friday.

The **Buzz Pastry Case** offers 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 9:30 a.m.–4:00 p.m. Tuesday – Friday.

During the instructional quarter, students from the Culinary Arts program prepare and serve a variety of specialty menu meals in the **Square One** and **One World restaurants**. These are open to the public Tuesday through Friday, from 11:15 a.m. to 12:50 p.m.

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) 934-5424

Note: Summer hours for all food service outlets may vary.

RECREATION & Fitness

Charles H. Mitchell Student Activity Center

(206) 934- 6315 Front Desk Phone Line

seattlecentral.edu/sac

7am–7pm, Mon–Sat

10am–4pm, Sun

The Mitchell Activity Center offers a broad array 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, cardiovascular workout equipment, as well as men's and women's saunas. Drop-in fitness classes are also offered as well as recreational tournaments and events for students. Membership for faculty/staff and community members is also available.

SAFETY

(206) 934-5442 Campus Security

BE 1108

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

For all on-campus security issues, call (206) 934-5442 or stop by room BE 1108 for immediate assistance.

For all on-campus emergencies, call 911 on either campus or personal phone. When it is safe to do so, please call campus safety and security at (206) 934-5442 to report the emergency as well.

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

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

See page 44 for more information on personal safety.

Student ATHLETICS

(206) 934-3745 Men's Basketball Program
 (206) 934-3773 Women's Basketball Program
northseattle.edu/storm

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

Student INSURANCE

For information on student injury and sickness insurance, contact the Student Leadership office at (206) 934-6924. International students should contact the International Programs office.

See page 38 for information on student insurance.

STUDENT LEADERSHIP Division

Student Leadership

(206) 934-6924

Room: SAC 350 (Above the bookstore)
seattlecentral.edu/stu-lead

Mon–Fri, 8:00am–4:30pm

Summer: Mon–Thurs, 8:00am–5:30pm

Student Leadership facilitates leadership development and supports student involvement through many activities and programs. Students can develop and practice organizational and leadership skills in a nurturing learning environment, enhancing their personal growth, social and professional development.

Associated Student Council

(206) 934-4057 SAC 356

The Associated Student Council (ASC) is the official student government of Central and is responsible for representing student interests to the college administration. ASC facilitates the organization of a broad range of student committees which address issues and concerns and promote services that enhance students' experience. ASC consists of six student executives, chosen each spring by peer selection, and six associates who can apply throughout the year to work on specific projects.

College Activities Board

(206) 934-6335 SAC 355

The College Activities Board (CAB) develops and organizes multicultural events and activities which celebrate diversity, involvement and collaboration, including the annual Unity Fair. CAB members learn all aspects of event planning.

Intercultural Activities Board

(206) 934-0971 MAC 314

The Intercultural Activities Board (IAB) provides local activities and events and 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 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. Applications and information are 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.

Ambassador Corps

(206) 934-4134 SAC 350

The Student Ambassador Corps encourages success of their fellow students by informing them of available resources and opportunities at Central and assisting with programs and initiatives.

Tournaments & Games Team

(206) 934-5441 SAC 357

Tournaments and Games Team (TAG) organizes and facilitates recreational activities and quarterly sports tournaments that promote student involvement, fair play and physical activity.

Website & Publications Team

(206) 934-0943 BE 1104

The Student Website and Publications (SWAP) Team is committed to fair, accurate, and inclusive reporting of news and events on campus through online and print publications, including Central Circuit, and serves as the voice for students.

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) 934-2829

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 service and 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) 934-6931 or 934-6932 (Parking)

seattlecentral.edu/transportation

Bus Service

Due to limited parking and environmental concerns, carpooling, walking, biking and busing are strongly encouraged. Central's main campus is well-served by the Metro bus system. Students registered for 10 or more credits are eligible to purchase a discounted ORCA transit pass issued by the college. The ORCA pass may be used to ride Community, Everett, Kitsap, Metro, Pierce and Sound Transit. For additional information and/or inquiries about other transportation options and benefits, contact our office or visit the web.

Parking Services

Because the supply of parking spaces in Seattle Central's Parking Garage is often insufficient to meet the demand, a parking space lottery is held each quarter. Student carpools with 3 or more in a vehicle park free with a permit. Inquire at Parking Services.

From noon through the evening, single occupant student parking is available either by permit or without permit on a first-come, first-served basis for \$5/day (rate subject to change). Purchase permits at the Cashier's office. For forms, rates and more, visit the web.

Affiliate Organizations

The Seattle Central FOUNDATION

(206) 934-5491

seattlecentral.edu/foundation

The Seattle Central Community College Foundation supports students, faculty and programs by raising and providing the resources to help students achieve their full-est potential through quality education. The Foundation awards hundreds of thousands of dollars in scholarships in all areas of study. The foundation also supports college-wide tutoring services, faculty development, and other essential programs and activities which are not funded by state or federal funds.

The Foundation staff and Board of Directors are committed to the idea of creating possibility through education, by giving students the opportunities and access they might not otherwise have. The SCCC Foundation is a 501c3, non-profit organization. Students interested in scholarships should contact the Foundation office or speak with their counselor or advisor.

PROGRAMS OF STUDY at Central

7 Educational Directions

- 1 Academics **College Transfer**
- 2 Careers **Professional & Technical** Programs
- 3 **Continuing** Education
- 4 **Bridge to College / Pre-College** Courses
- 5 **Distance Education** eLearning
- 6 **International** Programs
- 7 **Worker Retraining**

DEFINITION AND RATIONALE of General Education

See page 4.

GENERAL EDUCATION Learning Outcomes

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

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

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

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

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

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

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

CONNECT: Apply knowledge and skills to solve problems

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

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

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

ASSOCIATE OF ARTS DEGREE Learning Outcomes

See page 5.

ASSOCIATE OF SCIENCE DEGREE

Learning Outcomes

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

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

1 | ACADEMICS

College Transfer at Central

ACADEMIC PROGRAMS

(206) 934-5469

Seattle Central Community College offers a wide spectrum of college transfer courses that apply toward a four-year program of study. Students are encouraged to earn their Associate of Arts or Associate of Science degree at Seattle Central Community College for greater ease of transfer to a four-year institution; they may also take individual classes for transfer. It is recommended that students confer with an academic advisor to ensure course transferability.

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

- 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

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

See pages 5-9 for more information on A.A. and A.S. degree requirements.

ASSOCIATE OF ARTS DEGREE (A.A.)

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

See pages 5-9 for college transfer course requirements for A.A. or A.S. degree.

ASSOCIATE OF ARTS (A.A.)

Emphasis in Sustainable Agriculture

seattlecentral.edu/learn/sage.

Sustainable Agriculture Education (SAGE) is an innovative emphasis that offers interdisciplinary courses and hands-on service-learning and internship opportunities in the emerging field of urban agriculture. The emphasis provides fundamental knowledge and skills for students interested in pursuing related education at four-year institutions or entering the green workforce. For details, contact an advisor or visit the website.

ASSOCIATE OF ARTS (A.A.)

Emphasis in Deaf Studies

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

ASSOCIATE OF SCIENCE TRANSFER (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 Community 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 7 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 Community College awarding the degree.

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 5-9 for A.A. and A.S. degree requirements.

ASSOCIATE IN ELEMENTARY EDUCATION A.E.E. – DTA/MRP Degree

K-8 Education Pre-Major

This program is designed for students transferring to a four-year university to pursue a professional teaching degree. It is designed to prepare students for a major-ready pathway (MRP) to B.A. in Elementary Education (K-8) programs in Washington state. It takes approximately two years to complete based on full-time enrollment.

ASSOCIATE IN MATH EDUCATION A.M.E. – DTA/MRP Program

Secondary (9-12) Math Education Pre-major

This program is a major-ready (MRP) direct transfer degree program, designed for students who want to transfer to a university to earn a degree plus a teaching certificate for secondary (grades 6-12) math. It takes approximately two years to complete based upon full-time enrollment. The program provides a solid foundation for transfer to B.A. in Math Education degree (grades 6-12) programs in Washington state.

2 | CAREERS

Professional-Technical Programs

See page 66 for these programs and details of B.A.S. degree in Applied Behavioral Science at Central.

3 | CONTINUING Education

(206) 934-5476

The Office of Continuing and Professional Education offers a variety of credit and non-credit educational opportunities for individuals, organizations, and businesses. It does this through a variety of flexible, innovative, credit, non-credit and distance education programs.

COMMUNITY EDUCATION Classes

(206) 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.

COMPUTER TRAINING Programs

(206) 934-5448

The Computer Training programs work to strengthen a range of skills from introductory computer courses to high-end 3-D animation, including Microsoft Office Suite, database software, multimedia software, web design, auto CAD and Revit Architecture are available.

3-D ANIMATION

Multimedia Courses

(206) 934-5448

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

COOPERATIVE EDUCATION & SERVICE-LEARNING

(206) 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 who recruit on campus.

Travel/Study Courses

Cooperative Education

(206) 934-6998

seattlecentral.edu/coop/travel_courses

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

CUSTOMIZED/CONTRACT Certificate Training

(206) 934-5483

Continuing and Professional Education, in partnership with government and industry partners, conducts a number of extended training programs that result in a professional certificate. Certified specializations such as Nutritional Therapist, Sustainable Building Advisor, Personal Trainer, and many others reflect a growing trend in short-term, high-impact development for high-demand professionals with special knowledge and skills. Continuing Education units are also available for professional development requirements.

ONLINE TRAINING/Courses

(206) 934-3843

Individuals who have severe time constraints, but who want to receive training in personal enrichment courses, computers and professional development can sign up for a variety of non-credit classes from the college's Continuing Education Department.

TEACHER TRAINING/ EDUCATION Programs

(206) 934-3895

www.teachertrainingprogram.com

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

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

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

Associate in Math Education DTA/MRP

See page 61.

Associate in Elementary Education DTA/MRP

See page 61.

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.

4 | BRIDGE to COLLEGE/ PRE-COLLEGE

Basic & Transitional Studies Division (206) 934-4180

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 Community 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) 934-5408.

TRANSITIONAL ESL

English as a Second Language

Placement in transitional ESL classes (advances levels 5-6) 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 2-4), see page 22.

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.

See page 21 for more information.

Pre-College Programs:

ADULT BASIC EDUCATION

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 the General Education Development (GED) or qualify for entry into post-secondary education programs. Course descriptions are listed under ABE. Classes are non-credit. Tuition is low, currently \$25 per quarter (subject to change).

ENGLISH as a Second Language (ESL)

English as a Second Language (ESL) classes, levels 2-4, 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 with special emphasis on the English skills needed for survival and employment. 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 on to Transitional ESL, levels 5 and 6, 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 22 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 22 for details about the diploma options and possible tuition waiver for high school completion.

5 | DISTANCE EDUCATION/ eLearning

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

The Distance Education/eLearning Office at Seattle Central 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 24 for information on distance education/eLearning options.

6 | INTERNATIONAL Programs

INSTITUTE OF ENGLISH

(206) 934-3893
seattlecentral.edu/international

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

See page 27 for further information.

TRAVEL/STUDY ABROAD

(206) 934-3899

See page 28 for information on district-wide Travel/Study Abroad courses.

7 | WORKER RETRAINING Program

Worker retraining at Seattle Central Community 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 work force
- 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 Community College offers degrees and certificates in more than 30 workforce education areas, including a four-year Bachelor of Applied Science degree in Applied Behavioral Science. These programs, which vary in length from one to seven quarters, are designed to prepare students for careers and/or to expand skills in their career area. Several professional-technical programs offer short-term training certificates; students may build skills and add certifications over time to progress in their fields. Contact the program office for information. Seattle Central Community College is accredited by the Northwest Commission on Colleges and Universities.

BACHELOR OF APPLIED SCIENCE Applied Behavioral Science

Workforce Education Division
 (206) 934-6900

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

PREREQUISITE:

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

REQUIRED COURSES:

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

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

TOTAL 30

HUMAN SERVICES CORE (30 CREDITS IN SOCIAL / HUMAN SERVICES, CHILD & FAMILY STUDIES OR RELATED COURSEWORK)

SHS 100	Intro to Human Services	5
SHS 103	Survey of Institutions	5
SHS 106	Interviewing & Counseling	5
SHS 108	Group Dynamics & Counseling	5
SHS 197	Field Placement: Human Services	3
SHS 198	Field Placement: Human Services	3
SHS 199	Field Placement: Human Services	4
TOTAL		30

-OR-

CHILD & FAMILY STUDIES

CFS 110	Learning Environments	3
CFS 120	Physical/Intellectual Development	3
CFS 130	Social/Emotional Development	3
CFS 245	Partnerships with Families	3
CFS 263	Children with Disabilities	3
CFS 270	Child & Family Health	3
CFS 284	Literacy Development	3
SHS 296, 297, 298, 299	Field Placement	8-10
TOTAL		30

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 335	Human Services Practice (Elective)	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 420	Multiculturalism & Artistic Expression (Elective)	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 60

60 additional credits from approved lists. Contact Division Office.

TOTAL CREDITS FOR B.A.S. DEGREE 180

ALLIED HEALTH SCIENCES

Allied Health Division
 (206) 934-4347

A new Associate of Applied Science–T Degree (A.A.S.-T) in Allied Health is slated to begin in 2012. Please call for up-to-date information.

APPAREL DESIGN

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

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

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

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

PREREQUISITES

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

TECHNICAL SPECIALTY COURSES

ADS	101	Construction Techniques for Professional Applications	4
ADS	102	Intermediate Construction for Professional Applications	4
ADS	103	Mass Market Production Techniques	4
ADS	111	Design through Flat Patternmaking I	4
ADS	112	Pattern Development through Draping	4
ADS	113	Design through Flat Patternmaking II	4
ADS	122	Professional Alterations & Fitting I	2
ADS	138	Design I – Principles of Design	2
ADS	139	Intro to Apparel Manufacturing	2
ADS	140	Business Practices in Fashion	3
ADS	141	Textile Technology & Design I	2
ADS	142	Textile Technology & Design II	2
ADS	197	Work Experience in Apparel Design	5
ADS	205	Ready-to-Wear Construction	4
ADS	207	Active Sportswear Construction	4
ADS	215	Intro to Pattern Grading for Garment Industry	4
ADS	226	Intermediate Pattern Grading	4
ADS	227	Pattern Design for Ready-to-Wear	4
ADS	228	Pattern Design for Active Sportswear	4
ADS	229	Design A Line	2
ADS	230	Portfolio & Résumé Development	4
ADS	238	Fashion History	3
ADS	243	Textile Technology & Design III	2
ADS	250	Final Line Design & Development	8

RELATED INSTRUCTION

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

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

TOTAL CREDITS	91
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BUSINESS INFORMATION TECHNOLOGY

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

The Business Information Technology program prepares students for employment in a wide range of industry specialties requiring information technologies, effective communications, customer relations, and organizational management. The integrated, 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 Stackable Certificates, BIT One Year Certificate and/or the BIT A.A.S. Degree. Medical Front Office is also offered as a short-term certificate.

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

BIT (Short Term) Office Assistant Certificate

REQUIRED COURSES

BUS	113	Diversity Issues in Business	3
BUS	131	Integrated Communications I	5
BUS	140	Customer Relations	5
BUS	170	Information Technology I	4
BUS	164	Career Development I	2

TOTAL CREDITS	19
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BIT (Short Term) Office Support Certificate

REQUIRED COURSES

Office Assistant Certificate:	19		
BUS	113	Business Supervision.	3
BUS	116	Business Math/Spreadsheets	5
BUS	132	Integrated Communications II	5
BUS	171	Information Technology II	4
BUS	165	Career Development II	2

TOTAL CREDITS	38
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BIT (Short Term) Office Professional Certificate**REQUIRED COURSES**

Office Assistant and Office Support Certificates:		38
BUS 103	Human Resource Management	3
BUS 172	Information Technology III	4
BUS 181	Desktop Publishing	5
BUS 182	Records Information Management	5
BUS 166	Career Development III	2
TOTAL CREDITS		57

BIT One Year Certificate**REQUIRED COURSES**

BUS 113	Diversity Issues in Business	3
BUS 116	Business Math/Spreadsheets	5
BUS 131	Integrated Communications I	5
BUS 132	Integrated Communications II	5
BUS 140	Customer Relations	5
BUS 170	Information Technology I	4
BUS 171	Information Technology II	4
BUS 172	Information Technology III	4
BUS 182	Information & Records Management	5
BUS 197	Work Experience: Business	4
BUS 216	Professional Development	5
TOTAL CREDITS		49

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

COMPLETION OF CERTIFICATE REQUIREMENTS 49

RELATED INSTRUCTION

ACCT& 201	Principles of Accounting I	5
BUS 100	Fundamentals of Supervision	3
BUS& 101	Intro to Business	5
-OR-		
BUS 185	Small Business Management].	5
BUS 103	Human Resources Management	3
BUS 178	Intro to Web Design/ Development with Dreamweaver	5
BUS 181	Intro to Desktop Publishing	5
BUS 184	Database Applications	5
CMST& 101	Intro to Communication	5

RELATED INSTRUCTION ELECTIVES

Select 10 credits from approved list. 10
Contact the BITCA Division Counselor.

TOTAL CREDITS 95

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 Placement: Social & Human Services.	3

RELATED INSTRUCTION COURSES

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

CFS SPECIALIZATION AREA**12***Select 12 credits from the following classes*

CFS 110	Planning Age-Appropriate Activities & Environments for Young Children	3
CFS 120	Supporting Young Children's Physical & Intellectual Development	3
CFS 130	Guiding & Supporting Young Children's Social & Emotional Development.	3
CFS 145	Activities that Foster Development During the School Age Years	3
CFS 155	Development During the Adolescent Years	3
CFS 180	Guiding Behavior & Social Development During the School Age and Adolescent Years	3
CFS 208	Planning Activities and Spaces for School Age & Youth Programs	3
CFS 215	Mathematics & Science Methods for Working with Young Children	3
CFS 223	Physical Development in School-Age & Youth Programs	2
CFS 225	Assessment/Programming	3
CFS 228	Childhood & Adolescent Sexuality & Education	3
CFS 245	Building Partnerships with Diverse Families	3
CFS 252	Violence Prevention & Community Development with Children, Youth & Families	3
CFS 263	Working with Children with Disabilities	3
CFS 270	Child & Family Health	3
CFS 280	Methods for Cultural Relevancy/Anti-Bias: Strategies for Children & Families	3
CFS 284	Literacy Development for Children & their Families.	3
CFS 290	Budget & Finance for Non-Profits	1-4
CFS 296	Personnel & Supervision	1-4
CFS 299	Independent Study Seminars	1-5

TOTAL CREDITS 45

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

CULINARY ARTS

Seattle Culinary Academy
Culinary Arts
(206) 934-5424

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

Sustainable principles and practices shape the curriculum with the new greenhouse providing the opportunity to learn "seed to plate" practices while supplying fresh herbs for the dining menus. During summer quarter, learn about sustainable farming by planting, tending, harvesting and visiting local farms to discover where food really comes from.

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

Culinary Arts, a six-quarter certificate program, is appropriate for individuals of all skill levels – from beginners to those with industry experience who wish to develop a broader range of skills.

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

Culinary Arts Certificate

PREREQUISITES

ENGL	105	Applied Composition*	3
HOS	150	Measurements & Meanings*	2

**or successful completion of college-level English composition and math classes*

TECHNICAL SPECIALTY COURSES

BAK	105	Restaurant Baking Theory	1.5
BAK	115	Restaurant Baking Practicum	1
BAK	116	Fine Dining Baking Practicum	1
BAK	117	Intro to Cheese Making	1
CUL	101	Food Theory I	6
CUL	102	Food Theory II	5
CUL	103	Food Theory III	4
CUL	104	Food Theory IV	6
CUL	111	Intro to Professional Cooking Practicum	6

CUL	112	Quantity Cooking Practicum	8
CUL	113	Restaurant Cooking Practicum	8
CUL	114	International Cooking Practicum	8
CUL	120	Intro to Wine	1
CUL	151	Sustainable Food Systems Practices I	1
CUL	152	Sustainable Food Systems Practices II	1
CUL	153	Sustainable Food Systems Practices III	1
CUL	205	Advanced Culinary Theory	1
CUL	215	Advanced Culinary Practices	4.5
CUL	251	Buffet Catering/Garde Manger/ Ice Carving: Theory	4
CUL	255	Buffet Catering/Garde Manger/ Ice Carving: Practicum	8
HOS	101	Customer Service Practicum I	1
HOS	102	Customer Service Practicum II	1
HOS	103	Customer Service Practicum III	1
HOS	104	Customer Service Practicum IV	1
HOS	108	Dining Room & Kitchen Management	4
HOS	110	Principles of Sanitation	3
HOS	111	Dining Room Theory	1
HOS	122	Purchasing & Inventory Theory	1
HOS	123	Food Costing Principles & Application	1
HOS	124	Computerized Menu Planning	1
HOS	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 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 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 118

Specialty Desserts & Breads

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

Sustainable principles and practices shape our curriculum with the new greenhouse providing the opportunity to learn “seed to plate” practices while supplying fresh herbs for savory and sweet preparations sold in our dining rooms and pastry shop.

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

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

Certificate

PREREQUISITES

ENGL	105	Applied Composition*	3
HOS	150	Measurements & Meanings*	2

*or successful completion of college-level English composition and math classes

TECHNICAL SPECIALTY COURSES

BAK	101	Intro to Desserts & Breads Theory	4
BAK	102	Bread & Food Preservation	3
BAK	103	Advanced Theory	4
BAK	111	Intro to Desserts & Breads Practicum	6
BAK	112	Beginning Desserts & Breads Practicum	8
BAK	113	Intermediate Desserts & Breads Practicum	8
BAK	123	Advanced Desserts & Breads Theory	2
BAK	124	Adv. Buffet Desserts & Wedding Cakes Practicum	8
BAK	125	Advanced Desserts & Breads Practicum	8
BAK	126	Advanced Food Preservation	3
CUL	106	Intro to Culinary Arts Theory	1.5
CUL	116	Intro to Culinary Arts Practicum	1
CUL	120	Intro to Wine	1
CUL	151	Sustainable Food Systems Practices I	1
CUL	152	Sustainable Food Systems Practices II	1
CUL	153	Sustainable Food Systems Practices III	1
HOS	101	Customer Service Practicum I	1
HOS	102	Customer Service Practicum II	1
HOS	105	Customer Service for Specialty Desserts & Breads	1
HOS	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
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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
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DENTAL HYGIENE

(206) 934-4186

Allied Health Division

(206) 934-4347

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

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

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

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

PREREQUISITES*

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5
PSYC& 100	General Psychology	5
HUM 105 or ISP 105	Intercultural Communication	5
CHEM& 121	Intro to Chemistry	5
CHEM& 122	Intro to Organic Chemistry	5
BIOL& 241	Human Anatomy & Physiology I	5
BIOL& 242	Human Anatomy & Physiology II	5
BIOL& 260	Microbiology	5
MATH& 107	Math in Society	5
NTR 150	Human Nutrition	5
SOC& 101	Intro to Sociology	5
-OR-		
ANTH& 206	Cultural Anthropology	5

**MIC 101 is recommended if no prior basic computer course or evidence of basic computer skills.*

TOTAL PREREQUISITE CREDITS 60

TECHNICAL SPECIALTY COURSES

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

DHY 222	Community Health I	1
DHY 223	Community Health II	2
DHY 224	Community Health III	2
DHY 230	Fundamentals of Dental Hygiene VI	3
DHY 231	Clinical Dental Hygiene VI	8
DHY 233	Restorative Practice & Materials III	2
DHY 234	Restorative Practice & Materials IV	2
DHY 235	Restorative Practice & Materials V	2
DHY 236	Restorative Practice & Materials VI	2
DHY 238	Professional Issues	1
DHY 240	Fundamentals of Dental Hygiene VII	2
DHY 241	Clinical Dental Hygiene VII	8
TOTAL CREDITS		122

TOTAL PROGRAM CREDITS INCLUDING PREREQUISITES: 182

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

EXPANDED FUNCTION DENTAL AUXILIARY

Allied Health Division
(206) 934-4186
www.efdacentral.net/

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

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

FILM & VIDEO COMMUNICATIONS

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

The Film and Video Program will close at the end of the 2011–2012 academic year. The final cohort has been selected; no further applications are being accepted.

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

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

TECHNICAL SPECIALTY COURSES

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

RELATED INSTRUCTION

DRMA 120	Intro to Acting	5
ENGL& 101	English Composition I.	5
ENGL& 102	Composition II	5
ENGL 150	Writing for the Media: Scriptwriting	5
ENGL 155	Writing for the Media: Advanced Scriptwriting I	3
ENGL 203	Writing for the Media: Advanced Scriptwriting II.	3
HIST 130	History of Broadcasting	3
MIC 105	Using Computers	2
MIC 130	Digital Imaging.	3
MIC 131	Nonlinear Editing	3
MIC 241	2D & 3D Animation	3

SOC 120	Sociology of the Media	3
		<i>Students are required to complete a total of five (5) Work Experience credits during the course of the two-year program.</i>

TOTAL CREDITS	101-103
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GRAPHIC DESIGN

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

The Graphic Design program, taught by instructors with industry experience, concentrates on skills for immediate entry into the job market in print design and interactive media areas. The curriculum covers graphic design fundamentals and explores and adapts to emerging communication technologies. Conceptual design and technical skills are combined in consecutive integrated tracks of print design and interaction design, which includes web design, UI/UX, mobile apps and motion. Students work on problem solving, strategy development, and powerful use of typography and visuals for communication solutions, using current computer software in a professional studio environment. Students complete the program with a competitive professional portfolio.

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

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

TECHNICAL SPECIALTY COURSES

DES 101	Drawing I.	3
DES 110	History of Graphic Design	3
DES 145	Graphic Production I	3
DES 146	Graphic Production II	3
DES 147	Graphic Production III	3
DES 148	Graphic Production IV	3
DES 249	Graphic Production V	4
DES 121	Typography I	3
DES 122	Typography II	3
DES 223	Typography III.	4
DES 224	Typography IV.	4
DES 131	Graphic Design I	3
DES 132	Graphic Design II	3
DES 133	Graphic Design III.	3
DES 231	Graphic Design IV	4
DES 232	Graphic Design V	4
DES 233	Graphic Design VI	4
DES 234	Graphic Design VII	4
DES 235	Graphic Design VIII.	4
DES 236	Graphic Design IX.	4
DES 237	Graphic Design X	4
DES 250	Interactive I.	3

DES	251	Interactive II	4
DES	252	Interactive III	4
DES	253	Interactive IV	4
DES	254	Interactive V	4
DES	260	Portfolio Prep.	4
DES	197	Work Experience	3

RELATED INSTRUCTION

NME	110	New Media I	6
NME	120	New Media II	6
NME	130	New Media III	6
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, 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, 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 and Microsoft Specialist I, II, III.

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

PREREQUISITES

ITC	102	Information Systems Concepts	3
ENGL	106	Technical Writing	3
MATH	119	Mathematics Behind Information Technology *	3
MIC	101	Intro to Microcomputer Applications	4
MIC	110	Program Design & Development in Visual Basic	4
MIC	150	Internet and the World Wide Web**	4
ITC	140	Intro to Computer Hardware†	5
NET	120	Network Essentials-Comp TIA Networks†	5
WEB	110	Web Authoring I††	4

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

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

† Networking Design & Administration only.

†† Web Development Only

Applications Support**Certificate****TECHNICAL SPECIALTY COURSES**

ITC	134	Computer Operating Systems	5
ITC	140	Intro to Computer Hardware	5
MIC	110	Program Design & Development in Visual Basic	4
MIC	120	Database, Applications & Design w/ MS Access	4
MIC	160E	Supporting Microsoft Excel with certification	4
MIC	160P	PowerPoint Presentations with certification	4
MIC	160W	Supporting Microsoft Word with certification	4
MIC/CIS	197	Work Experience	4
WEB	110	Web Authoring I	4

RELATED INSTRUCTION

ACCT&	201	Principles of Accounting I	5
-OR-			
NET	120	Networking Fundamentals	5
MIC	175	Computer User Support	4
MATH	119	Math Behind IT	3

TOTAL CREDITS			50
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Associate of Applied Science–T Degree (A.A.S.-T)

Completion of Certificate Requirements			50
ENGL&	101	English Composition I	5
HUM	105	Intercultural Communications	5
MATH	116	Applications of Mathematics to Management, Life & the Social Sciences	5
-OR-			
MATH&	107	Math in Society	5
MIC/CIS	298	Capstone Project Class	5
IT Electives			10
Science and Social Science Electives			10
TOTAL CREDITS			90

Database Administration & Development**Certificate**

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

RELATED INSTRUCTION

BUS	140	Customer Relations	5
TOTAL CREDITS			69

Network Design & Administration CISCO**Certificate****TECHNICAL SPECIALTY COURSES**

ITC	136	Linux/UNIX Operating System	5
NET	122	Network OS 1 – Windows Client Systems	5
NET	124	Network OS 2 – Windows Server	5
NET	126	Network OS 3 – Windows Network Infrastructure	5
NET	134	Network Communications – Enterprise TCP/IP	5
NET	142	Network Management Cisco I	5
NET	144	Network Management Cisco II	5
NET	146	Network Management Cisco III	5
TOTAL CREDITS			40

Network Design & Administration**Certificate****TECHNICAL SPECIALTY COURSES**

ITC	136	Linux/UNIX Operating System	5
ITC	151	Network Security	5
ITC	197	Work Experience Information Technology	3
NET	122	Network OS 1 – Windows Client Systems	5
NET	124	Network OS 2 – Windows Server	5
NET	126	Network OS 3 – Windows Network Infrastructure	5
NET	134	Network Communications – Enterprise TCP/IP	5
NET	138	Unix for Network Administration.	5
NET	142	Network Management Cisco I	5
NET	144	Network Management Cisco II	5
NET	146	Network Management Cisco III	5
NET	200	Enterprise Applications.	10

RELATED INSTRUCTION

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

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

Completion of Certificate Requirements.			78
ENGL&	101	English Composition I.	5
HUM	105	Intercultural Communications	5
MATH	107	Math in Society	5
Electives			5
TOTAL CREDITS			98

Programming

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

Certificate**TECHNICAL SPECIALTY COURSES**

CSC	142	Computer Programming for Engineers	5
ITC	110	Programming Concepts & Fundamentals	5
ITC	172	.NET Web Programming	5
ITC	298	Special Topics	5
ITC	115	Intro to C++ Programming.	5
-OR-			
CSC	143	Computer Programming II	5
ITC	216	Programming for the Web	5
ITC	220	Database Development for Programmers.	5
ITC	255	Systems Analysis.	5
ITC	280	Web Database.	5
ITC	298	Special Topics	5
WEB	110	Web Authoring I	4
Restricted IT Electives			10

RELATED INSTRUCTION

BUS	140	Customer Relations	5
TOTAL CREDITS			69

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

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

Web Design

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

Certificate**TECHNICAL SPECIALTY COURSES**

CIS	197	Work Experience	1
ITC	200	User Experience Design	4
ITC	220	Database Development for Programmers.	5
ITC	280	Web Databases	5
MIC	102I	Illustrator	1
MIC	102G	Programming.	1
WEB	105	Working on a Web Team	3
WEB	110	Web Authoring I	4
WEB	112	Typography for the Web.	3
WEB	114	Photoshop for the Web.	3
WEB	120	Web Authoring II.	4
WEB	130	Web Design with Dreamweaver	3
WEB	150	Intro to Javascript	3
WEB	160	Writing for the Web.	2
WEB	170	Web Animation Using Flash.	3
WEB	200	Theory of Web Design.	4
WEB	205	Web Career Strategies	2
WEB	210	Advanced Web Design	5
Restricted IT Electives			5

RELATED INSTRUCTION

PHIL& 106	Intro to Logic	5
TOTAL CREDITS		66

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

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

Web Development**Certificate****TECHNICAL SPECIALTY COURSES**

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

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

Completion of Certificate Requirements		67
BUS 240	Internet Law	5
ENGL& 101	English Composition I	5
HUM 105	Intercultural Communications	5
MATH& 107	Math in Society	5
ITC 285	Capstone Project Class	5
TOTAL CREDITS		92

INTERPRETER TRAINING PROGRAM

Allied Health Division
(206) 934-4347

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

The Interpreter Training program is one of the few two-year Associate of Applied Science—T (A.A.S.-T) degree programs in interpreting in Washington. The program

prepares graduates to facilitate communication between Deaf and hearing people using American Sign Language and English. It has a national reputation as a training program and for producing graduates with marketable skills.

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

Approximately 40 students per year are accepted in this sequential program beginning each fall quarter. Applicants are advised to submit applications before the end of spring quarter. Contact the division office for program revisions and the program counselor for application procedures and schedule information.

PREREQUISITES

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

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

ITP 115	Survey of Interpreting	3
ITP 120	Support Service Personnel Training	2
ITP 145	Ethics of Interpreting	3
ITP 160	ASL to English, Interpretation I	4
ITP 161	English to ASL, Interpretation I	4
ITP 162	ASL to English, Interpretation II *	4
ITP 163	English to ASL, Interpretation II *	4
ITP 164	ASL to English, Interpretation III *	4
ITP 165	English to ASL, Interpretation III *	4
ITP 216	Interpreting Specialized Settings	3
ITP 217	Professional Entry Preparation	3
ITP 220	Deaf-Blind Interpreting	2
ITP 245	Applied Interpreting Experience I *	4
ITP 250	Applied Interpreting Experience II *	4
ITP 255	Applied Interpreting Experience III *	4
ITP 260	Interpreting IV *	4
ITP 261	Interpreting V *	4
ITP 262	Transliteration *	4

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

RELATED INSTRUCTION

ASL 125	American Deaf Culture	5
ENGL& 101	English Composition I	5
HUM 105	Intercultural Communication	5
LAN 110	Comparative Linguistics: ASL & English	5
SPS 201	Survey of Hearing Impairment	5
MATH& 107	Math In Society	5

OPTIONAL ELECTIVES

ASL	120	Intro to Deaf Studies	5
DRMA	112	ASL Theatre.	5
DRMA	120	Intro to Acting	5
TOTAL CREDITS			94

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

MARINE TECHNOLOGY

Seattle Maritime Academy
 4455 Shilshole Avenue NW, Seattle, WA 98107
 seattlecentral.edu/maritime
 (206) 782-2647

The Seattle Maritime Academy (SMA) offers technical vocational training and professional certification preparation for the workboat industry, commercial fishing and the Merchant Marine. Students may enroll in the formal certificate programs or pursue maritime training on a part-time basis 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 60-day at-sea internship on a large commercial vessel.

SMA offers the Marine Engineering Technology curriculum as a 73-77 credit program, culminating in a certificate in Marine Engineering Technology from Seattle Central. Students will also be eligible for a U.S. Merchant Mariners document endorsed with any and/or all of the following engine room (QMED) ratings: Electrician; 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

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

SMA offers the Marine Deck Technology curriculum as a 63-64 credit program, culminating in a certificate in Marine Deck Technology from Seattle Central. Each graduate who successfully completes the program receives eight months of sea service credit towards a license as Master of Inland Steam or Motor Vessels of Not More Than 100 Gross Tons, or eight months of sea service credit towards a license as Mate of Near Coastal Steam or Motor Vessels of Not More Than 200 Gross Tons. This sea service credit is two-thirds of the total required sea service for the license. On completion, the student also receives eight months of sea service credit towards an Able Seaman-Special endorsement or one-third of the required sea service credit for any other Able Seaman endorsement. Combining the eight months of sea service from the academic program with the two months of actual sea service on SMA's training vessels and the internship gives each graduate ten months of sea service towards AB-Special. Graduates satisfy both the written and practical examination requirements for both the Able Seaman and the Lifeboatman endorsements. The MDT certificate program also qualifies each graduate for an STCW "ratings forming part of a navigational watch" endorsement.

Marine Engineering Technology

Certificate

TECHNICAL SPECIALTY COURSES

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

MTS	284	Shipboard Pollution Prevention	2
MTS	285	Marine Boilers	3
MTS	294	License Seminar	2

RELATED INSTRUCTION

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

TOTAL CREDITS 73-77

**Optional course*

Marine Deck Technology

Certificate

TECHNICAL SPECIALTY COURSES

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

RELATED INSTRUCTION

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

TOTAL CREDITS 63-64

Deckhand Cook

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

Certificate

TECHNICAL SPECIALTY COURSES

MGO	100	Marine Steward	24
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TOTAL CREDITS 24

Short-term Community Service/Industry Support Courses:

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

Short-term Certification Preparatory Courses:

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

NURSING

Nursing (206) 934-4123

**Allied Health Division
(206) 934-4347**

Besides the LPN to RN and RN Associate Degree, Nursing offers short-term certificates in Nursing Assistant – Certified and in Patient Care Technician. Contact the office for information.

L.P.N. to R.N. Transition

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

NUR	106	LPN-RN Transition	8
NUR	120	LPN-RN Transition: Assessments & Intervention 1	1

TOTAL PREREQUISITE LPN-RN COURSES 9

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

Nursing R.N. Associate Degree

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 NECLEX-RN and apply for a license as a registered nurse in Washington State.

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

PREREQUISITES

BIOL& 241	Human Anatomy and Physiology I *	5
BIOL& 242	Human Anatomy and Physiology II *	5
BIOL& 260	Microbiology	5
CHEM& 121	Intro to Chemistry	5

(or one year of high school Chemistry in the last three years)

ENGL& 101	English Composition I	5
PSYC& 100	General Psychology	5

Eligible for Math 107

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

TOTAL 15

TECHNICAL SPECIALTY COURSES

NUR 101	Nursing I: Fundamentals of Nursing	5
NUR 102	Nursing II: Medical-Surgical Nursing	3
NUR 103	Nursing III: Medical-Surgical Nursing	4
NUR 111	Nursing Practice I	3
NUR 112	Nursing Practice II	3
NUR 113	Nursing Practice III	4
NUR 122	Psychosocial Nursing I	2
NUR 123	Pharmacology for Nursing	4
NUR 185	Gerontology for Nurses	2
NUR 201	Nursing IV A: Psychosocial Nursing II	2
NUR 206	Nursing IV B: Medical-Surgical Nursing	3
NUR 207	Nursing V: Medical-Surgical Nursing	4
NUR 208	Nursing VI: Developing Family Nursing	6
NUR 211	Nursing Practice IV A	3
NUR 216	Nursing Practice IV B	3
NUR 217	Nursing Practice V	5
NUR 218	Nursing Practice VI	3

NUR 220	Health Promotions & Managing Care in Nursing	2
NUR 230	Transition to Professional Nursing Role	2

TOTAL 63

TOTAL PROGRAM CREDITS INCLUDING PREREQUISITES 108

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, eye-glasses, and/or appurtenances for intended wearers on written prescriptions from physicians or optometrists; and in accordance with such prescriptions, the dispenser measures, adapts, adjusts and fabricates such lenses, spectacles, eyeglasses and/or appurtenances to the human face for the aid or correction of visual or ocular anomalies of the human eye." Other responsibilities may include business/administrative functions including record maintenance, purchasing, maintenance of supplies and equipment, physiognomy measurements and preparation of job orders.

Graduates must pass a state licensing exam and have four hours of HIV/AIDS education to practice in this field. Students may enter during fall and winter quarters only. For more information contact the division office.

PREREQUISITES

Eligibility for ENGL&101 and MATH 110.

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

OPH 100	Orientation to Ophthalmic Dispensing	2
OPH 101	Optical Theory I	5
OPH 102	Optical Theory II	4
OPH 103	Optical Theory III	3
OPH 105	Ocular Anatomy & Physiology	3
OPH 106	Contact Lens Technology I	5
OPH 107	Ophthalmic Dispensing I	5
OPH 108	Ophthalmic Dispensing II	5
OPH 110	Optical Lab Technology I	3
OPH 111	Optical Lab Technology II	3
OPH 112	Optical Lab Technology III	3
OPH 113	Finishing I	5
OPH 197	Work Experience: Opticianry	3
OPH 198	Work Experience: Opticianry	3

OPH	199	Work Experience: Opticianry	3
OPH	203	Contact Lens Technology II	5
OPH	204	Contact Lens Technology III.	6
OPH	205	Contact Lens Technology IV.	2
OPH	211	Finishing II.	5
OPH	212	Finishing III	5
OPH	215	Benchwork Procedures	3
OPH	295	Ophthalmic Dispensing Business I.	3
OPH	296	Ophthalmic Dispensing Business II	3
OPH	297	Ophthalmic Dispensing Business III.	3
OPH	299	Comprehensive	7

RELATED INSTRUCTION

AHE	165	Medical Terminology I.	3
CMST&	101	Intro to Communication	5
-OR-			
HUM	105	Intercultural Communication	5
BUS&	101	Intro to Business	5
-OR-			
BUS	185	Small Business Management	5
-OR-			
BUS	103	Personnel/Human Resource Management	3
PSYC&	100	General Psychology	5
-OR-			
PSYC&	200	Lifespan Psychology.	5
-OR-			
PSYC	240	Psychology of Human Relations.	3
ENGL&	101	English Composition I.	5
MATH	110	Applied Math for Technicians.	3
MIC	101	Intro to Microcomputer Applications.	4

TOTAL CREDITS	123-127
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NOTE: Eligibility for graduation requires a minimum 2.0 GPA in all required technical specialty and related instruction courses.

PHOTOGRAPHY, COMMERCIAL

**Business, Information Technologies
& Creative Arts Division**
(206) 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, business and marketing plans, prepared to succeed in a changing and competitive profession.

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

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

PHO	111	Camera Techniques I	4
PHO	112	Camera Techniques II	3
PHO	113	Studio Techniques I	3
PHO	121	Lighting Techniques I	4
PHO	122	Lighting Techniques II	4
PHO	123	Location Techniques.	3
PHO	131	Digital Darkroom Techniques I.	3
PHO	132	Digital Darkroom Techniques II	3
PHO	133	Retail Photography	3
PHO	141	Survey of Photography	3
PHO	142	Digital Imaging.	4
PHO	143	Digital Media Production.	3
PHO	197	Work Experience – Internship	1
PHO	214	Catalog Production.	3
PHO	215	Advertising Production	4
PHO	224	Communication Production	4
PHO	225	Conceptual Development I	3
PHO	234	Professional Business Practices I	3
PHO	235	Professional Business Practices II	3
PHO	244	Digital Narrative.	3
PHO	245	New Media I	3
PHO	254	Portfolio I	3
PHO	255	Portfolio II	3
PHO	256	Portfolio III	3
PHO	266	New Media II	3
PHO	276	Portfolio Show	3
PHO	286	Special Projects.	3

RELATED INSTRUCTION**18**

NME	110	New Media I	6
NME	120	New Media II	6
NME	130	New Media III.	6
Electives		12

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

TOTAL CREDITS	115
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RESPIRATORY CARE

Allied Health Division
(206) 934-4347

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

The program offers an Associate of Applied Science (A.A.S.) degree and is fully accredited by the Committee on Accreditation for Respiratory Care.

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

Graduates are eligible for licensure as Respiratory Care Practitioners in Washington state, and are also eligible and prepared for the National Board Registered Therapist credentialing exams. The required seven hours of HIV/AIDS education is included. New classes begin fall quarter only. For advanced placement consideration, contact the division office for specific requirements.

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

PREREQUISITES

Eligibility for ENGL& 101 & MATH 110.

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

PREREQUISITES

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

TECHNICAL SPECIALTY COURSES

RCP 101	Respiratory Care Orientation	1
RCP 110	Intro to Respiratory Care	2
RCP 112	Applied Microbiology & Chemistry	2
RCP 114	Respiratory Care Fundamentals I	4
RCP 115	Pharmacology for Respiratory Care I	1
RCP 120	Clinical Practice I	4
RCP 123	Pathophysiology for Respiratory Care I	1
RCP 124	Respiratory Care Fundamentals II	5
RCP 125	Pharmacology for Respiratory Care II	1
RCP 130	Clinical Practice II	5
RCP 133	Pathophysiology for Respiratory Care II	1
RCP 134	Respiratory Care Fundamentals III	5
RCP 135	Pharmacology for Respiratory Care III	1
RCP 137	Cardiopulmonary Anatomy & Physiology	4
RCP 240	Clinical Practice III	4
RCP 241	Respiratory Care of Critically Ill Adults	2
RCP 243	Pathophysiology for Respiratory Care III	1
RCP 244	Respiratory Care Fundamentals IV	3
RCP 245	Pharmacology for Respiratory Care IV	1
RCP 250	Clinical Practice IV	6
RCP 251	Respiratory Care of Infants & Children	3
RCP 253	Pathophysiology for Respiratory Care IV	1
RCP 254	Respiratory Care Fundamentals V	3
RCP 260	Clinical Practice V	6
RCP 262	Entry level Exam Review	1

RCP 264	Respiratory Care Fundamentals VI	3
RCP 267	Advanced Mechanical Ventilation	2
RCP 270	Clinical Practice VI	6
RCP 272	Comprehensive Review of Respiratory Care	4
RCP 274	Pulmonary Rehabilitation & Home Care	2
RCP 276	Advanced Patient Assessment	3

RELATED INSTRUCTION

AHE 150	HIV/AIDS Education	0.5
BIOL& 242	Human Anatomy & Physiology II	5
ENGL& 102	Composition II	5
PSYC& 100	General Psychology	5
-OR-		
PSYC& 200	Lifespan Psychology	5
Electives	5

Select 5 credits from the Social Sciences/Humanities.

TOTAL CREDITS 129

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

SERVICE LEARNING

**Cooperative Education & Service-Learning
Room BE 1103
(206) 934-6997
seattlecentral.edu/course/servlearn.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 & HUMAN SERVICES

**Social & Human Services
(206) 934-6900**

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

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

PREREQUISITES

Eligibility for ENGL& 101 and MATH 084.

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

HUMAN SERVICES CORE

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

HUMAN SERVICES SPECIALIZATIONS

Select 30 credits from the following classes: 30

SHS 150	AIDS Workshop	1
SHS 200	Theories of Counseling	4
SHS 205	Crisis Management & Intervention.	3
SHS 207	Behavior Management	3
SHS 210	Multicultural Counseling	3
SHS 215	Adolescent Development & Treatment	5
SHS 222	Conflict Management	3
SHS 223	Multicultural Counseling (LGBT).	1
SHS 224	Leadership Theory & Skills	3
SHS 225	Relapse Prevention	1
SHS 226	Adolescent Assessment	1
SHS 231	Physiology/Pharmacology of Chemical Dependency	3
SHS 232	Chemical Dependency & the Family	3
SHS 233	Chemical Dependency Counseling.	5
SHS 235	Intro to Chemical Dependency.	5
SHS 242	Mental Health Diagnosis in Chemical Dependency & Other Human Service Settings.	5
SHS 245	Mental Health Overview	3
SHS 250	Client & Community Advocacy	4
SHS 255	Co-occurring Disorders: Treatment Issues & Services.	5
SHS 265	Management & Supervision	5
SHS 270	Law & Ethics in Chemical Dependency	3
SHS 275	Chemical Dependency & Domestic Violence.	3
SHS 280	Chemical Dependency Case Management	3
SHS 296	Human Services Workshop *.	1
SHS 297	Human Services Workshop *.	2
SHS 298	Human Services Workshop *.	3
SHS 299	Independent Study or Research *	1-5

* Maximum of 8 credits may be applied towards degree.

RELATED INSTRUCTION

ENGL& 101	English Composition I.	5
ENGL& 102	Composition II.	5
PSYC& 100	General Psychology	5
SOC& 101	Intro to Sociology	5
CMST& 101	Intro to Communication	5
Elective in Social Science or Humanities		5
TOTAL CREDITS		90

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

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

Chemical Dependency Specialist

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

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

PREREQUISITE

Eligibility for ENGL& 101 & MATH 084.

Certificate

CORE COURSES

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

TECHNICAL SPECIALTY COURSES

SHS 150	HIV/AIDS Workshop *	1
SHS 210	Multicultural Counseling * **.	3
SHS 215	Adolescent Development & Treatment * **.	5
SHS 231	Physiology/Pharmacology of Chemical Dependency *	3
SHS 232	Chemical Dependency & the Family *	3
SHS 233	Chemical Dependency Counseling *	5
SHS 235	Intro to Chemical Dependency *	5
SHS 270	Law & Ethics in Chemical Dependency *	3
SHS 280	Chemical Dependency Case Management *	3
SHS 296-298	Human Services Workshop **	1-3

** These courses meet current minimum state requirements for registration as Chemical Dependency Counselors with the Department of Health. Certification as a Chemical Dependency Professional with Washington state also requires*

an associate's degree or its academic equivalent in any area, and 2,500 clock hours of supervised clinical work.

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

FIELD PLACEMENT COURSES

CDS	197	Field Placement in Chemical Dependency.	3
CDS	198	Field Placement in Chemical Dependency.	3
CDS	199	Field Placement in Chemical Dependency.	4

GENERAL EDUCATION COURSES

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

TOTAL CREDITS 67-69

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

SURGICAL TECHNOLOGY

Allied Health Division
(206) 934-4347

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

The program consists of instruction in 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 healthcare facilities through 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

20.5 – 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.*

Certificate

TECHNICAL SPECIALTY COURSES

SURG	111	Surgical Lab	6
SURG	113	Surgical Theory I	10
SURG	115	Clinical Orientation.	2
SURG	123	Surgical Theory II	12
SURG	125	Clinical Practice I	7
SURG	133	Surgical Technology III	10
SURG	135	Clinical Practice II	12

TOTAL CREDITS 79.5-85.5

**Students wanting to pursue an AAS should take AHE 168 to have enough credits.*

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

Completion of Certificate Requirements.			79.5-85.5
MATH&	107	Math in Society	5
-OR-			
MATH	109	Elementary Statistics	5
PSYC&	100	General Psychology	5
TOTAL CREDITS			91.5-95.5

WOOD CONSTRUCTION

2310 South Lane, Seattle, WA 98144
(206) 934-5460

The Wood Construction program prepares students for employment in the following three areas: Cabinetmaking & Fine Woodworking, Carpentry, and Marine Carpentry (Boatbuilding). All students enrolling in any full-time Wood Construction Certificate program are required to complete 13 credits of Related Instruction. Courses can be taken as independent certificates or as a series of stackable certificates.

Cabinetmaking & Fine Woodworking

Certificate

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

TECHNICAL SPECIALTY COURSES

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

RELATED INSTRUCTION

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

TOTAL CREDITS 103

Carpentry

Certificate

The Carpentry program prepares students for employment in residential and light commercial construction trades.

Students have the option to earn quarterly short term certificates or the Carpentry Program certificate or an Applied Science (A.A.S.) degree. The carpentry one-quarter certificates can build to a full carpentry certificate.

TECHNICAL SPECIALTY COURSES

WCO	110	Intro to Professional Woodworking	18
WCO	142	Intro to Carpentry & Blueprint Reading	4
WCO	143	Building Site Selections to Layout	5
WCO	144	Foundation Systems: Forms to Concrete Finishes	9
WCO	145	Framing Systems: Floor to Ceiling	9
WCO	146	Roof System: Framing to Installation	5
WCO	147	Stairs: Rough Framing to Finished Stairwell.	4
WCO	148	Exterior Finishes: Building Enclosure to Finish Trim	9
WCO	149	Interior Finishes: Door Installation to Finish Trim	9

RELATED INSTRUCTION

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

TOTAL CREDITS 85

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

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

TECHNICAL SPECIALTY COURSES

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

TOTAL CREDITS 18

Framing Fundamentals Certificate

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

PREREQUISITES

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

TECHNICAL SPECIALTY COURSES

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

TOTAL CREDITS 18

Finishing Fundamentals Certificate

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

PREREQUISITES

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

TECHNICAL SPECIALTY COURSES

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

TOTAL CREDITS 18

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

The A.A.S. degree requires completion of certificate requirements for the Cabinetry (103 credits) or Carpentry (85 credits) programs, plus 17 credits, taken in sets, from the groups below:

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

Select 17 credits from the following groups:

For Cabinetmaking Students:

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

For Carpentry Students:

WCO	130	Marine Carpentry	18
-OR-			
WCO	150	Cabinetmaking	18
OTHER ELECTIVES:			
MIC	203	Intro to CADD	3
WCO	160	Architectural Blueprint Reading & Cost Estimating for Building Trades	3
WCO	164	Roof Framing & Stair Building	2
WCO	167	Fine Furniture Making	4
WCO	197	Work Experience – Wood Construction	5-12
OR Any ACCT, BUS, CSC, HDC, MIC, MTS, TDR or Liberal Arts course			

TOTAL CREDITS FOR AAS DEGREE 120

Marine Carpentry (Boatbuilding)**Certificate**

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

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

RELATED INSTRUCTION

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

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

This degree requires completion of certificate requirements for Marine Carpentry (Boatbuilding) program (118 credits), plus 20 credits from electives such as the following courses: Completion of Certificate Requirements. 118

ELECTIVES 20

Select 20 credits from

MIC	103	Computer Applications for Builders	3
MIC	203	Intro to CADD	3
WCO	140	Carpentry <i>(Optional - Instructor permission required)</i>	18
WCO	150	Cabinetmaking <i>(Optional - Instructor permission required)</i>	18
WCO	160	Architectural Blueprint Reading & Cost Estimating for Building Trades	3
WCO	164	Roof Framing & Stair building	2
WCO	167	Fine Furniture	3
WCO	197	Work Experience - Wood Construction	3
-OR-			
Any ACCT, BUS, CSC, HDC, ITC, MIC, MTS, NET or liberal arts course			5-15
TOTAL CREDITS			138

**WORK EXPERIENCE / INTERNSHIP /
VOLUNTEER PROGRAM****Cooperative Education**

(206) 934-5422

seattlecentral.edu/coop/intern_empinfo.php

Students receive 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) 934-5422

seattlecentral.edu/coop/travel_courses.php

Earn credit for various travel/study experiences in an international setting. Students can earn credit for language enhancement, research-based or work/internship/volunteer activities.

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