



Welcome

What's the Seattle Central experience like? It's small classes, engaging instructors, challenging programs, and a diverse student body, set in a vibrant urban neighborhood in the heart of Seattle. It's about starting your four-year degree, learning marketable skills, and making connections. Most of all, it's about becoming a better, more capable you.

Each year more than 15,500 students choose Seattle Central College to help them meet their educational goals. We are proud to be one of the most diverse educational institutions in Washington state. We attract people from all walks of life who seek education to better their lives, representing a multitude of ages, races, nationalities, ethnicities and backgrounds, which creates a rich learning environment.

Our main campus on Capitol Hill is easily reached by public transportation and light rail connecting the campus to other parts of the city, including the University of Washington. Our urban location offers countless choices for shopping, dining, and entertainment.

We also offer classes at three nearby locations. The Wood Technology Center, in the Central District, has been training woodworkers since 1936. The Seattle Maritime Academy features a new facility on the working waterfront in Ballard and trains students to work in the maritime industry. Our Health Education Center at Pacific Tower in Beacon Hill opened in 2016 and features the latest in medical technology to prepare students to work in the healthcare industry.

The college offers a range programs, degrees, and certificates serving the career goals of students and the demands of employers in culinary arts, apparel design, information technology, maritime, healthcare, and social and human services. All programs provide real-world, hands-on training from instructors who stay current with the latest industry trends.

Whatever your educational goals, Seattle Central can help. Unlike many colleges, we have an open admissions policy. If you want to succeed in college, we have a place for you. Visit www.seattlecentral.edu/future or call (206) 934-3898.



Getting Started at Central

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

Mission

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

Core Themes

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



Facts at a Glance*

2015–2016 ANNUAL PROFILES

Annual attendance 2015–2016 14,967

Special Enrollments

Distance Education	6,976
Running Start	396
International Students	2,518
Worker Retraining	397

FALL 2016 PROFILES

Students **

Median age	27
Ethnic diversity	58%
Male/Female	42%/58%
With bachelor or higher degrees	13%
Employed	49%
full-time	23%
With dependents	16%
single parents	6%
Full-time/Part-time attendance	42%/58%

Programs

College Transfer	38%
Professional Technical	34%
Basic Skills	12%
Pre-college & Other	16%

Course Funding Sources

State-funded	80%
Contract-supported	8%
Student-supported	12%

* Source: State Board for Community and Technical Colleges Data Warehouse and Seattle College District's Database.

** State-funded

Specialized Training Centers

Seattle Maritime Academy

4455 Shilshole Ave NW, Seattle, WA 98107
(206) 934-2647
maritime.seattlecentral.edu

Seattle Maritime Academy's focus is as a professional/technical school helping supply the industry with confident and competent middle rate mariners to fill the looming gap in the maritime workforce. We support Seattle and the Pacific Northwest in preparing students for family/living wage jobs to rebuild the middle class. It is located in the heart of Ballard on the working waterfront of the Lake Washington Ship Canal. The Academy offers certificate programs in Marine Deck Technology and Marine Engineering Technology, as well as community education training in a variety of marine-related subjects. The Academy also provides professional development and customized trainings and skill building classes to private-sector companies, government agencies, military units and unions.

Wood Technology Center

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

The state-of-the-art Wood Technology Center has trained Northwest woodworkers since 1936. Programs include core training in safety, skills, tools, and materials and specializations in cabinetmaking, fine woodworking, carpentry, marine technology, boat building, and repair. Students can earn associate degrees or a series of skill-specific certificates.

Health Education Center

1200 12th Ave S, HEC 202 Seattle, WA 98144
(206) 934-4347
seattlecentral.edu/health/

Seattle Central's Health Education Center offers a variety of intensive, hands-on training programs that prepare students for successful healthcare careers. Occupying five floors of the historic Pacific Tower on Beacon Hill, the center contains facilities that include modern labs equipped the latest healthcare technology, providing a real-world training environment. With day, evening and hybrid classes, students have the flexibility to enroll in certificate, associate degree and bachelor's degree programs, in Dental Hygiene, Respiratory Care, Nursing, Surgical Technology, Healthcare Services Management and more.

Academic & Student Support Services

Advising Center

(206) 934-4068
seattlecentral.edu/advising

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

Career Services Center

(206) 934-4383
seattlecentral.edu/careercenter

Career Information

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

Employment Assistance

The Career Services Center offers job listings online and in hard copy; an automated online job board for students and alumni called Career Hub; job search information; résumé and cover letter critiques; mock interviews; employer fairs; and access to computers for job searches, as well as résumé and cover letter preparation.

Class Schedule Quarterly

(206) 934-3800
mycentral.seattlecolleges.edu

Seattle Central produces a quarterly class schedule that lists specific courses offered that quarter. It is available online approximately six weeks before the start of each quarter. To view the online class schedule, visit Seattle Central's home page and click on "class schedule."

College Success Program

(206) 934-3168
seattlecentral.edu/collegesuccess

The College Success Program is especially designed to support students who have been in the foster care system. Resources and support include assistance with: enrolling, attending, completing, and transitioning to employment or a four-year transfer degree to move on to university. In addition the program provides advocacy support, and a network of campus and community support systems, and depending on eligibility limited and specific financial assistance for qualified school expenses and living costs. Please visit room BE 4170A to learn more, register for the program, and see eligibility requirements for financial assistance.

College Transfer Center

(206) 934-5469
seattlecentral.edu/transfer

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

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

Computer Center

(206) 934-4194
seattlecentral.edu/it-services/computerlabs

The Computer Center is open to all Seattle Central students and has PC and Apple computers with student network software and Internet connectivity. Printing is available at minimal cost. Current Seattle Central enrollment is required. A student ID number is required for access and a student ID card for equipment checkout. Visit the Computer Center in Room BE3148 for more information.

Counseling Services

(206) 934-3295
seattlecentral.edu/counsel

The primary goal of counseling is the retention of students by addressing educational, career, and personal issues. Counselors also teach strategies helping students develop critical thinking skills, set academic goals, engage in lifelong learning, develop skills for employment, maintain personal wellness, and help support strategies that assist students to navigate a diverse environment. Counselors are assigned to individual departments.

Disability Support Services

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

The role of the Disability Support Services office is to provide physical and academic accommodations to students with documented disabilities. This office helps determine academic adjustments, and consults for the provision of such accommodations. Disability Support Services arranges for a variety of auxiliary services such as sign language interpreters, assistive technology, extended time on exams and academic assistance. To avoid delays, auxiliary requests such as ordering books in an electronic format and interpreting services for on-going classes require four weeks advance notice. At least three business days are required for special requests/one-time Interpreting services.

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

See page 45 for specific details and additional information on eligibility and policies.

International Education Student Services

(206) 934-3893
seattlecentral.edu/international/index.php

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

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

See page 27 for additional information about International Programs.

Library & Media Services

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

The main library for Central campus, located in BE 2101, maintains collections of books, reserved textbooks, e-books, periodicals, DVDs, CDs, and research databases to support student learning. Student network computers, laptops, iPads, Chromebooks, and Wi-Fi are available. The library also provides study space, group study rooms, photocopiers, scanners, and media equipment. Librarians offer individual reference service to students seeking research help in person and online through email and 24/7 chat reference. Librarians also teach credit courses on information research and course-integrated research workshops.

Multicultural Services

(206) 934-4085

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

Senior Adult Education

Washington state residents 60 years or older may register for up to two courses for audit or credit, for a fee of \$5 per class. Seniors register on a space-available basis beginning the second week of the quarter but prior to the tenth day of the quarter. Students should attend class the first week of the quarter with instructor permission while waiting to find out if space is available. If the instructor allows the student to attend, the student should pick up an enrollment form from the registration or information center to obtain instructor's signature to enroll. Students are responsible for any additional charges, such as I.D. card, lab fees, activity fee, transportation fee, books or supplies. When seniors enroll for more than two courses, they pay for the additional credits at regular tuition rates. Credits taken using the senior citizen waiver cannot be used toward degree completion.

Student Academic Services/Tutoring

Seattle Central Learning Support Network

(206) 934-0973

seattlecentral.edu/learningsupportnetwork

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

BE Learning Center

(206) 934-0973

seattlecentral.edu/learningsupportnetwork

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

Math Path

seattlecentral.edu/learningsupportnetwork

Email: samlearningsupport@seattlecolleges.edu

The Math Path in Science and Math 100 provides learning support specifically for students enrolled in pre-college math (Math 080, 081, 087, 088, 091, 092, 096 and 098). Faculty and student peer tutors work together to model and foster successful math learning.

Science and Math (SAM) Learning Centers

seattlecentral.edu/learningsupportnetwork

Email: samlearningsupport@seattlecolleges.edu

Mon-Fri, 9 am-6 pm

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

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

TRiO Student Academic Assistance

(206) 934-3852

seattlecentral.edu/trio

In BE 1102B1 Student Support Services, a TRiO program funded by the U.S. Department of Education, promotes retention, graduation and transfer of underserved students through the delivery of targeted services to empower personal, academic, and professional growth. Services include counseling, tutoring, career advice, college campus tours and quarterly cultural events. Eligible students need to be either first generation, or low-income, or have a documented disabilities. For more information, stop by the TRiO office.

Testing Office

(206) 934-6344

seattlecentral.edu/testing/

Most students seeking a degree or certificate or enrolling in most English or mathematics classes must take 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.

Veterans Affairs

(206) 934-4147

seattlecentral.edu/veterans

For information about using VA benefits to attend Seattle Central College or how to qualify for Veterans tuition discount, visit the website or contact the Veterans Coordinator in BE 1104C. For a complete description of the educational benefits for veterans and their dependents, as well as assistance for students interested in pursuing careers in the military, visit the U.S. Veterans Affairs website at www.va.gov.

See page 33 for more details.



Student Life

Women's Programs

907 E Pine St.
Seattle, WA 98122
(206) 934-3854
seattlecentral.edu/student-support/womens-programs.php

Through the Wednesday noon lecture series "Women in Society," campus health fairs, and other student events, Women's Programs build community awareness around gender concerns while creating a voice and community. It provides information about a variety of community financial resources and other forms of assistance to all students. It coordinates a schedule of visiting community partners available to meet with students to provide resources and additional referrals. Emergency funds are available for students who qualify through a variety of resources.

Workforce Services

(206) 934-3854
seattlecentral.edu/workforce/
907 E. Pine
Seattle, WA 98122

WorkForce Services assists students in identifying and achieving their educational and career goals, with a special emphasis on support for low-income returning students pursuing non-traditional career options and training in high-wage, high-demand jobs.

Financial assistance for tuition, books, and supplies is available to students who qualify through the Worker Retraining program, Basic Food Education & Training (BFET) program, WorkFirst programs, and Opportunity Grant programs. Visit startnextquarter.org to help determine preliminary eligibility.

Educational Planning with professional staff helps students access education and success through individual plans, campus and community resources.

Both current students and those wanting information and assistance in attending Seattle Central can contact WorkForce Services.



Art Gallery

M. Rosetta Hunter Art Gallery

(206) 934-4379
9:30 am–3:30 pm, Mon–Fri
5–7 pm, Tues and Wed

The Art Gallery, located in the Atrium, is an educational exhibition space that enhances Seattle Central's academic goals and contributes to the cultural enrichment of the institution. It hosts exhibits and activities that reflect and serve our multicultural population. The Gallery presents approximately nine exhibits throughout the academic year, and one show during the summer. Many feature the work of Seattle Central students and graduates.

Bookstore

(206) 934-4148
seattlecentral.bncollege.com

The Bookstore, located in SAC 250 across the street from the main college building on Broadway, carries required and recommended textbooks for courses. Textbooks and supplies can also be ordered online at seattlecentral.bncollege.com. The Bookstore offers a wide array of rental and digital titles, as well as new and used textbooks. Rentals can save you up to 50 percent of the cost, and e-textbooks can be as much as 80 percent less than a new textbook. 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 and snacks. For hours of operation and current information, visit the website or facebook.com/seattlecentralbooks.

Campus Optical

(206) 934-5440
seattlecentral.edu/campus-optical

Campus Optical fills prescriptions, fits eyeglasses, and contacts as part of the college Optician program. Licensed optometrist appointments are available. The office is open to the public in BE 2123. Call for hours of operation.

Copy Center

(206) 934-5419
Online ordering: seattlecentral.edu/copycenter/index.php

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

Cosmetology Salon

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

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

Erickson Theatre

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

The Erickson Theatre is the home of the SCC Drama Department; teaching drama and technical theatre classes as well as being used for campus and community special events.

Food Services

(206) 934-4319

All are open to the public.

The **Atrium** cafeteria is open from 7:30 am to 6:00 pm Mondays–Thursdays and until 2:30 pm on Fridays. The Atrium features a variety of cafeteria-style food, including a breakfast menu, burgers, pizza, beverages, healthy salads, sandwiches, Grab 'n Go items and pre-packaged snacks.

The Buzz by the Broadway entrance offers a wide variety of espresso, coffee, and smoothies as well as pastries and other sweets created by the Culinary Arts students. It is open from 7:30 am to 6:00 pm Mondays–Thursdays and until 2:30 pm on Fridays.

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

During Fall, Winter, and Spring Quarters, students from the Culinary Arts program prepare and serve a variety of specialty meals in the **Square One Bistro** and **One World Dining Room**. Guests who dine at our student run restaurants give students the opportunity to acquire the necessary experience to be successful out in industry. These restaurants are open to the public Tuesday through Friday, from 11:15 am to 12:45 pm.

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

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

For current **menus**, visit: www.seattleculinary.com.

Reservations for restaurants: (206) 934-4330

Summer Quarter students prepare “small-plate” cuisine of sample salads, sandwiches, canapés, entrées, pâtés, international street food and tantalizing desserts including house made ice cream and gelato. Most of the ingredients are sourced from student-grown produce on Skagit Valley farm lands. The menu changes daily. The small plates buffet is open Tuesday through Thursday from 11:15 to 1:00 pm.

Restaurants close for several weeks during the year when students are in finals or on break. Check the website for current status and hours.

Public Safety

(206) 934-5442 Public Safety Department
BE 1108

Seattle Central College Public Safety Department is committed to providing a safe environment for the college community including students, staff, faculty and visitors. The department takes a community approach to campus security and safety prevention. It is important that everyone speaks up. If you see something suspicious, tell someone.

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

See page 42 for more information on personal safety.

Recreation & Fitness

Charles H. Mitchell Student Activity Center (MAC)

(206) 934-6315

seattlecentral.edu/wp/mac

7:00 am–8:00 pm, Mon–Fri; 10:00 am–4:00 pm, Sat and Sun

The Mitchell Activity Center offers a wide range of recreational and fitness activities. The facility includes a basketball gym, a running track, indoor squash and racquetball courts, a well-equipped game room, weight room, pool and ping-pong tables, cardiovascular workout equipment, as well as men’s and women’s saunas. Drop-in fitness classes, recreational tournaments, and events for students are also offered. Membership for faculty/staff and community members is also available.

Student Parent Support Program

907 E Pine St.
Seattle, WA 98122
(206) 934-3854

The Student Parent Support Program offers funding, parenting information and referral resources to student parents. Parents eligible for our quarterly, need-based, funding can receive financial assistance toward a portion of their child care costs. Through our resources, parents can learn how to access and choose quality child care. We support an on-campus parent club, with the purpose of providing an avenue for student-parents to network, support each other, and share information and tips. Our parent resource fairs and workshops are designed to celebrate and support our student-parents.

Student Leadership Division

Student Leadership

(206) 934-6924 SAC 350 (Above the bookstore)
seattlecentral.edu/student-leadership

Student Leadership supports student learning and success through leadership development and involvement opportunities on campus. Students can develop and practice organizational and leadership skills in a nurturing learning environment, enhancing personal, social, and professional development.

Associated Student Council (ASC)

(206) 934-4057 SAC 356

The ASC, the official student government of Central, is responsible for representing student interests to the college administration. ASC organizes a broad range of student committees, addresses issues and promotes services that support student interests. The ASC includes six student Executives, chosen each spring by a student vote, and six associates who work on specific projects.

College Activities Board

(206) 934-6335 SAC 355

The College Activities Board (CAB) enriches campus life through multicultural events and activities that celebrate diversity, involvement and collaboration, ranging from parties, dances and fairs to comedy shows and poetry nights to speakers on cutting edge social issues. CAB members learn all aspects of event planning.

Global Engagement Team (GET)

(206) 934-0971 MAC 314

The GET works to maximize interaction between local and international students, by coordinating the Conversation Partners language exchange program, assisting with orientation, and providing leadership opportunities that enhance the international student experience.

Organizations, Clubs, and Student Organization Resource Council (SORC)

(206) 934-4028 SAC 357

Clubs empower students to create community, explore learning outside the classroom, and put ideas into action. 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

Students serve the college and gain experience through participation on committees that address specific campus issues, mobilize energy toward organizing events and activities, or provide policy recommendations to the administration. Information is available at the Student Leadership Office.

Leadership Institute

Drop-in training sessions every Thursday at 2:00 pm in MAC 210 are open to all students. Facilitated by various Central staff and Seattle community members, sessions cover essential leadership topics such as time management, individual core values, and listening skills.

Tournaments & Games Team

(206) 934-6315 MAC 151

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

Website & Publications Team

(206) 934-0943 BE 4108

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

Affiliate Organizations

Phi Theta Kappa

(206) 934-2928

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

Student Development Transcript

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

Transportation & Parking

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

Alternative Transportation

Seattle Central encourages alternate forms of transportation like mass transit, biking, carpooling, and walking. Bike racks/lockers are available on campus. Central's main campus is well-served by Metro. Students registered for 10 or more credits are eligible to purchase a discounted ORCA transit pass issued by the college. The ORCA pass may be used to ride Sound Transit and Community, Everett, Kitsap, Metro, Pierce transit systems. For additional information, contact our office or visit our website.

Public Parking

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

The Seattle Central Foundation

(206) 934-5491

seattlecentral.edu/foundation

The Seattle Central Foundation supports students, faculty and programs by raising funds and providing resources to help students achieve their fullest potential through quality education. As the official gift-giving agency for the college, the Foundation awards hundreds of thousands of dollars in scholarships to over 200 recipients each year. Additionally, the Foundation supports college-wide tutoring services, faculty development, and other programs and activities not funded by state or federal funds.

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

The foundation staff and board of directors are committed to the idea of creating possibility through education, by giving students the opportunities and access they might not otherwise have. Central's foundation is a 501c3, non-profit organization.



Programs of Study at Central



Connect: Apply knowledge and skills to solve problems

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

Continue Learning: Self-evaluate and act to improve knowledge and skills

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

Associate of Arts Degree

Learning Outcomes

See page 5.

Associate of Science Degree

Learning Outcomes

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

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

General Education Definition and Rationale

See page 4.

General Education

Learning Outcomes

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

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

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

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

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

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

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

8 Directions for Your Education and Training

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

1

College Transfer

Academic Programs

(206) 934-5469

seattlecentral.edu/transfer-degrees

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

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

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

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

See pages 7-9 for more information on A.A. and A.S. degree requirements.

Associate of Arts Degree (A.A.)

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

Associate of Arts or Sciences: Special Emphasis Areas

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

Emphasis in Deaf Studies

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

Emphasis in Global Health

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

Emphasis in Global Studies

This emphasis can be completed within either the A.A. or A.S. transfer degrees and integrates the study of politics, economics and the arts with the analysis of cultural practices, beliefs and social systems. Students learn to appreciate and understand world cultures, focus on themes of global significance and develop an interdisciplinary approach to international issues.

Emphasis in Sustainable Agriculture

This innovative emphasis offers interdisciplinary courses and hands-on service-learning and internship opportunities in the emerging field of urban agriculture. The emphasis provides a foundation of knowledge and skills for students interested in pursuing related education at four-year institutions or entering the green workforce. For details, contact Central Advising Office or visit seattlecentral.edu/learn/sage.

Associate of Science Transfer (A.S.) Degree

The Associate of Science (A.S.) is designed to transfer to a four-year college or university in the state of Washington. A.S. degree requirements include satisfactory completion of at least 90 approved credits with a 2.0 cumulative GPA. At least 15 college level credits must be earned at the Seattle College awarding the degree.

Two different study options are offered:

1. biological sciences, environmental/resources sciences, chemistry, geology and earth sciences
2. engineering, computer science, physics and atmospheric science.

Please contact an advisor more information on this degree program.

Associate of Science (A.S.) Degree

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

A.S. degree requirements include satisfactory completion of at least 90 approved credits with a 2.0 cumulative GPA. At least 15 college level credits must be earned at the Seattle College awarding the degree.

Associate in Business (A.B.-DTA)

Direct Transfer Agreement

Students who complete the A.B. can fulfill many of the general education and business major prerequisites required for many Washington state public four-year college and university business programs.

Associate in Business Requirements

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

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

GENERAL EDUCATION REQUIREMENTS

Communication Skills

ENGL& 101	English Composition I	5
ENGL& 102	English Composition II.	5

Quantitative/Symbolic Reasoning Skills

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

Visual, Literary, and Performing Arts

Choose from a minimum of two different prefixes*		15
<i>* One U.S. Cultures class. See advisor for other electives.</i>		

Individuals, Cultures, and Societies

ECON& 201	Micro Economics	5
ECON& 202	Macro Economics	5
Non-ECON&	prefix course	5

The Natural World

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

BUSINESS REQUIREMENTS

ACCT& 201	Principles of Accounting I	5
ACCT& 202	Principles of Accounting II	5
ACCT& 203	Principles of Accounting III.	5
BUS& 201	Business Law.	5
General Electives*		5
TOTAL CREDITS		90

Engineering Pre-Majors

Science & Math Division
(206) 934-3858

The courses listed below generally meet requirements for the first and second years of study toward completion of a four-year engineering program, but may not constitute a complete two-year program leading to junior standing. Students who anticipate transferring to a specific school should consult with a counselor for assistance in course selection.

SUGGESTED COURSES

Chemistry: CHEM& 161, 162, 163 (some majors require only 8 credits)

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

English: ENGL 106; ENGL& 230

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

Physics: PHYS& 221, 222, 223

OTHER REQUIREMENTS

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

See pages 7-9, 58 for A.A. and A.S. degree requirements.

2 Professional & Technical Programs

See page 70 for details about Central's programs.

3 Bachelor's Degrees

Seattlecolleges.edu/bachelors

Seattle Central College offers two Bachelor of Applied Science degrees, one in Applied Behavioral Science, and the second in Allied Health Sciences, which has four tracks that can lead to the B.A.S. degree, depending on a student's background. B.A.S. degrees build on associate degrees that provide workplace skills in specific career areas. When compared to traditional bachelor's degrees, applied baccalaureate degrees incorporate more applied, hands-on learning with strong internship components.

Tuition rates are different for upper division courses. See the rate chart on page 19.

B.A.S. Allied Health

Allied Health Division
(206) 934-4347

Community Health and Education Track Bachelor of Applied Science in Allied Health

Developed for healthcare professionals with associate degrees, this program can be a great next step. This degree helps to provide a path for a medical assistant, dental assistant, pharmacy technician, dispensing optician, surgical technician, or other allied health professional to advance in his or her career and educational opportunities.

This bachelor degree track opens the door for you to work as a Health Educator or Community Health Professional in a variety of settings, including:

- Nonprofit health organizations
- Government agencies
- Hospitals
- Medical clinics
- Colleges

PREREQUISITES

An A.A.S.-T or A.A.S. degree in an allied health field, with at least a 2.5 overall GPA, is required to be accepted into this B.A.S. track. Allied health professionals with at least one (1) year of work experience in the healthcare field or a healthcare certificate or license are also eligible to apply with an A.A., A.S., A.B., B.A., or B.S. degree from a regionally-accredited college or university with at least a 2.5 overall GPA.

A certificate or license in an allied health field (active within the last 5 years) or at least one (1) year of relevant experience in healthcare (within the last five [5] years) is required to be accepted into this B.A.S. track.

Applicants must have completed ENGL& 101 with at least a 2.0 and be eligible for (or demonstrate completion of) MATH& 146 (or another approved statistics class) to be accepted into this B.A.S. track.

TECHNICAL SPECIALTY COURSES

The following courses must be completed with a grade of at least 2.0.

AHE	330	Information Literacy for Health Sciences	5
AHE	401	Principles of Research	5
CHED	300	Health Communication	5
CHED	301	Principles of Community Health	5
CHED	311	Social Determinants of Disease	5
CHED	312	Health Behavioral Change Theoretical Foundations	5
CHED	322	Program Planning and Evaluation	5
CHED	341	Community Health Needs Assessment and Improvement	5
CHED	479	Community Health and Education Capstone	5

TECHNICAL SPECIALTY CREDITS 45

RELATED INSTRUCTION

The following courses must be completed with a grade of at least 2.0.

ENGL& 101	English Composition	5
ENGL& 102	Composition II	5
HUM 105	Interculture Communication.	5
<i>Following can be substituted:</i>		
CMST 205	Multicultural Communication	5
MATH& 146	Introduction to Statistics	5
<i>Following can be substituted:</i>		
MATH 136	Inferential Statistics	5
-OR-		
PSYC 217	Intro to Probability & Statistics for Psychology.	5
-OR-		
BUS 210	Business & Economic Statistics	5
Lab Science	. . . . .	5
Taken from any BIOL or CHEM courses		
Humanities course	. . . . .	5
Natural Science course	. . . . .	5
Social Science course	. . . . .	10
Humanities, Social Science or Natural Science course.	. . . . .	15
Including Math or Computer Science course		

RELATED INSTRUCTION CREDITS 60

ELECTIVES

The following courses must all be at the 100-level or above and be completed with a grade of at least 2.0.

Total required elective credits (75) can be a combination of the following:

Allied Health credits (block if transferred	0-75
Associate degree block transfer credits (if applicable). . .	0-75
Other academic electives	0-75
Other upper-division AHE, HSM, or ABS classes	0-75
AHE 426 Leadership and Team Building/ Organizational Dynamics	5
CHED 310 Provider-Patient Communication.	5
CHED 321 Healthcare for Vulnerable Populations	5
CHED 356 Fundamentals of Health Promotion & Health Education	5
CHED 455 Health Policy Studies	5
ABS 310 Professionalism and Ethical Practice	5
CHED 304 Principles of Higher Education in Allied Health	5

ELECTIVE CREDITS 75

TOTAL PROGRAM CREDITS 180

The Community Health and Education B.A.S. degree track can help you meet the requirements to apply to UW School of Medicine's MEDEX Northwest Physicians Assistant training program. For more information, please email AlliedHealthB.A.S..Central@seattlecolleges.edu.

**Dental Hygiene Track
Bachelor of Applied Science in Allied Health**

Dental hygienists are an integral part of the dental team. They perform tasks including cleaning teeth, taking x-rays, administering local anesthetics, placing and contouring dental fillings, and educating patients about oral hygiene. *Note:* The educational environment contains multiple latex products and exposure to potential blood borne pathogens. Current infection control standards are taught in the program.

The Dental Hygiene track is approved by the American Dental Association Commission on Dental Accreditation. Upon graduation, students will qualify to take all national and regional examinations required to be licensed as a Registered Dental Hygienist (RDH) in Washington State. Graduates are eligible to take the Dental Hygiene National Board and all Western Regional Examining Board (WREB) components and apply for a license as a registered dental hygienist.

Students will earn a total of 195 credits during the full-time program, which includes working in the school's dental clinic.

PREREQUISITES

Prerequisite credits (65 total) are included in the total credits required for degree

BIOL& 241	Human Anatomy and Physiology 1	5
BIOL& 242	Human Anatomy and Physiology 2	5
BIOL& 260	Microbiology.	5
CHEM&121	Intro to Chemistry.	5
CHEM&122	Introduction to Organic Chemistry	5
ENGL& 101	English Composition	5
ENGL& 102	Composition II	5
HUM 105	Interculture Communication.	5
MATH 136	Inferential Statistics	5

Following can be substituted:

MATH&146	Introduction to Stats.	5
NTR 150	Human Nutrition	5
PSYC& 100	General Psychology.	5
SOC& 101	Introduction to Sociology.	5

Following can be substituted:

ANTH&206	Cultural Anthropology	5
Humanities Electives		5

TECHNICAL SPECIALTY COURSES

Upon completion of the courses listed below and prerequisites courses (95 credits total), Allied Health Associate of Applied Science - T Degree (A.A.S.-T) can be awarded.

AHE 128	Introduction to Healthcare Practice.	4
AHE 129	Introduction to Healthcare Applied Practice . .	1
DHY 250	Oral Biology	2
DHY 251	Human Pathophysiology	3
DHY 252	Fundamentals of Dental Hygiene I	3
DHY 253	Clinical Dental Hygiene I	3
DHY 254	Health Promotion	2
DHY 255	Dental Radiology I.	2
DHY 256	Dental Radiology I Practice	2
DHY 257	Head and Neck Anatomy	2

DHY	258	Dental Anatomy & Morphology (Didactic)	2
DHY	259	Dental Anatomy & Morphology (Lab)	1
DHY	260	Emergency Management	1
DHY	261	Preventive Dentistry	2

TECHNICAL SPECIALTY CREDITS	30
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TECHNICAL SPECIALTY COURSES

The following courses required for Bachelor of Applied Science Degree (B.A.S.)

AHE	401	Principles of Research	5
DHY	110	Head and Neck Anatomy	2
DHY	300	Clinical Dental Hygiene II	4
DHY	301	Clinical Dental Hygiene III	4
DHY	302	Clinical Dental Hygiene IV	8
DHY	303	Fundamentals of Dental Hygiene II	3
DHY	304	Fundamentals of Dental Hygiene III	2
DHY	305	Fundamentals of Dental Hygiene IV	2
DHY	306	Restorative Practice & Materials I (Didactic)	2
DHY	307	Restorative Practice & Materials I (Lab)	1
DHY	308	Restorative Practice & Materials Theory II	2
DHY	309	Restorative Practice & Materials II	1
DHY	311	Pain Control Anesthesia	2
DHY	312	Pain Control Anesthesia Practice	2
DHY	313	Periodontology I	3
DHY	314	Dental Radiology II	2
DHY	315	Dental Radiology II Practice	1
DHY	318	Oral Pathology	2
DHY	323	Pharmacology	3
DHY	391	Community Dental Health I	1
DHY	400	Advanced Practicum in Dental Hygiene I	8
DHY	401	Advanced Practicum in Dental Hygiene II	8
DHY	402	Advanced Practicum in Dental Hygiene III	8
DHY	405	Principles of Dental Hygiene Practice II	2
DHY	406	Principles of Dental Hygiene Practice III	1
DHY	407	Strategies of Capstone Project	1
DHY	408	Capstone	1
DHY	409	Ethics and Jurisprudence	2
DHY	410	Advanced Restorative Practice II	2
DHY	411	Advanced Restorative Practice III	2
DHY	412	Advanced Restorative Practice IV	2
DHY	413	Periodontology II	2
DHY	414	Selective Populations	1
DHY	415	Selective Populations Practice	1
DHY	416	Professional Issues	1
DHY	419	Community Dental Health II	2
DHY	420	Community Dental Health III	1

TECHNICAL SPECIALTY CREDITS	100
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TOTAL PROGRAM CREDITS	195
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Total required credits for B.A.S. degree (195 credits) includes prerequisite credits (65 credits total).

Allied Health A.A.S.-T degree awarded at completion of 95 credits (total includes prerequisite credits).

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

Healthcare Services Management Track Bachelor of Applied Science in Allied Health

Are you an experienced healthcare professional with an associate's degree interested in healthcare administration? Seattle Central's Bachelor of Applied Science (B.A.S.) in Allied Health — Healthcare Services Management program will help you develop the knowledge and skills needed to advance in this in-demand profession.

With this degree, you will be qualified for positions such as healthcare services manager and healthcare administrator. Additionally, this program will prepare you to play critical roles in planning, coordinating and supervising service delivery in a variety of healthcare settings, including:

- Hospitals
- Medical care facilities
- Nursing homes
- Healthcare organizations
- and other health facilities

PREREQUISITES

An A.A.S.-T or AAS degree in an allied health field, with at least a 2.5 overall GPA, is required to be accepted into this B.A.S. track. Allied health professionals with at least one (1) year of work experience in the healthcare field are also eligible to apply with an A.A., A.S., A.B., B.A., or B.S. degree from a regionally accredited college or university with at least a 2.5 overall GPA.

A minimum of one year of experience working in healthcare within the last five years is required to be accepted into this B.A.S. track.

Applicants must have completed ENGL& 101 with at least a 2.0 and be eligible for (or demonstrate completion of) MATH& 146 or MATH 136 to be accepted into this B.A.S. track.

TECHNICAL SPECIALTY COURSES

The following courses must be completed with a grade of at least 2.0.

ACCT	303	Accounting for Healthcare Management	5
AHE	301	Principles of Healthcare Delivery	5
AHE	330	Information Literacy for Health Sciences	5
AHE	401	Principles of Research	5
AHE	426	Leadership and Team Building/ Organizational Dynamics	5
HSM	322	Human Resources	5
HSM	325	Financial Management in Healthcare	5
HSM	451	Healthcare Outcomes and Quality Management	5
HSM	479	Healthcare Services Management Capstone	5
HSM	301	Principles of Healthcare Services Management	5

GENERAL EDUCATION

The following courses must be completed with a grade of at least 2.0.

ENGL& 101	English Composition	5
ENGL& 102	Composition II	5

HUM 105 Intercultural Communication	5
<i>Following can be substituted:</i>	
CMST 205 Multicultural Communication	5
MATH& 146 Introduction to Statistics	5
<i>Following can be substituted:</i>	
MATH 136 Inferential Statistics	5
-OR-	
PSYC 217 Intro to Probability & Statistics for Psychology.	5
-OR-	
BUS 210 Business & Economic Statistics	5
Lab Science	5
Taken from any BIOL or CHEM courses	
Humanities course	5
Natural Science course	5
Social Science course	10
Humanities, Social Science or Natural Science course.	15
Including Math or Computer Science course	
GENERAL EDUCATION CREDITS	60
ELECTIVES	
The following courses must all be at the 100-level or above and be completed with a grade of at least 2.0.	
Required elective credits (70) can be a combination of the following:	
Allied Health credits (block if transferred).	0-70
Associate degree block transfer credits (if applicable).	0-70
Other academic electives	0-70 credits
Other upper-division AHE, HSM, or ABS classes	0-70 credits
CHED 300 Health Communication	5
CHED 301 Principles of Community Health	5
CHED 304 Principles of Higher Education in Allied Health	5
HSM 412 Law and Ethics in Health Administration	5
HSM 417 Health Informatics	5
HSM 434 Strategic Planning and Marketing	5
HSM 445 Project Management	5
HSM 499 Special Topics	5
ELECTIVE CREDITS	70
TOTAL PROGRAM CREDITS	180

**Respiratory Care Track
Bachelor of Applied Science in Allied Health**

Respiratory Care is an allied health specialty in the treatment and management of patients with cardiopulmonary disorders. The seven-quarter program includes the study of the therapeutic use of medical gases, medications, aerosols, lung drainage, ventilatory support, cardiopulmonary resuscitation, airway management, respiratory disease management and diagnostic testing. Under the direction of the physician, the respiratory care practitioner works with other health professionals to deliver effective health care. The program offers an Associate of Applied Science (A.A.S.) degree and is fully accredited by the Committee on Accreditation for Respiratory Care.

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

Graduates are eligible for licensure as Respiratory Care Practitioners in Washington state, and are also eligible and prepared for the National Board Registered Therapist credentialing exams. The required 7 hours of HIV/AIDS education is included. New classes begin Fall Quarter only. For advanced placement consideration, contact the division office for specific requirements.

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

PREREQUISITES

Prerequisite credits (60 total) are included in the total credits required for degree

BIOL& 241 Human Anatomy and Physiology 1	5
CHEM&121 Intro to Chemistry.	5
CHEM&122 Introduction to Organic Chemistry	5
<i>Following can be substituted:</i>	
CHEM 131 Intro to Organic Chemistry and Biochemistry	5
ENGL& 101 English Composition	5
ENGL& 102 Composition II	5
HUM 105 Interculture Communication.	5
<i>Following can be substituted:</i>	
CMST 205 Multicultural Communication	5
MATH& 146 Introduction to Statistics	5
<i>Following can be substituted:</i>	
MATH 136 Inferential Statistics	5
PSYC& 100 General Psychology.	5
<i>Following can be substituted:</i>	
PSYC& 200 Lifespan Psychology	5
Social Science Elective	5
See Advising Center for approved courses.	
Humanities Electives	5
See Advising Center for approved courses.	

TECHNICAL SPECIALTY COURSES

Upon completion of the courses listed below and prerequisites courses (90 credits total), Allied Health Associate of Applied Science - T Degree (A.A.S.-T) can be awarded.

AHE 128 Introduction to Healthcare Practice.	4
AHE 129 Introduction to Healthcare Applied Practice	1
AHE 168 Medical Terminology	5
AHE 202 Respiratory Care Orientation	1
AHE 209 Introduction to Respiratory Care.	2
AHE 213 Respiratory Care Clinical Assessment	2
AHE 215 Basic Pharmacology	2
AHE 217 Cardiopulmonary Anatomy and Physiology.	5
AHE 218 Basic Therapeutic Approaches	4
AHE 219 Basic Therapeutic Approaches Equipment and Techn	1
BUS 100 Fundamentals of Supervision.	3
<i>Following can be substituted:</i>	
BUS 103 Personnel/Human Resource Management	5

TECHNICAL SPECIALTY CREDITS	30
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TECHNICAL SPECIALTY COURSES

The following courses required for Bachelor of Applied Science Degree (B.A.S.):

AHE	330	Information Literacy for Health Sciences	5
AHE	401	Principles of Research	5
CHED	304	Principles of Higher Education in Allied Health	5
RCP	320	Acute Care Clinical I	4
RCP	323	Pathophysiology for Respiratory Care	2
RCP	328	Advanced Therapeutic Approaches	4
RCP	329	Advanced Therapeutic Approaches Equip and Tech	1
RCP	330	Acute Care Clinical II	6
RCP	338	Fundamentals of Mechanical Ventilation	4
RCP	339	Mechanical Ventilation Equipment and Techniques	1
RCP	340	Adult Critical Care Clinical I	4
RCP	347	Cardiology for Respiratory Care	2
RCP	348	Advanced Mechanical Ventilation	2
RCP	349	Adv Mechanical Ventilation Equipment & Technique	1
RCP	450	Adult Critical Care Clinical II	6
RCP	451	Neonatal/Pediatric Pathophysiology	2
RCP	455	Advanced Pharmacology (Respiratory Care)	2
RCP	458	Neonatal/Pediatric Respiratory Care	4
RCP	459	Neonatal/Pediatric Equipment and Techniques	1
RCP	460	Neonatal/Pediatric Clinical	6
RCP	463	Advanced Pathophysiology for Respiratory Care	2
RCP	464	Pulmonary Rehabilitation and Home Care	2
RCP	467	Advanced Cardiopulmonary Physiology	2
RCP	468	Adv Cardiopulmonary Diagnostics	3
RCP	469	Diagnostic Equipment and Techniques	1
RCP	470	Adult Critical Care Clinical III	6
RCP	472	Advanced Practitioner Exam Review	1
RCP	476	Advanced Patient Assessment	3
RCP	479	Senior Capstone Project	4

TECHNICAL SPECIALTY CREDITS	90
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TOTAL PROGRAM CREDITS	180
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Total required credits for B.A.S. degree (180 credits) includes prerequisite credits (60 credits total).

(Allied Health A.A.S.-T degree awarded at completion of 90 credits - includes prerequisite credits)

Note: Eligibility for graduation requires a minimum 2.0 GPA in all technical specialty and related instruction courses, including prerequisite courses.

The Respiratory Care B.A.S. degree track can help you meet the requirements to apply to UW School of Medicine's MEDEX Northwest Physicians Assistant training program. For more information, email AlliedHealthB.A.S..Central@seattlecolleges.edu.

Applied Behavioral Science

Applied Behavioral Science Department
(206) 934-3101

The Bachelor degree in Applied Behavioral Science creates a continuing educational and professional pathway for students with the Associate of Applied Science degree. It is designed specifically for people in the human services professions such as:

- Social services
- Early childhood education/child welfare
- Chemical dependency counseling
- Family support services
- Public/community health
- Prevention and early intervention
- Interpreting/translation services

With the baccalaureate option, students are able to move from short-term certificates and related degrees to further foundational and specialized coursework, creating access to multiple high demand jobs within many areas of applied behavioral sciences.

Bachelor of Applied Science Degree (B.A.S.)**PREREQUISITES**

Meet a minimum GPA requirement of 2.5.

Have completed a two year degree (such as an A.A.S., A.A.S.-T, A.T.A., A.A.A.) in Social and Human Services, Child and Family Studies, Interpreter Training, or a related human services degree.

Be eligible for Math 098 (Intermediate Algebra).

TECHNICAL SPECIALTY COURSES

ABS	310	Professionalism and Ethical Practice	5
ABS	320	Applied Social Psychology	5
ABS	330	Information Literacy and Program Assessment.	5
ABS	340	Applied Environmental Science	5
ABS	350	Quantitative Principles in Research & Assessment.	5
ABS	360	Public Policy Analysis	5
ABS	410	Economic & Political Systems-Implications Public	5
ABS	415	Cross-Cultural Competency in Human Services	5
ABS	430	Sociology of Families	5
ABS	495	Senior Capstone Project	5
ABS	497	Advanced Field Placement I	5
ABS	498	Advanced Field Placement II	5

TECHNICAL SPECIALTY CREDITS	60
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GENERAL EDUCATION

Minimum GPA requirement of 2.0.

CMST& 101	Introduction to Communication5
ENGL& 101	English Composition . . . . .	.5
ENGL& 102	Composition II . . . . .	.5
PSYC& 100	General Psychology. . . . .	.5
SOC& 101	Introduction to Sociology. . . . .	.5
Lab Science	. . . . .	.5
Humanities & Arts course	. . . . .	.5
<i>Following can be substituted: Social Science course</i>		.5
College Level MATH course (e.g, MATH& 107, MATH 136)	. . . . .	.5

GENERAL ELECTION CREDITS 30

HUMAN SERVICES CORE

Minimum GPA requirement of 2.0
Choose required 30 credits from one of the three options below:

**HUMAN SERVICES CORE - OPTION 1:
SOCIAL/HUMAN SERVICES**

SHS 100	Introduction to Human Services . . . . .	.5
SHS 103	Social Welfare Policy . . . . .	.5
SHS 106	Principles of Interviewing and Counseling . . . . .	.5
SHS 108	Group Dynamics & Counseling. . . . .	.5
SHS 197	Field Placement: Social and Human Services .	.3
SHS 198	Field Placement: Social and Human Services .	.5
SHS 199	Field Placement: Social and Human Services .	.5

OPTION 1 CREDITS 30

**HUMAN SERVICES CORE - OPTION 2:
EARLY CHILDHOOD/FAMILY STUDIES**

CFS 263	Working with Children w/Disabilities . . . . .	.3
ECED& 105	Intro to Early Childhood Ed. . . . .	.5
ECED& 107	Health, Safety, Nutrition. . . . .	.5
EDUC& 115	Child Development . . . . .	.5
EDUC& 150	Child, Family, Community . . . . .	.3
ECED& 160	Curriculum Development . . . . .	.5
ECED& 180	Language Lit Dev	

-OR-

CFS 215	Math and Science for Young Children . . . . .	.3
ECED& 120	Practicum . . . . .	.2

OPTION 2 CREDITS 31

**HUMAN SERVICES CORE - OPTION 3:
INTERPRETING/TRANSLATION**

Ethics	5	
Cultural Studies (e.g. ASL 125 or ANTH& 206)	. . . . .	.5
World Language (e.g. ASL, Spanish, Arabic, Japanese)	. . . . .	.10
Field Placement. . . . .		.10

Following can be substituted:

350 hours of documented translation/
interpreting experience

OPTION 3 CREDITS 30

HUMAN SERVICES CORE - OPTION 4: SOCIAL SCIENCE

Eligible courses included would be in subjects such as: Sociology, Psychology, Economics, Political Science, Anthropology, etc that are related to the field of Applied Behavioral Science. Must meet with Melissa Martinez to determine course eligibility

ELECTIVES

An additional 50 credits of electives is required. These credits will be a combination of courses from the A.A.S. degree, additional courses taken during the A.B.S. degree program including the following A.B.S. elective course options below:

ABS 335	Human Services Practice. . . . .	.5
ABS 420	Multicultural and Artistic Expression. . . . .	.5
ELECTIVE CREDITS		50
TOTAL PROGRAM CREDITS		180

Information Technology: Networking

**Information Technology Programs
(206) 934-3150**

The B.A.S. in IT Networking (B.A.S.-ITN) will help students prepare for network related jobs in IT, including computer and network administrators and network systems and security analysts.

The degree will help meet the growing regional demand for employees in advanced certifications or skills, including: Cisco Certified Network Professionals (CCNP); industry certifications in Microsoft SQL and SharePoint; supplemental skills in PERL; and fluency in advanced programming languages, mobile application security, and cloud-based hybrid environments. Along with these specific skills and certifications, general education in the curriculum will prepare graduates by developing the ability to communicate and build working relationships, solve problems, and plan and structure tasks while allocating time and resources effectively.

**Bachelor of Applied Science Degree (B.A.S.)
Associate of Applied Science - T Degree (A.A.S.-T)
in Networking (98 credits)**

PREREQUISITES

Full-time applicants to the B.A.S.-ITN Program must possess a minimum of an A.A.S.-T degree in Networking from any one of the many options at regional two-year institutions, or from other regionally accredited institutions. Additionally, applicants must have a cumulative grade point average (GPA) of at least 2.0, and a 2.5 or higher GPA in Networking related coursework.

Prior to acceptance into the B.A.S.-ITN, applicants will have completed the following coursework:

Networking Introduction (e.g. NET 120)	. . . . .	.5
Cisco I, II, III (CCNA) (e.g. NET 142, NET 144, NET 146)	. . . . .	.15
UNIX and Security (e.g. ITC 136, ITC 151)	. . . . .	.15

General Education*30
 English (e.g. ENGL& 101 and ENGL& 102).10
 Visual, Literary and Performing Arts [VLP] (e.g. HUM 105) . . .5
 Quantitative/Symbolic Reasoning [Q/SR] (e.g. MATH& 146) .5
 Individual, Cultures and Societies [ICS] (e.g. PSYC& 100) . . .5
 Natural World [NW] (e.g. CSC courses)5

*A total of 60 will be required for the B.A.S. degree. It is suggested that 30 credits be earned prior to B.A.S. enrollment

TECHNICAL SPECIALTY COURSES

The following short-term certificates (15 credits each) can be awarded upon completion of the courses noted.

Linux (NTI 300, NTI 310, and NTI 320)
 Cisco Certified Network Professional [CCNP] (NTI 340, NTI 350, and NTI 360)
 Cloud Specialist (NTI 430, NTI 440, and NTI 470)

NTI	300	Linux and Enterprise Scripting Technologies . . .5
NTI	310	Linux Applications.5
NTI	320	Optimizing and Monitoring of Enterprise Networks5
NTI	340	Enterprise Routing - CCNP 1.5
NTI	350	CCNP II – Enterprise Switching5
NTI	360	CCNP III – Enterprise Troubleshooting5
NTI	400	Information Security for the Enterprise5
NTI	410	Network Security for the Enterprise5
NTI	430	Secure Content Management5
NIT	440	Devices and Services Cloud Environment5
NTI	460	Practicum5
NTI	470	Capstone.5

GENERAL EDUCATION

SOC	330	Information Literacy in IT5
CSC	110	Introduction to Computer Programming5
<i>Following can be substituted: higher CSC course5</i>		
ECON&	201	Micro Economics5
<i>Following can be substituted:</i>		
ECON&	202	Macro Economics5
PHIL&	106	Introduction to Logic5
POLS&	203	International Relations5
Lab Science		. . . . .5

GENERAL EDUCATION CREDITS		30
TOTAL PROGRAM CREDITS		180



4

Continuing Education

(206) 934-5448
learnatcentral.org

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

Schedule: Continuing Education courses are listed in printed quarterly course catalogs and online at www.learnatcentral.org.

Community Education Classes

(206) 934-5448
learnatcentral.org

Continuing Education classes are focused on lifelong learning needs for personal enrichment. 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.

Professional Education Classes and Certificates

(206) 934-5448
learnatcentral.org

Continuing Education offers a number of short-term certificate programs to help upgrade skills or prepare people for a career change. Certificates are offered in AutoCAD, Data Analysis, Fundamentals of Distilling, Medical Marijuana Consultant, Nutritional Therapy, and TESOL. Visit the website for a complete list.

Corporate & Customized Contract Training

(206) 934-5448
learnatcentral.org

Business and industry can select from a range of management and employee training programs and development services through corporate and customized contract training offered by all of the colleges. Courses may be held at the employer's site or at the Seattle Colleges.

Cooperative Education & Service-Learning

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

(206) 934-6998

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.

WORK EXPERIENCE/COOPERATIVE EDUCATION COURSES

AHE	197	Work Experience-Allied Health	5
		Credit range: 1-5; Total required credits: 2-5	
AHE	198	Work Experience-Allied Health	5
		Credit range: 1-5; Total required credits: 2-5	
AHE	199	Work Experience-Allied Health	5
		Credit range: 1 - 5; Total required credits: 2-5	
BIOL	197	Work Experience-Biology	5
		Credit range: 1-5; Total required credits: 3-5	
BUS	197	Work Experience-Business Occupations	5
		Credit range: 1-15; Total required credits: 2-15	
CHEM	197	COOP Work Exp	5
		Credit range: 1-5; Total required credits: 2-5	
CIS	197	Work Experience-Computer Information Systems	5
		Credit range: 1-5; Total required credits: 2-5	
CMS	197	Community Service	3
		Credit range: 1-3; Total required credits: 2-3	
CMS	198	Community Service	3
		Credit range: 1-3; Total required credits: 2-3	
CMS	199	Community Service	3
		Credit range: 1-3; Total required credits: 2-3	
COM	197	Work Experience: Film and Video	5
		Credit range: 1-5; Total required credits: 2-5	
CWE	197	Work Experience-Cooperative Education	5
		Credit range: 1-15; Total required credits: 2-15	
CWE	198	Work Experience-Cooperative Education	5
		Credit range: 1-15; Total required credits: 2-15	
CWE	199	Work Experience-Cooperative Education	5
		Credit range: 1-15; Total required credits: 2-15	
DES	197	Work Experience-Graphic Design	3
		Credit range: 1-5; Total required credits: 2-5	
EDUC	197	Work Experience-Education	5
		Credit range: 1-5; Total required credits: 2-5	
EDUC	198	Work Experience-Education	5
		Credit range: 1-5; Total required credits: 2-5	
EDUC	199	Work Experience-Education	5
		Credit range: 1-5; Total required credits: 2-5	

HDC	197	Leadership Practice and Application	3
		Credit range: 1-3; Total required credits: 2-3	
HOS	197	Work Experience-Food and Hospitality	5
		Credit range: 1-15; Total required credits: 2-15	
HUM	197	Work Experience-Humanities	5
		Credit range: 1-15; Total required credits: 2-15	
ITL	197	International Cooperative Education	5
ITL	198	International Cooperative Education	5
OPH	197	Work Exp	5
		Credit range: 1-5; Total required credits: 2-5	
OPH	198	Ophthalmic Dispensing	5
		Credit range: 1-5; Total required credits: 2-5	
OPH	199	Ophthalmic Dispensing	5
		Credit range: 1-5; Total required credits: 2-5	
PHO	197	Work Experience-Photography	5
		Credit range: 1-5; Total required credits: 2-5	
RCP	196	Work Experience: Respiratory Care	5
		Credit range: 1-5; Total required credits: 2-5	
RCP	197	Work Experience: Respiratory Care	5
		Credit range: 1-5; Total required credits: 2-5	
RCP	198	Work Experience: Respiratory Care	5
		Credit range: 1-5; Total required credits: 2-5	
RCP	199	Work Experience: Respiratory Care	5
		Credit range: 1-5; Total required credits: 2-5	
SAL	197	Work Experience-Sales and Marketing	5
		Credit range: 1-15; Total required credits: 2-15	
SCI	197	Work Experience-Science	5
		Credit range: 1-15; Total required credits: 2-15	
SHS	197	Field Placement: Social and Human Services	3
		Credit range: 1-5; Total required credits: 2-5	
SSC	197	Work Experience-Social Science	5
		Credit range: 1-15; Total required credits: 2-15	
WCO	197	Work Experience: Wood Construction	15
		Credit range: 1-15; Total required credits: 2-15	

Service-Learning

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

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

Travel/Study Courses

(206) 934-6998

seattlecentral.edu/coop/travel_courses.php

Seattle Central provides students (resident and non-resident) with an opportunity to earn credit for various international travel/study experiences. Students can earn credit for language enhancement, research, or work/ internship/ volunteer activities. The website lists possible credit courses. Students are charged a per-course fee.

Basic & Transitional Studies Division
(206) 934-4180
seattlecentral.edu/basic

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

5

Bridge to College/ Pre-College

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
- HS21+
- High School Completion

Bridge to College Programs

Developmental Education

English, Mathematics and Human Development Courses

Many students entering college or returning after some time away from studies need additional work to prepare for college-level courses. For these students, the Seattle Colleges offer a series of courses in English, mathematics and human development. Placement in one or more of these courses is determined by performance on placement tests required for admission to the specific college program or courses. Courses in this category are those numbered below 100. They are described in the course description sections for English (ENGL), mathematics (MATH) and human development (HDC). For more information contact the Basic & Transitional Studies division counselor at (206) 934-4180.

English as a Second Language

Transitional ESL

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

For information on more basic ESL classes (levels 1-5), see page 23.

NOTE: International Students should take ESL classes through International Programs, page 27.

Concurrent High School/ College Programs

Running Start

(206) 934-3820
seattlecentral.edu/runstart

Eligible junior and senior high school students can earn high school and college credit simultaneously by taking courses at Seattle Central at reduced or free tuition.

See page 22 for more information.

Pre-College Programs

Adult Basic Education

seattlecentral.edu/basic/abe

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

English as a Second Language (ESL)

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

GED® Preparation

Adults may demonstrate they have reached an education level equal to a high school diploma by taking the General Educational Development (GED) test. GED preparation helps students improve their reading, writing and math skills before taking the test. The course also covers the science and social studies skills, stresses math for practical problem-solving, English usage, reading comprehension and test-taking skills.

Ability to read at or above eighth grade level or completion of ABE Level 3 is required for students. Students who pass the test earn a GED certificate, which is accepted by colleges, workforce training programs, unions, and many employers as equivalent to a high school diploma. See course descriptions under GED. Tuition is \$25 per quarter (subject to change).

See page 24 for more information.

High School 21+

HS21+ is an alternative competency-based diploma for adults age 21 or older to earn the Washington state high school diploma. This program is offered at Washington's community and technical colleges. Each college has designed their own program; the requirements and pathways are not standardized across the colleges.

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).

How do I know if HS21+ at Seattle Central is for me?

- You prefer to earn a diploma versus taking the GED test.
- You are probably only missing a few credits. If you're missing many credits, this may not be a good option.
- You are 21 or older.
- You are comfortable taking a combination of basic skills classes and college-level courses.

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 working toward a high school diploma should obtain a copy of "Requirements for the High School Diploma" brochure from the Admissions Office for complete information.

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

6

eLearning/ Distance Education

(206) 934-4060

seattlecentral.edu/distance/

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

See page 25 for information on elearning/distance education options.

7

International Programs

Institute of English

(206) 934-3893

intl.seattlecentral.edu/institute-of-english

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

See page 27 for further information.

Travel/Study Abroad

(206) 934-6966

seattlecolleges.edu/international/studyabroad.aspx

8

Worker Retraining Program

(206) 934-3854

seattlecentral.edu/worker-retraining/

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

- Is unemployed and is collecting Washington State Unemployment Benefits
- Has exhausted unemployment benefits in the past four years
- Has been working in the home, experiences a significant loss of income and needs to re-enter the workforce
- Has received a WARN letter
- Has closed a business due to economic downturn
- Is working in a not-in-demand job (along with other criteria)
- Has lost a job because of a disaster
- Separated from the military with an honorable discharge within the last 48 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 48 months

WORKER RETRAINING BENEFITS INCLUDE:

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

See page 29 for additional information.



Professional/Technical Programs

Seattle Central College offers degrees and certificates in more than 30 workforce education areas, including several Bachelor of Applied Science degrees. See page 18. These programs, which vary in length from one to seven quarters, are designed to prepare students for careers and/or to expand skills in their career area. Several professional/technical programs offer short-term training certificates; students may build skills and add certifications over time to progress in their fields. Contact the program office for information. Seattle Central College is accredited by the Northwest Commission on Colleges and Universities.

CENTRAL

70

Professional/Technical Programs

Allied Health

Allied Health / Business / Languages & Cultures Division
(206) 934-4347

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

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

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

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

TECHNICAL SPECIALTY COURSES

BIOL	128	Survey of Human Anatomy & Physiology	5
<i>Following can be substituted:</i>			
BIOL&	241	Human Anatomy & Physiology 1	5
-AND-			
BIOL&	242	Human Anatomy & Physiology 2	5
ENGL&	101	English Composition	5
HUM	105	Interculture Communication	5
<i>Following can be substituted:</i>			
CMST	205	Multicultural Communication	5
MATH&	107	Math in Society	5
<i>Following can be substituted:</i>			
MATH	136	Inferential Statistics	5
-OR-			
MATH&	146	Introduction to Stats	5
General Education/Foundation Science			40
Up to 40 additional credits from the General Educational list. See Advising Center for list of approved courses.			

ALLIED HEALTH COURSES

Total of 30 credits required from either:

- Allied Health Certificate (up to 30 credits transferable)
See Advising Center for list of approved programs.

-AND/OR-

- Choose from the options below. Maximum of 11 credits in BUS courses.

AHE	126	Essential Skills in Healthcare	2
AHE	152	Health Care Provider CPR	1
AHE	168	Medical Terminology	5
BUS	100	Fundamentals of Supervision	3
BUS&	101	Introduction to Business	5
BUS	103	Personnel/Human Resource Management	3
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
HEA	125	Health and Wellness	5
HEA	150	Health and Human Sexuality	5
HEA	160	Human Wellness and Fitness	5
HEA	225	Global Health	5
HEA	226	Advanced Global Health Seminar	2

TOTAL PROGRAM CREDITS 90

Care Navigation and Coordination Short-Term Certificate

The Care Navigation and Coordination program is designed to prepare students to assist clients and patients in navigating the social services and healthcare systems, and to be strong members of teams providing coordinated, client and patient-centered care. Students will learn about factors affecting patients such as chronic disease, behavioral health, wellness and patient activation and engagement as well as communication strategies such as patient/client coaching, motivational interviewing, and health literacy.

TECHNICAL SPECIALTY COURSES

SHS	121	Introduction to Care Navigation	5
SHS	123	Advanced Care Coordination and Navigation . . .	5
SHS	122	Care Navigation: Systems of Care	5
TOTAL PROGRAM CREDITS			15

Central Supply Processing Short-Term Certificate

This certification, qualifies you to become a certified Central Supply & Instrument Technician. Medical staff depend on these technicians to provide them with the correct tools in order to administer the highest levels of patient care. They work in hospitals and clinics, sterilizing and packaging surgical instruments and maintaining supply inventories.

PREREQUISITE

Permission

TECHNICAL SPECIALTY COURSES

AHE	126	Essential Skills in Healthcare.	2
AHE	140	Central Supply/Instrument Technician	10
TOTAL PROGRAM CREDITS			12

Dental Auxiliary (Expanded Function) Short-Term Certificate

The Expanded Function Dental Auxiliary (EFDA) are used primarily in Community Health Clinics to increase the delivery of restorations, allowing dentists to increase their productivity in delivering these services to the community. Currently, registered dental hygiene practitioners are licensed to perform these restorative duties; however, they are underutilized in this capacity because traditional periodontal care is in high demand. Only about 30% of registered dental hygienists are performing restorative functions.

TECHNICAL SPECIALTY COURSES

EFDA	100	Procedures I.	1
EFDA	101	Restorative Lab I	3
EFDA	110	Dental Coronal Anatomy	2
EFDA	111	Dental Materials and Technique	2
EFDA	200	Procedures II	1
EFDA	201	Restorative Clinic II.	4
EFDA	202	WRED Preparation	1
EFDA	212	Ethics and Jurisprudence	1
TOTAL PROGRAM CREDITS			15

Apparel Design & Development

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

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

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

PREREQUISITES

APPRL	096	AD&D Skill Development 1	2
APPRL	098	AD&D Skill Development 2	2
APPRL	100	AD&D Skill Development 3	2

TECHNICAL SPECIALTY COURSES

APPRL	101	Construction 1 - Professional Techniques	4
APPRL	102	Construction 2 - Professional Techniques	4
APPRL	103	Construction 3 - Professional Techniques	4
APPRL	111	Patternmaking 1 - Flat Pattern and Drafting	4
APPRL	112	Patternmaking 2 - Draping	4
APPRL	113	Patternmaking 3 - Design by Flat Patternmaking	4
APPRL	114	Patternmaking 4 - Pattern Alteration for Fit	2
APPRL	130	Apparel Manufacturing	2
APPRL	131	Business Practices in Fashion	3
APPRL	141	Design 1 - Principles of Design.	2
APPRL	142	Design 2 - Fabric Science and Textiles.	2
APPRL	143	Design 3 - Color and Palettes.	2
APPRL	151	Computer Applications for Apparel Design 1	3
APPRL	152	Computer Applications for Apparel Design 2	3
APPRL	197	Work Experience in Apparel Design.	5
			Credit range: 1-8 (5 required)
			Class meets 'Related Instruction' requirement.
APPRL	201	Ready-To-Wear Construction.	4
APPRL	202	Active Sportswear Construction	4
APPRL	211	Pattern Design for Ready-To-Wear.	4
APPRL	212	Pattern Design for Active Sportswear	4
APPRL	221	Pattern Grading	4
APPRL	222	Computerized Pattern Grading	4
APPRL	230	Portfolio and Resume Development	4
			Class meets 'Related Instruction' requirement.
APPRL	241	Design 4 - Print and Pattern	4
APPRL	242	Design 5 - Line Design.	4
APPRL	260	Fashion History	3
APPRL	270	Final Line Design and Development	8
			Credit range: 1-5
			Class meets 'Related Instruction' requirement.
			Credit range: 1-5
TOTAL PROGRAM CREDITS			95

RELATED INSTRUCTION

APPRL	298	Apparel Design Special Topics	5
			Credit range: 1-5

Business

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

Entrepreneurship Short-Term Certificate

The Entrepreneurship Certificate targets students who are interested in applying the ideas and fundamentals (skill sets) of successful entrepreneurs to a variety of organization structures. These include starting a new business, working for an early stage start-up, or implementing a new initiative in an existing organization (e.g. corporate, government, non-profit).

TECHNICAL SPECIALTY COURSES

BUS 122	the Entrepreneur Toolkit	3
BUS 129	Small Business Accounting	5
BUS 134	Small Business Start-Up	3
BUS 155	Small Business Marketing	3
BUS 185	Small Business Management	5
TOTAL PROGRAM CREDITS		19

Small Business Accounting Short-Term Certificate

The Small Business Accounting Certificate emphasizes practical accounting and bookkeeping skills that will prepare the student for entry level positions related to small business accounting and to support the accounting needs of the small business entrepreneur. The completion of the three course series will also prepare students for the Certified Bookkeeper exam.

PROGRAM CERTIFICATE OUTCOMES:

- Apply industry standard accounting cycle and budgets
- Prepare financial statements with knowledge of commercial accounting software
- Implement internal procedures and accurate records to address rules and regulations related to taxes, audits, regulatory laws

TECHNICAL SPECIALTY COURSES

BTM 231	Applied Accounting I	5
BTM 232	Applied Accounting II	5
BTM 233	Applied Accounting III	5
TOTAL PROGRAM CREDITS		15

Business Technology Management

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

The Business Technology Management (formerly 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.

Certificate

PREREQUISITES

MATH 081, ENGL 096 or test out may substituted for prerequisite courses listed. Students who enroll in all 11 credits, will be advised to take a specific HDC course to support learning.

BTM 098	Computing Essentials	3
BTM 108	Applied Business Math I	3
BTM 109	Business Communications I	5

TECHNICAL SPECIALTY COURSES

All courses require BTM 098 or test out.

BTM 100	Orientation and Career Exploration	2
BTM 111	Business Applications I	5
BTM 112	Business Applications II	5
BTM 113	Business Applications III	5
BTM 118	Applied Business Math II	5
<i>Following can be substituted: BTM 108, MATH 081 or test out</i>		
BTM 119	Business Communications II	5
<i>Following can be substituted: BTM 109, ENGL 096 or test out</i>		
BTM 197	Work Experience: Business Technology Management	5
BTM 120	Customer Relations Management	5
BTM 122	Professional Development	5

TECHNICAL SPECIALTY CREDITS 37-40

RELATED INSTRUCTION

BTM 197	Work Experience: Business Technology Management	5
Internship is Optional. Total 3-5 credits required.		
Elective	. . . . .	20
Based on chosen track, students will either take an additional 15-20 credits of electives within the BTM Program or take 10-15 credits within the BTM Program and 5 unrestricted elective credits.		

TOTAL PROGRAM CREDITS AT LEAST 90

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

PREREQUISITES

MATH 081, ENGL 096 or test out may substitute for prerequisite courses listed. Students who enroll in all 11 credits, will be advised to take a specific HDC course to support learning.

BTM 098	Computing Essentials	3
BTM 108	Applied Business Math I	3
BTM 109	Business Communications I	5

TECHNICAL SPECIALTY COURSES

All courses require BTM 098 or test out.

BTM 100	Orientation and Career Exploration	2
BTM 111	Business Applications I	5
BTM 112	Business Applications II	5
BTM 113	Business Applications III	5
BTM 118	Applied Business Math II	5

Following can be substituted: BTM 108, MATH 081 or test out

BTM	119	Business Communications II	5
BTM	120	Customer Relations Management	5
<i>Following can be substituted: BTM 109, ENGL 096 or test out</i>			
BTM	122	Professional Development.	5

RELATED INSTRUCTION

BTM	197	Work Experience: Buiness Technology Management	5
Internship is Optional			
Total Required Credits: 3-5			

Elective 20

Based on chosen track, students will take an addi-tional 15-20 credits of electives within the BTM Program or take 10-15 credits within the BTM Program and 5 unrestricted elective credits. Total credits must equal 90 or more to earn the A.A.S. degree.

Business Technology Management Tracks

Choose from two of the following tracks that range from 15-25 credits each.

BUSINESS PROCESS MANAGEMENT TRACK

BTM	260	Project Management.	5
BTM	265	Operations Management.	5
BTM	268	Content Management - SharePoint	5

BUSINESS PROCESS MGT TRACK CREDITS 15

BUSINESS ANALYSIS MANAGEMENT TRACK

BTM	240	Applied Database Design	5
BTM	245	Business Analysis Planning	5
BTM	248	Data Analysis - Advanced Excel	5

BUSINESS ANALYSIS MGT TRACK CREDITS 15

APPLIED ACCOUNTING TRACK

BTM	231	Applied Accounting I	5
BTM	232	Applied Accounting II.	5
BTM	233	Applied Accounting III	5
BTM	234	Bookkeeping Test Prep	1

Students may choose to enroll in a test prep course and/or take the certification exam.

APPLIED ACCOUNTING TRACK CREDITS 15-16

USER SUPPORT TRACK

BTM	240	Applied Database Design	5
Class required for this track.			
BTM	275	Computer Support	4
ITC	134	Computer Operating Systems	5
ITC	140	Introduction to Computer Hardware	5
NET	120	Network Essentials - Comptia Network +.	5

USER SUPPORT TRACK CREDITS 25

OFFICE MANAGEMENT TRACK

BTM	236	Leadership and Supervision	5
BTM	237	Human Resource Management	3
BTM	250	RIM Management.	5
BTM	278	Organizational Behavior.	5

OFFICE MANAGEMENT TRACK CREDITS 20

ENTREPRENEURSHIP TRACK

BTM	225	Marketing Fundamentals.	5
BTM	226	Small Business Startup.	3
BTM	227	Entrepreneurship Toolkit	3
BTM	228	Small Business Management	5
BTM	231	Applied Accounting I	5

Class required for this track.
Students are strongly encouraged to take BTM 232 and BTM 233 as elective courses.

ENTREPRENEURSHIP TRACK CREDITS 21

ACCOUNTING ASSISTANT TRACK

ACCT&	202	Principles of Accounting II	5
ACCT&	203	Principles of Accounting III.	5
BTM	231	Applied Accounting I	5

Class required for this track.
Students are strongly encouraged to take BTM 232 and BTM 233 as elective course.

BUS&	201	Business Law.	5
BUS	210	Business and Economic Statistics	5

ACCOUNTING ASSISTANT TRACK CREDITS 25

TOTAL PROGRAM CREDITS 90-107

Cisco Certified Network Professional (CCNP) Short-Term Certificate

Students work through the Cisco CCNP curriculum to earn a college certificate and be Cisco certification ready. Applying Cisco coursework to industry, this certificate validates the ability to plan, implement, and verify local and wide-area enterprise networks. This foundational CCNP curriculum prepares administrators for additional variants that support advanced troubleshooting, provisioning for the cloud, advanced security, and voice, wireless and video solutions. The CCNP Routing and Switching certification is appropriate for those with a CCNA and/or a year of networking experience.

PROGRAM CERTIFICATE OUTCOMES:

- Plan and manage multiple projects, both individually and as a team member
- Explain and implement network industry standards such as: the OSI model; Routing protocols, Address Resolution, and Reverse Address Resolution Protocols; IP Addresses and Sub netting; and MAC addressing
- Apply industry standard techniques for troubleshooting, collecting, analyzing, and optimizing data within an enterprise network infrastructure.

TECHNICAL SPECIALTY COURSES

NTI	350	Enterprise Switching - CCNP 2	5
NTI	360	Enterprise Troubleshooting - CCNP 3.	5
NTI	340	Enterprise Routing - CCNP 1.	5

TOTAL PROGRAM CREDITS 15

Chemical Dependency Specialist

Social & Human Services / Child & Family Studies
(206) 934-6900

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

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

Certificate

PREREQUISITES

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

Eligibility for the following:

ENGL& 101	English Composition	5
MATH 084	Algebra I	5

CORE COURSES

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

TECHNICAL SPECIALTY COURSES

SHS 150	HIV/AIDS Brief Risk Intervention**	1
SHS 210	Intro to Diversity in Human Services Practice**	3
SHS 215	Adolescent Development and Treatment**	5
	SHS 210 and SHS 215 can be taken as a SHS 296 workshop.	
SHS 231	Pharmacology of Addictions**	5
SHS 232	Chemical Dependency and the Family**	3
SHS 233	Chemical Dependency Counseling**	5
SHS 235	Introduction to Chemical Dependency**	5
SHS 270	Ethics in Human Services and Chemical Dependency**	5
SHS 280	Chemical Dependency Case Management**	3
SHS 296	Special Topics	1
	1-3 Human Services Workshop credits required. SHS 210 and SHS 215 can be taken as a SHS 296 workshop.	

**Course meets current minimum state requirements for registration as Chemical Dependency Counselors with the Department of Health.

FIELD PLACEMENT COURSES

CDS 197	Field Practicum: Chemical Dependency.	3
CDS 198	Field Practicum: Chemical Dependency.	3
CDS 199	Field Practicum: Chemical Dependency.	4

GENERAL EDUCATION COURSES

ENGL& 101	English Composition	5
PSYC& 100	General Psychology.	5
PSYC& 200	Lifespan Psychology	5

Following can be substituted:

PSYC 207	Developmental Psychology [Adolescent]	5
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TOTAL PROGRAM CREDITS 67-69

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

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.

Commercial Photography

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

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

At this time the program is under revision. Please contact the division office for current information.

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

TECHNICAL SPECIALTY COURSES

PHO 111	Digital Capture Techniques	3.5
PHO 112	Lighting Techniques I.	3.5
PHO 113	Audio Production I.	3.5
PHO 121	Digital Imaging I	3.5
PHO 122	Lighting Techniques II	3.5
PHO 123	Video Production I.	3.5
PHO 131	Digital Imaging II.	3.5
PHO 132	Location Techniques	3.5
PHO 133	Video Production II	3.5
PHO 141	Survey of Photography.	3
PHO 142	Digital Imaging	4
PHO 143	Digital Media Production	3
PHO 197	Work Experience-Photography	5

Credit range: 1-5

Total required credits for PHO 197: 1

PHO 214	Catalogue Production	4
PHO 215	Advertising Production	4
PHO 224	Communication Production	4

PHO 225	Conceptual Development	3
PHO 234	Professional Business Practices I	3
PHO 235	Professional Business Practices II	3
PHO 244	Visual Narrative	3
PHO 245	New Media	3
PHO 254	Portfolio I	4
PHO 255	Portfolio II	4
PHO 256	Portfolio III	4
PHO 266	New Media Workshop	3
PHO 276	Portfolio Workshop	3
PHO 286	Special Projects	3

RELATED INSTRUCTION

NME 110	New Media I	6
NME 120	New Media II	6
NME 130	New Media III	6

TOTAL PROGRAM CREDITS	103
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CULINARY ARTS

Seattle Culinary Academy
Hospitality & Culinary Arts Division
(206) 934-5425

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

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

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

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

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

Certificate**PREREQUISITES**

ENGL 105	Applied Composition	3
Following can be substituted:		
ENGL&101	English Composition	5
HOS 150	Measurements and Meanings	2
<i>Following can be substituted: college level math</i>		
-OR-		
MATH 110	App Math for Technician	5

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	Introduction 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	Introduction 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	Introduction 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: Theory	4
CUL 255	Buffet Cater/Garde Manger: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 and Kitchen Management	4
HOS 110	Principles of Sanitation	3
HOS 111	Introduction to Customer Service:Theory	1
HOS 122	Purchasing and Inventory: Theory	1
HOS 123	Food Costing Principles and Application	1
HOS 124	Computerized Menu Planning	2
HOS 201	Functions of Management	2

RELATED INSTRUCTION

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

TOTAL PROGRAM CREDITS	102
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Note: Certain courses require concurrent enrollment.
Please check under culinary course descriptions for specifics.

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

Completion of Certificate Requirements.102

PREREQUISITES

- ENGL 105 Applied Composition3
Following can be substituted:
ENGL&101 English Composition5
- HOS 150 Measurements and Meanings2
Following can be substituted: college level math
-OR-
MATH 110 App Math for Technician.5

TECHNICAL SPECIALTY COURSES

- BAK 105 Restaurant Baking: Theory. 1.5
- BAK 115 Restaurant Baking: Practicum1
- BAK 116 Fine Dining Baking: Practicum1
- BAK 117 Introduction to Cheese Making.1
- CUL 101 Food Theory I6
- CUL 102 Food Theory II.5
- CUL 103 Food Theory III4
- CUL 104 Food Theory IV6
- CUL 111 Introduction to Professional Cooking:
Practicum6
- CUL 112 Quantity Cooking: Practicum8
- CUL 113 Restaurant Cooking: Practicum8
- CUL 114 International Cooking: Practicum8
- CUL 120 Introduction to Wine1
- CUL 151 Sustainable Food Systems Practices I1
- CUL 152 Sustainable Food Systems Practices II1
- CUL 153 Sustainable Food Systems Practices III.1
- CUL 205 Advanced Culinary Theory1
- CUL 215 Advanced Culinary Practices 4.5
- CUL 251 Buffet Catering & Garde Manger: Theory.4
- CUL 255 Buffet Cater/Garde Manger: Practicum.8
- HOS 101 Customer Service Practicum I1
- HOS 102 Customer Service Practicum II1
- HOS 103 Customer Service Practicum III1
- HOS 104 Customer Service Practicum IV1
- HOS 108 Dining Room and Kitchen Management.4
- HOS 110 Principles of Sanitation3
- HOS 111 Introduction to Customer Service: Theory1
- HOS 122 Purchasing and Inventory: Theory.1
- HOS 123 Food Costing Principles and Application1
- HOS 124 Computerized Menu Planning.2
- HOS 201 Functions of Management2

RELATED INSTRUCTION

- BIOL 103 Nutrition for Food Service Professionals3
- MIC 102 Using Computers I1
MIC 102E Computer Lab Survival Skills
- PSYC 240 Psychology of Human Relations3

GENERAL EDUCATION ELECTIVES

- CSC course4
Any humanities, social sciences, natural
science of CSC class.

ALLIED SUPPORT ELECTIVES

- Select 12 credits from any of the following:
- CUL 299 Independent Projects/Culinary Arts5
 - BUS course5
 - CSC course5
 - MIC course5
 - College Transfer course5
-
- ALLIED SUPPORT CREDITS12
- TOTAL PROGRAM CREDITS117

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

TECHNICAL SPECIALTY COURSES

- BAK 105 Restaurant Baking: Theory. 1.5
- BAK 115 Restaurant Baking: Practicum1
- BAK 116 Fine Dining Baking: Practicum1
- BAK 117 Introduction to Cheese Making.1
- BIOL 103 Nutrition for Food Service Professionals3
- CUL 101 Food Theory I6
- CUL 102 Food Theory II.5
- CUL 103 Food Theory III4
- CUL 104 Food Theory IV6
- CUL 111 Introduction to Professional Cooking:
Practicum6
- CUL 112 Quantity Cooking: Practicum8
- CUL 113 Restaurant Cooking: Practicum8
- CUL 114 International Cooking: Practicum.8
- CUL 120 Introduction to Wine1
- CUL 151 Sustainable Food Systems Practices I1
- CUL 152 Sustainable Food Systems Practices II1
- CUL 153 Sustainable Food Systems Practices III.1
- CUL 205 Advanced Culinary Theory1
- CUL 215 Advanced Culinary Practices 4.5
- CUL 251 Buffet Catering & Garde Manger: Theory.4
- CUL 255 Buffet Cater/Garde Manger: Practicum.8
- HOS 101 Customer Service Practicum I1
- HOS 102 Customer Service Practicum II1
- HOS 103 Customer Service Practicum III1
- HOS 104 Customer Service Practicum IV1
- HOS 108 Dining Room and Kitchen Management.4
- HOS 110 Principles of Sanitation3
- HOS 111 Introduction to Customer Service: Theory1
- HOS 122 Purchasing and Inventory: Theory.1
- HOS 123 Food Costing Principles and Application1
- HOS 124 Computerized Menu Planning.2
- HOS 201 Functions of Management2
- MIC 102 Using Computers I1

TECHNICAL SPECIALTY CREDITS74.5

RELATED INSTRUCTION

Total of 20 credits is derived from all three Related Instruction areas.

ENGL& 101 English Composition5

RELATED INSTRUCTION - QUANTITATIVE SKILLS

College-level Math with MATH 098 prereq.

Choose 5 credits (1 course) from the following:

MATH& 107 Math in Society5

MATH& 146 Introduction to Statistics5

TOTAL QUANTITATIVE SKILLS CREDITS 5

RELATED INSTRUCTION - SCIENCE, SOCIAL OR HUMAN

Choose 10 credits (2 courses) from the following:

ANTH& 206 Cultural Anthropology5

ANTH 275 Medical Anthropology5

BIOL& 160 General Biology w/Lab5

CHEM&121 Intro to Chemistry.5

CMST&101 Introduction to Communication5

HUM 105 Interculture Communication.5

NTR 150 Human Nutrition5

PSYC& 100 General Psychology.5

SCIENCE, SOCIAL OR HUMAN CREDITS 10

TOTAL PROGRAM CREDITS 119

Specialty Desserts & Breads

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

Learn to create rustic artisan breads and doughs, plated desserts, decorative cakes, and mouthwatering pastries.

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

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

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

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

Specialty Desserts & Breads Certificate**PREREQUISITES**

ENGL 105 Applied Composition3

Following can be substituted:

ENGL& 101 English Composition5

MATH 111 Applied Mathematics I.5

Following can be substituted: college level math

-OR-

MATH 110 App Math for Technician.5

TECHNICAL SPECIALTY COURSES

BAK 101 Intro to Desserts & Breads: Theory4

BAK 102 Bread and Food Preservation3

BAK 103 Science and Practice of Baking with Chocolate 4

BAK 111 Introduction to Desserts & Breads: Practicum 6

BAK 112 Beginning Desserts and Breads: Practicum . . . 8

BAK 113 Intermediate Desserts and Breads: Practicum . 8

BAK 123 Adv Buff. Desserts/Wed Cakes/
Preservation-Theory2

BAK 124 Adv. Buffet Desserts/Wedding Cakes/
Preservation8

BAK 125 Advanced Desserts and Breads: Practicum . . 8

BAK 126 Advanced Food Preservation3

CUL 106 Introduction to Culinary Arts: Theory.1.5

CUL 116 Introduction to Culinary Arts: Practicum1

CUL 120 Introduction to Wine1

CUL 151 Sustainable Food Systems Practices I1

CUL 152 Sustainable Food Systems Practices II1

CUL 153 Sustainable Food Systems Practices III.1

HOS 101 Customer Service Practicum I1

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 and Inventory: Theory1

HOS 123 Food Costing Principles and Application1

HOS 201 Functions of Management2

TECHNICAL SPECIALTY CREDITS 74.5

RELATED INSTRUCTION

BIOL 103 Nutrition for Food Service Professionals3

MIC 102 Using Computers I1
MIC 102E Computer Lab Survival Skills

PSYC 240 Psychology of Human Relations3

TOTAL PROGRAM CREDITS 77.5

Specialty Desserts & Breads Associate of Applied Science Degree (A.A.S.)

Completion of Certificate Requirements: 77.5 credits

PREREQUISITES

ENGL 105 Applied Composition3

Following can be substituted:

ENGL& 101 English Composition5

MATH 111 Applied Mathematics I.5

Following can be substituted:

MATH 110 App Math for Technician.5
or college level math

TECHNICAL SPECIALTY COURSES

BAK 101	Intro to Desserts & Breads: Theory	4
BAK 102	Bread and Food Preservation	3
BAK 103	Science and Practice of Baking with Chocolate	4
BAK 111	Introduction to Desserts & Breads: Practicum	6
BAK 112	Beginning Desserts and Breads: Practicum. . .	8
BAK 113	Intermediate Desserts and Breads: Practicum	8
BAK 123	Adv Buff. Desserts/Wed Cakes/ Preservation-Theory	2
BAK 124	Adv. Buffet Desserts/Wedding Cakes/ Preservation	8
BAK 125	Advanced Desserts and Breads: Practicum . . .	8
BAK 126	Advanced Food Preservation	3
CUL 106	Introduction to Culinary Arts: Theory.	1.5
CUL 116	Introduction to Culinary Arts: Practicum	1
CUL 120	Introduction 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 and Inventory: Theory	1
HOS 123	Food Costing Principles and Application	1
HOS 201	Functions of Management	2

TECHNICAL SPECIALTY CREDITS 70.5

RELATED INSTRUCTION

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

GENERAL ELECTIVES

Choose 4 credits from any of the following:

Social Science Elective	5
Humanities Electives	5
CSC course	5
	Natural Science of CSC class

GENERAL ELECTIVE CREDITS 15

ALLIED SUPPORT ELECTIVES

Choose 12 credits from any of the following:

CUL 299	Independent Projects/Culinary Arts	5
BUS course	5	
CSC course	5	
MIC course	5	
College Transfer course	5	

ALLIED SUPPORT ELECTIVE CREDITS 12

TOTAL PROGRAM CREDITS 93.5

Specialty Desserts & Breads Associate of Applied Science - T Degree (A.A.S.-T)

TECHNICAL SPECIALTY COURSES

BAK 101	Intro to Desserts & Breads: Theory	4
BAK 102	Bread and Food Preservation	3
BAK 103	Science and Practice of Baking with Chocolate	4
BAK 111	Introduction to Desserts & Breads: Practicum	6
BAK 112	Beginning Desserts and Breads: Practicum . . .	8
BAK 113	Intermediate Desserts and Breads: Practicum	8
BAK 124	Adv. Buffet Desserts/Wedding Cakes/ Preservation	8
BAK 125	Advanced Desserts and Breads: Practicum . . .	8
BAK 126	Advanced Food Preservation	3
BIOL 103	Nutrition for Food Service Professionals	3
CUL 106	Introduction to Culinary Arts: Theory.	1.5
CUL 116	Introduction to Culinary Arts: Practicum	1
CUL 120	Introduction 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 110	Principles of Sanitation	3
HOS 122	Purchasing and Inventory: Theory.	1
HOS 123	Food Costing Principles and Application	1
HOS 201	Functions of Management	2
MIC 102	Using Computers I	1

TECHNICAL SPECIALTY CREDITS 74.5

Total of 20 credits from all three related instruction areas:

RELATED INSTRUCTION

ENGL& 101	English Composition	5
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RELATED INSTRUCTION - QUANTITATIVE SKILLS

College-level Math with MATH 098 prereq.

Choose 1 course listed below:

MATH& 107	Math in Society	5
MATH& 146	Introduction to Statistics	5

QUANTITATIVE SKILLS CREDITS 5

RELATED INSTRUCTION - SCIENCE, SOCIAL OR HUMAN

Choose 2 from the following:

ANTH& 206	Cultural Anthropology	5
BIOL& 160	General Biology w/Lab	5
CHEM&121	Intro to Chemistry.	5
CMST&101	Introduction to Communication	5
HUM 105	Interculture Communication.	5
NTR 150	Human Nutrition.	5
PSYC& 100	General Psychology.	5

SCIENCE, SOCIAL, OR HUMAN CREDITS	10
TOTAL PROGRAM CREDITS	94.5

Early Childhood & Family Studies

Social & Human Services & Child & Family Studies (206) 934-6900

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.

Certificate

PREREQUISITES

Eligibility for the following:

ENGL& 101	English Composition	5
MATH 084	Algebra I	5

SPECIALIZATION CERTIFICATE COURSES

SHS 103	Social Welfare Policy	5
SHS 106	Principles of Interviewing and Counseling	5

Following can be substituted:

SHS 108	Group Dynamics & Counseling	5
SHS 197	Field Placement: Social and Human Services .3	

Credit range: 2-5
Total required field placement credits: 3

RELATED INSTRUCTION

ENGL& 101	English Composition	5
HUM 105	Interculture Communication.	5
PSYC& 200	Lifespan Psychology	5
SOC& 101	Introduction to Sociology	5

Following can be substituted:

SOC 250	Marriage, Family & Intimate Relationships . .5	
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CFS SPECIALIZATION AREA

Students may take a total of 12 credits from the specialization areas listed below.

CFS 110	Developmentally Appropriate Activities Environment.	3
CFS 120	Physical & Intellectual Development	3
CFS 130	Social/Emotional Development	3
CFS 145	Activities to Foster Development School Age Year 3	
CFS 155	Development During the Adolescent Years . . .3	
CFS 180	Guiding Behavior & Social Dev School Age and Ad 3	
CFS 208	Planning & Space Design for School-Age & Youth .3	

CFS 215	Math and Science with Young Children	3
CFS 223	Physical Development in School Age/ Youth Program	2
CFS 225	Assessment & Programming	3
CFS 228	Childhood/Adolescent Sexuality & Education .3	
CFS 245	Partnerships with Diverse Families.	3
CFS 252	Violence Prevention	3
CFS 263	Children with Disabilities	3
CFS 270	Child and Family Health	3
CFS 280	Methods Cultural Relv/Anti-Bias: Child & Families	3
CFS 284	Literacy Development for Children & Families. .3	
CFS 290	Budget and Finance	4
Total required credits for CFS 290: 1-4		
CFS 296	Personnel and Supervision	4
Total required credits for CFS 296: 1-4		
CFS 299	M.E.R.I.T.	2
Total required credits for CFS 299: 1-5		
Maximum of three credits may be applied toward certificate or degree.		

TOTAL PROGRAM CREDITS	45
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Eligibility for graduation requires a minimum 2.0 GPA in all required technical specialty and related instruction courses.

Early Childhood Education (State)

Social & Human Services / Child & Family Studies (206) 934-6900

This program is part of the Washington State Career State Career Lattice for Early Childhood Education (meets minimum child care licensing standards or registered apprentice in high school, high School or equivalent and 20 hours basic STARS/MERIT training or 2 college credits in basics of child care course, at least 2 hours of training in each of the ECE Core Competency areas.) for early care and education professionals.

The State Early Childhood Education certificate is awarded following completion of the one of the specialized Early Childhood Short Certificates (total of 20 credits, which includes completion of the State Initial Early Childhood Education Certificate [12 credits]) plus 27 credits in additional required coursework as noted.

Early Childhood Education Certificate (State Initial)

The initial Certificate is a point of entry or a continuation of professional development based on Level 1 on the Washington State Career State Career Lattice (meets minimum child care licensing standards or registered apprentice in high school, high School or equivalent and 20 hours basic STARS/MERIT training OR 2 college credits in basics of child care course, at least 2 hours of training in each of the ECE Core Competency areas.) The initial Certificate (level 2 Step 5) is the first “ Stackable certificate” providing a foundation for the ECS Sate Credential and association degree.

TECHNICAL SPECIALTY COURSES

ECED& 105	Introduction to Early Childhood Education	5
ECED& 107	Health Safety Nutrition	5
ECED& 120	Practicum: Nurturing Relationships	2
TOTAL PROGRAM CREDITS		12

Early Childhood Education Certificate (State)

TECHNICAL SPECIALTY COURSES

ECED& 160	Curriculum Development	5
ECED& 170	Environments-Young Child	3
<i>Following can be substituted:</i>		
ECED&130	Guiding Behavior	3
ECED& 180	Language and Literacy Development.	3
ECED& 190	Observing & Assessment	3
EDUC& 150	Child, Family and Community	3
TECHNICAL SPECIALTY CREDITS		17

TECHNICAL SPECIALTY COURSES - INITIAL CERTIFICATE

Completion of the courses listed below equals the State Initial ECE Certificate.

ECED& 105	Introduction to Early Childhood Education	5
ECED& 107	Health Safety Nutrition	5
ECED& 120	Practicum: Nurturing Relationships	2
TECHNICAL SPECIALTY - INITIAL CERTIFICATE CREDITS		12

TECHNICAL SPECIALTY COURSES - SPECIALIZATION

Completion of EDUC& 115 - Child Development and one of the other courses listed below:

ECED& 132	Infants/Toddlers Care	3
Completion this course, EDUC& 115 - Child Development (5 credits) , and the State Initial ECE Certificate courses (12 credits) equals the State Short ECE Certificate - Infant/Toddler Care		
ECED& 134	Family Child Care	3
Completion this course, EDUC& 115 - Child Development (5 credits) , and the State Initial ECE Certificate courses (12 credits) equals the State Short ECE Certificate - Family Child Care		
ECED& 139	Administration	3
Completion this course, EDUC& 115 - Child Development (5 credits) , and the State Initial ECE Certificate courses (12 credits) equals the State Short ECE Certificate - Administration		
EDUC& 115	Child Development	5
EDUC& 130	Guiding Behavior	3
Completion this course, EDUC& 115 - Child Development (5 credits), and the State Initial ECE Certificate courses (12 credits) equals the State Short ECE Certificate - General		
EDUC& 136	School Age Care	3
Completion this course, EDUC& 115 - Child Development (5 credits) , and the State Initial ECE Certificate courses (12 credits) equals the State Short ECE Certificate - School-Age Care		
TECHNICAL SPECIALTY SPECIALIZATION CREDITS		8

RELATED INSTRUCTION

ENGL& 101	English Composition	5
<i>Following can be substituted:</i>		
English course higher than ENGL& 101		
College Level MATH course.		5
Quantitative or Computational Math above 100 or designated Q/SR		

RELATED INSTRUCTION CREDITS	10
TOTAL PROGRAM CREDITS	47

Early Childhood Education Certificate (State Short) - Administration

This certificate is awarded following completion of completion of the State Initial Early Childhood Education Certificate (12 credits) plus 8 credits in additional required coursework as noted.

TECHNICAL SPECIALTY COURSES - INITIAL CERTIFICATE

Completion of the courses listed below equals the State Initial ECE Certificate.

ECED& 105	Introduction to Early Childhood Education	5
ECED& 107	Health Safety Nutrition	5
ECED& 120	Practicum: Nurturing Relationships	2
TECHNICAL SPECIALTY INITIAL CERTIFICATE CREDITS		12

TECHNICAL SPECIALTY COURSES - SPECIALIZATION

ECED& 139	Administration	3
EDUC& 115	Child Development	5
TECHNICAL SPECIALTY SPECIALIZATION CREDITS		8
TOTAL PROGRAM CREDITS	20	

Early Childhood Education Certificate (State Short) - Family Child Care

This Certificate is awarded following completion of completion of the State Initial Early Childhood Education Certificate (12 credits) plus 8 credits in additional required coursework as noted.

TECHNICAL SPECIALTY COURSES - INITIAL CERTIFICATE

Completion of the courses listed below equals the State Initial ECE Certificate.

ECED& 105	Introduction to Early Childhood Education	5
ECED& 107	Health Safety Nutrition	5
ECED& 120	Practicum: Nurturing Relationships	2
TECHNICAL SPECIALTY - INITIAL CERTIFICATE CREDITS		12

TECHNICAL SPECIALTY COURSES - SPECIALIZATION

ECED& 134	Family Child Care	3
EDUC& 115	Child Development	5
TECHNICAL SPECIALTY SPECIALIZATION CREDITS		8
TOTAL PROGRAM CREDITS	20	

Early Childhood Education Certificate (State Short) - General

This certificate is awarded following completion of completion of the State Initial Early Childhood Education Certificate (12 credits) plus 8 credits in additional required coursework as noted.

TECHNICAL SPECIALTY COURSES - INITIAL CERTIFICATE

Completion of the courses listed below equals the State Initial ECE Certificate.

ECED& 105	Introduction to Early Childhood Education5	
ECED& 107	Health Safety Nutrition5	
ECED& 120	Practicum: Nurturing Relationships2	
TECHNICAL SPECIALTY - INITIAL CERTIFICATE CREDITS		12

TECHNICAL SPECIALTY COURSES - SPECIALIZATION

EDUC& 115	Child Development5	
EDUC& 130	Guiding Behavior3	
TECHNICAL SPECIALTY SPECIALIZATION CREDITS		8
TOTAL PROGRAM CREDITS		20

Early Childhood Education Certificate (State Short) - Infant Toddler Care

This certificate is awarded following completion of completion of the State Initial Early Childhood Education Certificate (12 credits) plus 8 credits in additional required coursework as noted.

TECHNICAL SPECIALTY COURSES - INITIAL CERTIFICATE

Completion of the courses listed below equals the State Initial ECE Certificate.

ECED& 105	Introduction to Early Childhood Education5	
ECED& 107	Health Safety Nutrition5	
ECED& 120	Practicum: Nurturing Relationships2	
TECHNICAL SPECIALTY - INITIAL CERTIFICATE CREDITS		12

TECHNICAL SPECIALTY COURSES - SPECIALIZATION

ECED& 132	Infants/Toddlers Care3	
EDUC& 115	Child Development5	
TECHNICAL SPECIALTY SPECIALIZATION CREDITS		8
TOTAL PROGRAM CREDITS		20

ECE: State Short Early Childhood Education Certificate - School-Age Care

This certificate is awarded following completion of completion of the State Initial Early Childhood Education Certificate (12 credits) plus 8 credits in additional required coursework as noted.

TECHNICAL SPECIALTY COURSES - INITIAL CERTIFICATE

Completion of the courses listed below equals the State Initial ECE Certificate.

ECED& 105	Introduction to Early Childhood Education5	
ECED& 107	Health Safety Nutrition5	
ECED& 120	Practicum: Nurturing Relationships2	
TECHNICAL SPECIALTY - INITIAL CERTIFICATE CREDITS		12

TECHNICAL SPECIALTY COURSES - SPECIALIZATION

EDUC& 115	Child Development5	
EDUC& 136	School Age Care3	
TECHNICAL SPECIALTY SPECIALIZATION CREDITS		8
TOTAL PROGRAM CREDITS		20

Graphic Design

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

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

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

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

TECHNICAL SPECIALTY COURSES

DES 110	History of Graphic Design3.5	
DES 121	Typography I3.5	
DES 122	Typography II3.5	
DES 131	Graphic Design I3.5	
DES 132	Graphic Design II3.5	
DES 133	Graphic Design III3.5	
DES 145	Graphic Production I3.5	
DES 146	Graphic Production II3.5	
DES 147	Graphic Production III3.5	
DES 151	Interactive I3.5	
DES 152	Interactive II3.5	
DES 153	Interactive III3.5	
DES 197	Work Experience - Graphic Design.3	
		Credit range: 2-5
		Total required work experience credits for DES 197: 3
DES 223	Typography III4	

Following can be substituted:

DES 232	- Graphic Design V4	
DES 223 is a book design class, while DES 232 is a magazine design class.		

DES	231	Graphic Design IV	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	249	Graphic Production V	4
DES	251	Multimedia I	4
DES	252	Interactive V	4
DES	253	Interactive VI	4
DES	260	Portfolio PREP	4
DES	270	Environmental Graphics I	5
DES	280	Special Projects I	4
DES	281	Special Projects II	4
DES	282	Special Projects III	4

RELATED INSTRUCTION

NME	110	New Media I	6
NME	120	New Media II	6
NME	130	New Media III	6

TOTAL PROGRAM CREDITS			117
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Information Technology

Business, Information Technologies & Creative Arts Division
(206) 934-3150

The Information Technology three- to seven-quarter certificate and Associate of Applied Science–T degree (A.A.S.-T) programs prepare students for an industry with a growing need for skilled technicians. IT offers certificates and/ or degrees in six areas: Applications Support, Database Administration and Development, Mobile Product Development, Network Design and Administration, Programming, Web Design, and Web Development. Graduates can expect to find employment as help desk analysts, programmers, web designers and developers, software support specialists, application developers, network designers and administrators, database designers and administrators and IT security specialists. Short-term certificates or industry certifications are offered in Computer Support Technician, Cisco Specialist I, II, III, Microsoft Specialist I, II, III, and Mobile Product Development.

Mobile Product Development Specialist Certificate

At this time the program is under revision. Please contact division office for current information.

PREREQUISITES

Computer Programming Certificate or Web Design Certificate OR passage of all courses.

Eligibility for the following courses:

MATH&	141	Pre-Calculus I (Compass or MATH 098 pass)	
ENGL&	101	English Composition	
BTM	111	Business Applications I	5

Following can be substituted:

80%+ on Science and Math (SAM) Challenge - MS Office

BTM	120	Customer Relations Management	5
<i>Following can be substituted: Type 25 wpm Keyboarding</i>			

BUS&	101	Introduction to Business	5
ENGL	106	Technical Writing	3
ITC	102	Information Systems Concepts	3

Following can be substituted: credit by exam

-OR-

1+ year prior work experience

ITC	110	Programming Fundamentals	5
ITC	134	Computer Operating Systems	5

TECHNICAL SPECIALTY COURSES

BTM	228	Small Business Management	5
BTM	260	Project Management	5
BUS	150	Marketing Social Media Mobile Client	3
BUS	185	Small Business Management	5
ECON&	201	Micro Economics	5
ITC	115	Object Oriented Programming	5
ITC	162	JAVA 2 with Intro to Android	5
ITC	298	Special Topics	5

Credit Range: 1-5

Total required credits for ITC 298: 4

ITC	299	Independent Study	5
WEB	202	User Centered Web Design	4

TOTAL PROGRAM CREDITS			44
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Cisco Specialist I Certificate

PREREQUISITES

Each course listed below be completed with a 2.0 GPA or better.

ENGL&	101	English Composition	5
ITC	140	Introduction to Computer Hardware	5
MATH	084	Algebra I	5
NET	120	Network Essentials - Comptia Network +	5

TECHNICAL SPECIALTY COURSES

BTM	120	Customer Relations	5
ITC	136	UNIX Operating System	5
NET	142	Network Management - Cisco I	5
NET	144	Network Management - Cisco II	5

TECHNICAL SPECIALTY CREDITS			20
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TOTAL PROGRAM CREDITS			20
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Cisco Specialist II Short-Term Certificate

A short term, intensive Cisco Certified Network Administrator (CCNA or ICND 2) certificate in network infrastructure, Linux Administration and Network Security skills for entry level workers or established workers seeking updated skills

PREREQUISITES

Must meet all college requirements and Eligibility for ENG 101 and MAT 081. Prerequisites completed with minimum 2.0 or better GPA in each course and completion of Cisco Specialist I Short Term Certificate with 2.0 or better or related CompTIA certification and prior work experience.

ENGL&	101	English Composition	5
ITC	140	Introduction to Computer Hardware	5
MATH	084	Algebra I	5
NET	120	Network Essentials - Comptia Network +	5

TECHNICAL SPECIALTY COURSES

ITC	151	Introduction to Network Security.	5
ITC	299	Independent Study	5
NET	138	UNIX for Network Administration	5
NET	146	Network Management - Cisco III	5

TOTAL PROGRAM CREDITS			16-18
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Cloud Specialist Certificate

This certificate is designed to provide core knowledge in Internet (cloud) technologies. Four areas of emphasis include: Solution architectures, risk and governance, mobility and applications, and service management. Cloud computing at Seattle Central focuses on new Internet-only business models and the re-ordering of traditional client server local area networking technologies in a highly distributed, mobile world. Entry into the certificate requires Linux and Windows experience. The Enterprise Virtualization and Cloud Management Capstone course requires the highest skill set.

PROGRAM CERTIFICATE OUTCOMES:

- Plan and manage multiple projects, both individually and as a team member
- Assess, develop, and maintain network security systems using ethical best practices and standardized tools.
- Design, implement, and manage hybrid-distributed environments.

TECHNICAL SPECIALTY COURSES

NTI	430	Collaboration and Secure Content Management	5
NTI	440	Devices and Services Cloud Environments	5
NTI	460	Enterprise Virtualization and Cloud Management Capstone	5

TOTAL PROGRAM CREDITS			15
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Computer Support Technician Certificate

PREREQUISITES

Prerequisites require completion with a 2.5 GPA or higher. Equivalent course work or experience will be evaluated for possible substitution. Prerequisites differ for I-BEST students.

BTM	111	Business Applications I	5
ENGL&	101	English Composition	5
ITC	102	Information Systems Concepts	3
MATH	084	Algebra I	5

TECHNICAL SPECIALTY COURSES

BTM	275	Computer User Support.	5
CIS	197	Work Experience-Computer Information Systems	5
HDC	106	Interviewing, Resumes, Job Hunting, Employer/Employee Inte	2

Following can be substituted:

ITC	205	IT Career Strategies.	2
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ITC	134	Computer Operating Systems	5
ITC	140	Introduction to Computer Hardware	5
NET	120	Network Essentials - Comptia Network +	5

TOTAL PROGRAM CREDITS			23
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Database Administration and Development Certificate

PREREQUISITES

Prerequisites do not count toward credits required for this certificate.

ENGL	106	Technical Writing.	3
ITC	102	Information Systems Concepts	3
<i>Following can be substituted: previous computer experience</i>			
MATH	119	Mathematics Behind Information Technology.	3
BTM	111	Business Applications I	5

TECHNICAL SPECIALTY COURSES

ITC	110	Programming Fundamentals	5
ITC	134	Computer Operating Systems	5
ITC	136	UNIX Operating System	5
ITC	140	Introduction to Computer Hardware	5
ITC	172	NET Web Programming	5
ITC	220	Database Development.	5
ITC	222	SQL.	5
ITC	224	Designing Database Solutions	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5
ITC	240	Web Applications 1	5
WEB	110	Web Authoring I	4

TECHNICAL SPECIALTY CREDITS			59
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RELATED INSTRUCTION

BTM	120	Customer Relations	5
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TOTAL PROGRAM CREDITS			64
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Linux Short-Term Certificate

This three-class series of courses prepare individuals with previous Linux administration skills for implementation in enterprise computing environments, past the equivalency of Linux+ certification. Students examine and demonstrate auto-configuration, file systems, partitioning, logical volumes, firewalling, LAN/WAN support applications, Enterprise Applications, like web, mobility, email, storage, cloud virtualization, database, and troubleshooting. Students will also implement third-party applications and mixed server environments, including integration with Microsoft and Apple products.

PROGRAM CERTIFICATE OUTCOMES:

- Plan and manage multiple projects, both individually and as a team member
- Apply industry standard techniques for collecting, analyzing, and optimizing data within an enterprise network infrastructure.
- Assess, develop, and maintain network security systems using ethical best practices and standardized tools.

TECHNICAL SPECIALTY COURSES

NTI	300	Linux and Enterprise Scripting Technologies . . .5
NTI	310	Linux Applications (5 credits)
NTI	320	Optimization and Monitoring of Enterprise Networks5

TOTAL PROGRAM CREDITS 15

Microsoft Specialist I Certificate

PREREQUISITES

Entrance requirements: Compass test and writing samples and eligibility for MATH 081 and ENGL 101

Courses listed below must be completed with a 2.0 GPA or better:

BTM	111	Business Applications I5
ENGL&	101	English Composition5
ITC	102	Information Systems Concepts3
MATH	084	Algebra I5

TECHNICAL SPECIALTY COURSES

BTM	275	Computer User Support.5
HDC	106	Interviewing, Resumes, Job Hunting, Employer/Ee Inte2

Following can be substituted:

ITC	205	IT Career Strategies.2
NET	122	Network Operating Systems 1 - Win2k Professional.5
NET	124	Network Operating Systems 2 - Win2k Server .5

TECHNICAL SPECIALTY CREDITS 37

ELECTIVE

Total IT Elective: 5 credits

Choose one of the following. ITC 110 is recommended course.

ITC	110	Programming Fundamentals5
ITC	220	Database Development.5

TOTAL CREDITS 21

Microsoft Office System Short-Term Certificate

This certificate is designed to provide essential technical support skills to end users of essential Microsoft applications in both technical and non-technical departments and positions. Students will receive preparation to take the Microsoft Office Systems (MOS) certification exam at the proficient level.

TECHNICAL SPECIALTY COURSES

MIC	101	Introduction to Microcomputer Applications. . .4
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Following can be substituted:

MIC 160 P (Supporting Microsoft Application for PowerPoint

Students can take MIC 101 or MIC 160 P as an alternate for the third course

MIC	160	Supporting Microsoft Application W Certification4
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Following can be substituted:

MIC 160 W (Supporting Microsoft Application for Word)

TOTAL PROGRAM CREDITS 12

Microsoft Specialist II Short-Term Certificate

A short term, intensive Microsoft Specialist II certificate delves deeper into Microsoft Windows Server 2008 for implementing and administering a networked environment utilizing tools, applications and processes to manage a secure client/server environment.

PREREQUISITES

Must meet all college requirements and Eligibility for ENG 101; ITC 102 and MIC 101; must also have completed Microsoft Specialist I Certificate of Completion or have related MSITP certification tests completed.

TECHNICAL SPECIALTY COURSES

NET	126	Network OS 3 - Win2k Network Infrastructure .5
NET	134	Network Communications - TCP/IP5

ELECTIVES

Any IT course - Recommended Electives listed below:

ITC	110	Programming Fundamentals5
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Following can be substituted:

Recommend ITC 110 or ITC 220

ITC	220	Database Development.5
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Following can be substituted:

Recommend ITC 110 or ITC 220

ELECTIVE CREDITS 5

TOTAL PROGRAM CREDITS 15

Microsoft Specialist III Short-Term Certificate

(206) 934-5558

A short term, intensive Microsoft Specialist III certificate explores case studies to analyze requirements, discuss needs and implement solutions to solve enterprise network technology and application integration issues.

PREREQUISITES

Must meet all college requirements and Eligibility for ENG 101; ITC 102 and MIC 101; must also have completed Microsoft Specialist II Certificate of Achievement or have passed related MS Cert tests leading to MSITP

Visual, Literary and Performing Arts.5

TECHNICAL SPECIALTY COURSES

ITC	197	Work Experience Computer Information Technology.5
NET	200	Enterprise Applications10

TOTAL PROGRAM CREDITS 15

Network Design and Administration Certificate

(206) 934-5558

PREREQUISITES

Prerequisites don't count toward credits required for this certificate.

Eligibility for ENGL& 101 and College Math

ITC 102 Systems Concepts3

Following can be substituted:

BTM 111 - Business Applications I

-OR-

Previous computer experience and MS Office

ITC 140 Introduction to Computer Hardware5

NET 120 Network Essentials - Comptia Network +5

TECHNICAL SPECIALTY CLASSES

CIS 197 Work Experience - Computer Information Systems3

Credit range: 3-5

Total CIS 197 credits required: 3

ITC 136 UNIX Operating System5

ITC 151 Introduction to Network Security.5

NET 122 Network Operating Systems 1 - Win2k Professional.5

NET 124 Network Operating Systems 2 - Win2k Server .5

NET 126 Network OS 3 - Win2k Network Infrastructure .5

NET 134 Network Communications - TCP/IP5

NET 138 UNIX for Network Administration5

NET 142 Network Management - Cisco I.5

NET 144 Network Management - Cisco II5

NET 146 Network Management - Cisco III5

NET 200 Enterprise Applications10

TECHNICAL SPECIALTY CREDITS 58

TOTAL PROGRAM CREDITS 68

Network Design and Administration Associate of Applied Science - T Degree (A.A.S.-T)

Completion of Certificate Requirements: 78 credits

PREREQUISITES

Prerequisites don't count toward credits required for this certificate.

Eligibility for ENGL& 101 and College Math

ITC 102 Information Systems Concepts3

Following can be substituted:

BTM 111 - Business Applications I

-OR-

Previous computer experience and MS Office

ITC 140 Introduction to Computer Hardware5

NET 120 Network Essentials - Comptia Network +5

TECHNICAL SPECIALTY CLASSES

CIS 197 Work Experience-Computer Information Systems .3

Credit range: 3-5

Total CIS 197 credits required: 3

ITC 136 UNIX Operating System5

ITC 151 Introduction to Network Security.5

NET 122 Network Operating Systems 1 - Win2k Pro.5

NET 124 Network Operating Systems 2 - Win2k Server .5

NET 126 Network OS 3 - Win2k Network Infrastructure .5

NET 134 Network Communications - TCP/IP5

NET 138 UNIX for Network Administration5

NET 142 Network Management - Cisco I.5

NET 144 Network Management - Cisco II5

NET 146 Network Management - Cisco III5

NET 200 Enterprise Applications10

TECHNICAL SPECIALTY CREDITS 58

RELATED INSTRUCTION

CSC 110 Introduction to Computer Programming.5

Following can be substituted: other Natural Science course

ENGL& 101 English Composition5

ENGL& 102 Composition II5

Following can be substituted: other Communications course

HUM 105 Interculture Communication.5

Following can be substituted: other Humanities course

MATH 136 Inferential Statistics5

Following can be substituted:

MATH& 146 - Introduction to Statistics

PSYC& 100 General Psychology.5

Following can be substituted: other Social Science course

RELATED INSTRUCTION CREDITS 30

TOTAL PROGRAM CREDITS 98

Programming Certificate

PREREQUISITES

Prerequisites don't count toward credits required for this certificate.

Eligibility for MATH 098 and ENGL&101

ENGL 106 Technical Writing.3

ITC 102 Information Systems Concepts3

MATH 119 Mathematics Behind Information Technology. .3

MIC 120 Business Applications 15

TECHNICAL SPECIALTY COURSES

ITC 110 Programming Fundamentals5

Following can be substituted:

CSC 110 Intro to Computer Programming5

ITC 115 Object Oriented Programming5

Following can be substituted:

CSC 142 Computer Programming I5

ITC 162 JAVA 2 with Intro to Android5

Following can be substituted:

CSC 143 Computer Programming II5

ITC 172 NET Web Programming5

ITC 220 Database Development.5

ITC 240 Web Application 1.5

ITC 260 Web Application 3.5

ITC 255 Systems Analysis5

ITC 298 Special Topics5

WEB 110 Web Authoring I4

TECHNICAL SPECIALTY CREDITS 49

RELATED INSTRUCTION

BUS 140 Customer Relations5

ELECTIVES

TOTAL REQUIRED ELECTIVE CREDITS: 15

IT Electives15

TOTAL PROGRAM CREDITS 69

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

Completion of Certificate Requirements: 69 credits

TECHNICAL SPECIALTY COURSES

ITC 285 Capstone Project Class5

RELATED INSTRUCTION

BTM 120 Customer Relations5

ENGL& 101 English Composition5

HUM 105 Interculture Communication5

ITC 110 Programming Fundamentals5

ITC 115 Object Oriented Programming5

Following can be substituted:

CSC 142 Computer Programming I5

ITC 162 Intro to Mobile Development5

Following can be substituted:

CSC 143 Computer Programming II5

ITC 172 NET Web Programming5

ITC 260 Web Application 35

ITC 220 Database Development5

ITC 255 Systems Analysis5

ITC 240 Web Application 15

ITC 298 Special Topics5

MATH& 136 Inferential Statistics5

Following can be substituted:

MATH&146 Introduction to Statistics5

WEB 110 Web Authoring I4

RELATED INSTRUCTION CREDITS 15

ELECTIVES

Total required elective credits: 5

Science Elective5

Following can be substituted: Humanities Elective5

TOTAL PROGRAM CREDITS 94

Web Design Certificate

PREREQUISITES

Prerequisites don't count toward credits required for this certificate.

ENGL& 101 English Composition5

ITC 102 Information Systems Concepts3

Following can be substituted: Final Exam Test-out

MATH 098 Intermediate Algebra5

MIC 120 Business Applications5

Following can be substituted:

Science and Math (SAM) Challenge

TECHNICAL SPECIALTY COURSES

ITC 197 Work Experience Computer Information Technology5

Credit range: 1-5

Total ITC 197 credits required: 1

ITC 220 Database Development5

ITC 240 Web Application 15

WEB 105 Working On A Web Project3

WEB 110 Web Authoring I4

WEB 112 Typography3

WEB 120 Web Authoring II4

WEB 130 Web Authoring III3

WEB 150 Introduction to JavaScript5

WEB 160 Writing for the Web2

WEB 170 Content Management Systems4

WEB 200 Theory of Web Design4

WEB 202 User Centered Web Design4

WEB 205 Web Career Strategies2

WEB 210 Advanced Web Design5

TECHNICAL SPECIALTY CREDITS 57

ELECTIVES

IT Electives5

RELATED INSTRUCTION

PHIL& 106 Introduction to Logic5

TOTAL PROGRAM CREDITS 86

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

Completion of Certificate Requirements: 66 credits

TECHNICAL SPECIALTY COURSES

ITC 197 Work Experience Computer Information Technology5

Credit range: 1-5

Total ITC 197 credits required: 1

ITC 220 Database Development5

ITC 240 Web Application 15

ITC 285 Capstone Project Class5

WEB 105 Working On A Web Project3

WEB 110 Web Authoring I4

WEB 112 Typography3

WEB 120 Web Authoring II4

WEB 130 Web Authoring III3

WEB 150 Introduction to JavaScript5

WEB 160 Writing for the Web2

WEB 170 Content Management Systems4

WEB 200 Theory of Web Design4

WEB 202 User Centered Web Design4

WEB 205 Web Career Strategies2

WEB 210 Advanced Web Design5

TECHNICAL SPECIALTY CREDITS 63

RELATED INSTRUCTION

BUS 240	Internet Law	5
ENGL& 101	English Composition	5
HUM 105	Interculture Communication	5
MATH& 136	Inferential Statistics	5

RELATED INSTRUCTION CREDITS	20
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ELECTIVES

Natural World, the	5
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Following can be substituted:

Individual, Cultures and Societies

TOTAL PROGRAM CREDITS	96
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Web Development Certificate**PREREQUISITES**

Prerequisites don't count toward credits required for this certificate.

ENGL 106	Technical Writing	3
ITC 102	Information Systems Concepts	3

Following can be substituted: Final Exam Test-out

MATH 119	Mathematics Behind Information Technology	3
BTM 111	Business Applications I	5

Following can be substituted:

Science and Math (SAM) Challenge

WEB 110	Web Authoring I	4
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TECHNICAL SPECIALTY COURSES

CSC 142	Computer Programming I	5
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Following can be substituted:

ITC 115	Object Orientated Programming	5
ITC 110	Programming Fundamentals	5
ITC 136	Intro to UNIX	5
ITC 172	NET Web Programming	5
ITC 210	Advanced Web Development	5
ITC 220	Database Development	5
ITC 240	Web Application 1	5
ITC 250	Web Application 2	5
ITC 260	Web Application 3	5
ITC 298	Special Topics	5
WEB 105	Working on a Web Project	3
WEB 120	Web Authoring II	4
WEB 150	Introduction to JavaScript	5
WEB 205	Web Career Strategies	2

TECHNICAL SPECIALTY CREDITS	58
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ELECTIVES

Restrictive IT Elective	10
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TOTAL PROGRAM CREDITS	68
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Web Development Associate of Applied Science - T Degree (A.A.S.-T)

Completion of Certificate Requirements: 68 credits

TECHNICAL SPECIALTY COURSES

CSC 142	Computer Programming I	5
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Following can be substituted:

ITC 115	Object Orientated Programming	5
ITC 110	Programming Fundamentals	5
ITC 136	Intro to UNIX	5
ITC 172	NET Web Programming	5
ITC 210	Advanced Web Development	5
ITC 220	Database Development	5
ITC 240	Web Application 1	5
ITC 250	Web Application 2	5
ITC 260	Web Application 3	5
ITC 285	Capstone Project Class	5
ITC 298	Special Topics	5
WEB 105	Working on a Web Project	3
WEB 120	Web Authoring II	4
WEB 150	Introduction to JavaScript	5
WEB 205	Web Career Strategies	2
IT Electives	5	

TECHNICAL SPECIALTY CREDITS	74
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RELATED INSTRUCTION

BUS 240	Internet Law	5
ENGL& 101	English Composition	5
HUM 105	Interculture Communication	5
MATH& 136	Inferential Statistics	5

RELATED INSTRUCTION CREDITS	20
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TOTAL PROGRAM CREDITS	93
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Maritime**Seattle Maritime Academy**

4455 Shilshole Ave NW, Seattle, WA 98107
(206) 934-2647

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

SMA offers the Marine Deck Technology curriculum as a 63-64 credit program, culminating in a certificate in Marine Deck Technology. Each graduate who successfully completes the program receives eight months of sea service credit toward

a license as Master of Inland Steam or Motor Vessels of Not More Than 100 Gross Tons, or eight months of sea service credit toward a license as Mate of Near Coastal Steam or Motor Vessels of Not More Than 200 Gross Tons. This sea service credit is two-thirds of the total required sea service for the license. On completion, the student also receives eight months of sea service credit toward an Able Seaman-Special endorsement or one-third of the required sea service credit for any other Able Seaman endorsement. Combining the eight months of sea service from the academic program with the two months of actual sea service on SMA's training vessels and the internship gives each graduate 10 months of sea service toward AB-Special. Graduates satisfy both the written and practical examination requirements for both the Able Seaman and the Lifeboatman endorsements. The MDT certificate program also qualifies each graduate for an STCW "ratings forming part of a navigational watch" endorsement.

Marine Deck Technology Certificate

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

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 and Navigation.	3
MGO	124	Basic Vessel Handling.	2
MGO	133	Seamanship Practicum	6
MGO	137	Electronic Navigation AIDS.	2
MGO	140	Nautical Rules of the Road	3
MGO	166	Navigation Practicum	6
MGO	200	At Sea Internship	5
		Credit range: 4-5	
		Total MGO 200 credits required: 4-5	
MTS	201	Naval Architecture.	2
MTS	202	Stability.	2
MTS	210	Marine Meteorology	2
MTS	223	Advanced Piloting and Navigation	3
MTS	284	Shipboard Pollution Prevention.	2
MTS	294	License Seminar.	2
		Optional Course	

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
MGO	105	Leadership and Management	3
MGO	119	Marine Mathematics.	3
TOTAL PROGRAM CREDITS			61-64

Marine Engineering Technology Certificate

TECHNICAL SPECIALTY COURSES

MGO	101	Principles of Marine Mechanics	2
MGO	103	Survival Craft	3
		Optional course	
MGO	111	Seamanship.	3
MGO	113	Marine Safety.	3
MGO	127	Fundamentals of Marine Electricity.	4
MGO	147	Marine Engineering Practicum	6
MGO	177	Advanced Engineering Practicum	6
MGO	200	At Sea Internship	5
MTS	212	Auxiliary Machinery and Ship Design.	4
MTS	217	Diesel Engine Maintenance and Operation	4
MTS	221	Applied Marine Electricity	4
MTS	228	Marine Hydraulics.	5
MTS	233	Marine Refrigeration	5
MTS	257	Advanced 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 and Management	3
MGO	119	Marine Mathematics.	3

TOTAL PROGRAM CREDITS			73-77
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Nursing

Health & Human Services Division
(206) 934-4123

Associate Degree in Nursing Direct Transfer Agreement/Major Ready Pathway (ADN DTA/MRP)

The Associate Degree Nursing Program (ADN) offers an Associate In Nursing Direct Transfer Degree/Major Related Program (ADN DTA/MRP) with a two-year curriculum designed to prepare registered nurses for the workforce. The program includes nursing lab, skills theory, clinical practice and general education courses.

New students are accepted into the six-quarter program each fall and winter. Students are accepted on a first-come, first-served basis, after completion of all admission requirements. Applications are accepted in April and September. Opening dates and times will be posted before each application period.

Prepares students to take the National Council of State Boards of Nursing Examination (NCLEX - RN) and apply for a license as a registered nurse in Washington State.

PREREQUISITES

The 45 credits of Program Prerequisites listed below are included in the total credits required for the program.

BIOL& 160	General Biology W/ Lab	5
BIOL& 241	Human Anatomy and Physiology 1	5
BIOL& 242	Human Anatomy and Physiology 2	5
BIOL& 260	Microbiology	5
CHEM&121	Intro to Chemistry	5
ENGL& 101	English Composition	5
MATH& 146	Introduction to Statistics	5
PSYC& 100	General Psychology	5
PSYC& 200	Lifespan Psychology	5

COREQUISITE COURSES

Students are required to take the following general education requirements prior to graduation from the nursing program.

These may be taken before entering the nursing program (preferred) or during the nursing program.

ENGL& 102	Composition II	5
HUM 105	Interculture Communication	5
Humanities Electives	. . . . .	5

See Advising for list of approved courses

TECHNICAL SPECIALTY COURSES

NURS 204	Medical-Surgical Nursing III	5
NURS 225	Maternal Practice	1
NURS 101	Fundamentals of Nursing	4
NURS 102	Medical-Surgical Nursing I	3
NURS 103	Medical-Surgical Nursing II	3
NURS 111	Skills Lab I	2
NURS 112	Nursing Practice I	3
NURS 113	Skills Lab II	1
NURS 121	Nursing Practice	3
NURS 123	Nursing Practice II	4
NURS 132	Behavioral Health Nursing	3
NURS 142	Behavioral Health Practice	3
NURS 205	Medical-Surgical Nursing IV	4
NURS 206	Health Promotion and Managing Care in Nursing	3
NURS 214	Nursing Practice III	3
NURS 215	Maternal Nursing	3
NURS 216	Nursing Practice IV	5
NURS 224	Pediatric Nursing	3
NURS 226	Transitions to Professional Nursing Role	3
NURS 234	Pediatric Practice	1
NUTR& 101	Nutrition	5
PHIL 131	Ethics and Policy in Healthcare I	1
PHIL 132	Ethics and Policy in Healthcare II	2
PHIL 230	Ethics and Policy in Healthcare III	2
PSYC 132	Psychosocial Issues in Healthcare I	2
PSYC 231	Psychosocial Issues in Healthcare II	2
PSYC 232	Psychosocial Issues in Healthcare III	1
TOTAL PROGRAM CREDITS		135

Nursing Assistant Short-Term Certificate

This course provides instruction and hands on experience in basic nursing care skills including First Aid, CPR, and HIV/AIDS and supervised clinical training in a long-term care facility. Instruction will also be provided in student success and career transition skills. After successful completion of the Nursing Assistant Program, students are eligible to sit for the State of Washington NAC exam for certification as a Nurse Assistant.

TECHNICAL SPECIALTY COURSES

AHE 111	Nursing Assistant Certified	12
TOTAL PROGRAM CREDITS		12

Parent Education**Child and Family Education Division
(206) 934-6906**

Seattle Central College offers parent education programs during fall, winter and spring quarters. In addition to the on-campus Parent/Child Center classes for infants and toddlers, there are numerous off-campus parent-operated cooperatives in the Seattle area for preschool children and their parents.

On campus, parents and their children attend a weekly two-hour class which offers children the opportunity to learn and grow through music and song, art, physical activities and numerous hands-on play and exploration materials.

Parents increase their skills and knowledge by sharing their experiences and learning from each other, enabling parents to gain confidence in themselves and their abilities to set reasonable guidelines and expectations.

Opticianry (School of)**(206) 934-4321**

This two-year program provides an Associate of Applied Science (A.A.S.) degree in dispensing opticianry and is nationally accredited by the Commission on Opticianry Accreditation (COA). According to the Washington State Administrative Code and licensing guidelines: "The ophthalmic dispenser (dispensing optician) prepares duplications of and dispenses lenses, spectacles, eyeglasses, and/or appurtenances for intended wearers on written prescriptions from physicians or optometrists; and in accordance with such prescriptions, the dispenser measures, adapts, adjusts and fabricates such lenses, spectacles, eyeglasses and/or appurtenances to the human face for the aid or correction of visual or ocular anomalies of the human eye." Students learn to help patients choose correct frames for their face and prescriptions and make sure that the lenses are individually appropriate, and learn to fit contact lenses. Business/administrative functions include record maintenance, purchasing, maintenance of supplies and equipment. Graduates must pass a state licensing exam and have four hours of HIV/AIDS education to practice in this field. Students may enter during Fall and Winter Quarters only. For more information contact the division office.

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

PREREQUISITES

Eligibility for the following:

ENGL& 101	English Composition	5
MATH 110	Applied Math for Technicians	3

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 and Physiology	3
OPH 106	Contact Lens Tech I.	3
OPH 107	Ophthalmic Dispensing I	3
OPH 108	Ophthalmic Dispensing II.	3
OPH 110	Optical Laboratory Technology I	2
OPH 111	Optical Laboratory Technology II	2
OPH 112	Optical Lab Tech III	2
OPH 113	Finishing I	2
OPH 197	Work Exp	3
Credit range: 2-5; Total required credits: 3		
OPH 198	Ophthalmic Dispensing	3
Credit range: 2-5; Total required credits: 3		
OPH 199	Ophthalmic Dispensing	3
Credit range: 2-5; Total required credits: 3		
OPH 203	Contact Lenses II	3
OPH 204	Contact Lenses Tech III	3
OPH 205	Contact Lens IV	2
OPH 211	Finishing II	2
OPH 212	Finishing III	2
OPH 215	Benchwork Equipment and Techniques	3
OPH 295	Ophthalmic Dispensing Bus.	1
OPH 296	Ophthalmic Disp Bus	1
OPH 297	Ophthalmic Disp Bus	1
OPH 299	Comprehensive	7

RELATED INSTRUCTION

AHE 165	Medical Terminology I	3
BUS& 101	Introduction to Business	5

Following can be substituted:

BUS 185	Small Business Management.	5
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-OR-

BUS 103	Personnel Management.	3
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CMST& 101	Introduction to Communication	5
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Following can be substituted:

HUM 105	Interculture Communication	5
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ENGL& 101	English Composition	5
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MATH 110	Applied Math for Technicians	3
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MIC 101	Introduction to Microcomputer Applications.	4
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PSYC& 100	General Psychology.	5
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Following can be substituted:

PSYC& 200	Developmental Psychology.	5
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-OR-

PSYC 240	Psychology of Human Relations	3
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TOTAL PROGRAM 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.

Social & Human Services

Social & Human Services & Child & Family Studies (206) 934-6900

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

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

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

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

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

PREREQUISITES

Eligibility for the following:

ENGL& 101	English Composition	5
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MATH 084	Algebra I	5
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HUMAN SERVICES CORE

SHS 100	Introduction to Human Services	5
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SHS 103	Social Welfare Policy.	5
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SHS 106	Principles of Interviewing and Counseling	5
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SHS 108	Group Dynamics & Counseling.	5
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SHS 197	Field Placement: Social and Human Services	3
		Credit range: 2-5; Total required credits: 3

SHS 198	Field Placement: Social and Human Services	5
		Credit range: 2-5; Total required credits: 3

SHS 199	Field Placement: Social and Human Services	5
		Credit range: 2-5; Total required credits: 4

SHS 210	Intro to Diversity in Human Services Practice.	3
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HUMAN SERVICES SPECIALIZATIONS

Select 30 credits from the following classes:

SHS 120	Introduction to Disabilities Study and Practice	3
SHS 150	HIV/AIDS Brief Risk Intervention	1
SHS 200	Theories of Counseling	4
SHS 205	Crisis Intervention and Management	3
SHS 207	Behavior Management	3
SHS 210	Intro to Diversity in Human Services Practice	3
SHS 215	Adolescent Development and Treatment	5
SHS 222	Conflict Management	3
SHS 223	Multicultural Counseling Gay Lesbian Bisexual Tr.	1
SHS 224	Leadership Theory and Skills	3
SHS 225	Relapse Prevention	1
SHS 226	Adolescent Assessment	1
SHS 230	Suicide Risk Assessment	3
SHS 231	Pharmacology of Addictions	5
SHS 232	Chemical Dependency and the Family	3
SHS 233	Chemical Dependency Counseling	5
SHS 235	Introduction to Chemical Dependency	5
SHS 242	Mental Health Diagnosis in Chemical Dependency	5
SHS 245	Mental Health Overview	3
SHS 250	Client and Community Advocacy	4
SHS 255	Co-Occurring Disorders Treatment Issues and Services	5
SHS 265	Management and Supervision	5
SHS 270	Ethics in Human Services and Chemical Dependency	5
SHS 275	Chemical Dependency and Domestic Violence	3
SHS 280	Chemical Dependency Case Management	3
SHS 296	Special Topics	1
Maximum of 8 credits applied towards degree		
SHS 297	Special Topics	2
Maximum of 8 credits applied towards degree		
SHS 298	Special Topics	5
Maximum of 8 credits applied towards degree		
SHS 299	Independent Study or Research	5
Maximum of 8 Credits applied towards degree		
Credit range: 1-5; Total required credits: 1-5		

RELATED INSTRUCTION

CMST& 101	Introduction to Communication	5
ENGL& 101	English Composition	5
ENGL& 102	Composition II	5
MATH 087	Foundations of Algebra	5

Following can be substituted:

MATH 091	Descriptive Statistics Algebra I	
MIC 101	Introduction to Microcomputer Applications	4
PSYC& 100	General Psychology	5
SOC& 101	Introduction to Sociology	5

TOTAL PROGRAM CREDITS 90

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.

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

PREREQUISITES

Eligibility for the following:

ENGL& 101	English Composition	5
MATH 084	Algebra I	5

HUMAN SERVICES CORE

SHS 100	Introduction to Human Services	5
SHS 103	Social Welfare Policy	5
SHS 106	Principles of Interviewing and Counseling	5
SHS 108	Group Dynamics & Counseling	5
SHS 197	Field Placement: Social and Human Services	3
SHS 198	Field Placement: Social and Human Services	5
SHS 199	Field Placement: Social and Human Services	5
SHS 210	Intro to Diversity in Human Services Practice	3

HUMAN SERVICES SPECIALIZATIONS

SHS 120	Introduction to Disabilities Study and Practice	3
SHS 150	HIV/AIDS Brief Risk Intervention	1
SHS 200	Theories of Counseling	4
SHS 205	Crisis Intervention and Management	3
SHS 207	Behavior Management	3
SHS 215	Adolescent Development and Treatment	5
SHS 222	Conflict Management	3
SHS 223	Multicultural Counseling Gay Lesbian Bisexual Tr.	1
SHS 224	Leadership Theory and Skills	3
SHS 225	Relapse Prevention	1
SHS 226	Adolescent Assessment	1
SHS 230	Suicide Risk Assessment	3
SHS 231	Pharmacology of Addictions	5
SHS 232	Chemical Dependency and the Family	3
SHS 233	Chemical Dependency Counseling	5
SHS 235	Introduction to Chemical Dependency	5
SHS 242	Mental Health Diagnosis in Chemical Dependency	5
SHS 245	Mental Health Overview	3
SHS 250	Client and Community Advocacy	4
SHS 255	Co-Occurring Disorders Treatment Issues and Svcs	5
SHS 265	Management and Supervision	5
SHS 270	Ethics in Human Services and Chemical Dependency	5
SHS 275	Chemical Dependency and Domestic Violence	3
SHS 280	Chemical Dependency Case Management	3
SHS 296	Special Topics	1
Maximum of 8 credits applied towards degree		

SHS 297	Special Topics	2
	Maximum of 8 credits applied towards degree	
SHS 298	Special Topics	5
	Maximum of 8 credits applied towards degree	
SHS 299	Independent Study or Research	5
	Maximum of 8 credits applied towards degree	
	Credit range: 1-5; Total required credits: 1-5	

RELATED INSTRUCTION

College-level MATH with MATH 098 (or equivalent) prerequisite

CMST& 101	Introduction to Communication	5
ENGL& 101	English Composition	5
ENGL& 102	Composition II	5
MIC 101	Introduction to Microcomputer Applications.	4
PSYC& 100	General Psychology.	5
SOC& 101	Introduction to Sociology.	5
	Humanities Electives	5

Following can be substituted: Lab Science

TOTAL PROGRAM CREDITS	100
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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.

Surgical Technology

Allied Health, Business, Languages & Cultures Division
(206) 934-4347

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

Instruction covers the basic sciences, anatomy and physiology, medical terminology, surgical functions in the operating room, surgical instrumentation and equipment, and aseptic techniques. The program is nationally accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Clinical practice takes place in various health care facilities throughout Washington state. Graduation requirements include a minimum 2.0 GPA in each surgical technology course and related instruction and must be completed in the designated quarter to proceed to the next quarter. Entry is during the Fall Quarter only. Surgical Technology also offers a short-term certificate: Central Supply Instrument Technician.

Surgical Technology Certificate

PROGRAM ENTRANCE REQUIREMENTS

High School Diploma or GED equivalent in the U.S.
Eligibility for MATH 085

All prerequisites must be completed with a 2.5 GPA for each course before a student can enter the program or be placed on the waiting list. Entrance into the program or waiting list is on a first come first served basis.

PREREQUISITES

Total Prerequisite Credits: 20

AHE 168	Medical Terminology	5
	Students intending on earning the A.A.S. Degree must take AHE 168.	
BIOL 128	Survey of Human Anatomy & Physiology	5
ENGL& 101	English Composition	5
PHYS& 100	Physics for Non-Science Majors	5

Following can be substituted:

PHYS &200	Lifespan Psychology	
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TECHNICAL SPECIALTY COURSES

AHE 126	Essential Skills in Healthcare.	2
AHE 140	Central Supply/Instrument Technician	10
SURG 111	Surgical Lab.	6
SURG 113	Theory I	10
SURG 115	Clinical Orientation	2
SURG 121	Surgical Specialty/Professional PREP.	6
SURG 123	Surgical Theory II	9
SURG 125	Clinical Practice I	4
SURG 133	Surgical Theory III	10
SURG 135	Clinical Practice II	12

TOTAL PROGRAM CREDITS	86
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Associate of Applied Science - T Degree (A.A.S.-T)

PROGRAM ENTRANCE REQUIREMENTS

High School Diploma or GED equivalent in the U.S.
Eligibility for Math 085

All prerequisites must be completed with a 2.5 GPA for each course before a student can enter the program or be placed on the waiting list. Entrance into the program or waiting list is on a first come first served basis.

PREREQUISITES

Total Prerequisites Credits: 30

AHE 168	Medical Terminology	5
BIOL 128	Survey of Human Anatomy & Physiology	5
ENGL& 101	English Composition	5
HUM 105	Interculture Communication.	5
MATH& 146	Introduction to Statistics	5
PHYS& 100	Physics for Non-Science Majors	5

Following can be substituted:

PHYS&200	Lifespan Psychology	
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TECHNICAL SPECIALTY COURSES

AHE	126	Essential Skills in Healthcare.	2
AHE	140	Central Supply/Instrument Technician	10
SURG	111	Surgical Lab.	6
SURG	113	Surgical Theory I.	10
SURG	115	Clinical Orientation	2
SURG	121	Surgical Specialty/Professional PREP.	6
SURG	123	Surgical Theory II	9
SURG	125	Clinical Practice I	4
SURG	133	Surgical Theory III.	10
SURG	135	Clinical Practice II	12
TOTAL PROGRAM CREDITS			96

Wood Technology

2310 South Lane
(206) 934-5460

Cabinetmaking & Architectural Woodworking Associate of Applied Science Degree (A.A.S.)

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

TECHNICAL SPECIALTY COURSES

WCO	110	Introduction to Professional Woodworking.	18
WCO	150	Cabinetmaking & Fine Woodworking.	18
WCO	153	Basic Cabinetmaking Fundamentals.	18
WCO	155	Adv Cabinetmaking Architectural Woodworking Fund	18
WCO	157	Independent Capstone Project.	18

RELATED INSTRUCTION

ENGL	105	Applied Composition.	3
MATH	110	Applied Math for Technicians	3
MIC	103	Computer Applications for Builders.	3
PSYC	240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS			102

Cabinetmaking & Fine Woodworking Certificate

TECHNICAL SPECIALTY COURSES

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

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 & Marine Industrial First Aid	1
TOTAL PROGRAM 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 Associate of Applied Science (A.A.S.) degree. The carpentry one-quarter certificates can build to a full carpentry degree.

TECHNICAL SPECIALTY COURSES

WCO	110	Introduction to Professional Woodworking.	18
WCO	140	Carpentry.	18
		Concrete Forms & Footings, Floor Systems, & Job Safety	
WCO	140	Carpentry.	18
		General Frame Construction, Roof Framing, Staging, Working at Heights	
WCO	140	Carpentry.	18
		Finish work, Setting Windows & Doors, Machine Safety	
WCO	140	Carpentry.	18
		Selected Class Projects (Optional - Instructor permission required)	

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 & Marine Industrial First Aid	1
TOTAL PROGRAM CREDITS			85

Carpentry Fundamentals Short-Term Certificate

Teaches the fundamental knowledge and skills of residential carpentry. Topics cover: carpentry math, blueprint reading, building science, building site systems, foundation systems, and the selection and use of tools and material.

TECHNICAL SPECIALTY COURSES

WCO	142	Introduction to Carpentry and Blueprint Reading.	4
WCO	143	Building Site System Site Selection to Layout	5
WCO	144	Foundation System Forms to Concrete Finishes.	9

TOTAL PROGRAM CREDITS			18
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Finish Fundamentals Short-Term Certificate

Teaches basic Knowledge and skills for applying exterior and interior carpentry finishes. Topics cover: enclosure systems, siding, insulation, windows, drywall, trim work, and the selection and use of construction products and materials.

TECHNICAL SPECIALTY COURSES

WCO	148	Exterior Finishes Building Enclosure Finish Trim	.9
WCO	149	Interior Finishes Door Installation to Trim	.9
TOTAL PROGRAM CREDITS			18

Framing Fundamentals Short-Term Certificate

Teaches basic knowledge and skills for building framing systems. Topics cover: floor, ceiling, wall, roof, and stair system construction; building codes, best practices for improving a building's energy and resource efficiency; and the selection and use of construction products and material

TECHNICAL SPECIALTY COURSES

WCO	145	Framing Systems Floor to Ceiling	.9
WCO	146	Roof System Framing to Roofing Installation	.5
WCO	147	Stair System Rough Framing to Finished Stairwell	.4
TOTAL PROGRAM CREDITS			18

Marine Technology Certificate

The Marine Technology program at Seattle Central College will train students for a career in the boatbuilding and repair-refit industries. The program teaches entry-level skills in the building and repair of wood and fiberglass hull and vessel components, outboard and inboard engines, testing, maintaining, and repairing electrical systems, and the installation of marine pumps in new or retrofit vessels. Instruction also includes the techniques of working with fiberglass and related chemicals.

Students who complete the certificate program will have the option to complete an A.A.S. degree by completing an internship, taking marine electronics, marine welding, or advanced wooden boat joinery and repair.

TECHNICAL SPECIALTY COURSES

MRT	101	Introduction to Composite Boatbuilding	.14
MRT	102	Introduction to Marine Electrical Systems	.4
MRT	103	Wooden Boat Joinery and Repair	.10
MRT	104	Introduction to Marine Mechanical Systems	.8
MRT	105	Advanced Composites	.14
MRT	106	Marine Electrical II	.4
WCO	110	Introduction to Professional Woodworking	.18
TECHNICAL SPECIALTY CREDITS			72

RELATED INSTRUCTION

ENGL	105	Applied Composition	.3
MATH	110	Applied Math for Technicians	.3
MIC	103	Computer Applications for Builders	.3
<i>Following can be substituted:</i>			
MIC	203	Introduction to CAD	.3
PSYC	240	Psychology of Human Relations	.3
RELATED INSTRUCTION CREDITS			12
TOTAL PROGRAM CREDITS			84

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

The Marine Technology program at Seattle Central College will train students for a career in the boatbuilding and repair-refit industries. The program teaches entry-level skills in the building and repair of wood and fiberglass hull and vessel components, outboard and inboard engines, testing, maintaining, and repairing electrical systems, and the installation of marine pumps in new or retrofit vessels. Instruction also includes the techniques of working with fiberglass and related chemicals.

TECHNICAL SPECIALTY COURSES

MRT	101	Introduction to Composite Boatbuilding	.14
MRT	102	Introduction to Marine Electrical Systems	.4
MRT	103	Wooden Boat Joinery and Repair	.10
MRT	104	Introduction to Marine Mechanical Systems	.8
MRT	105	Advanced Composites	.14
MRT	106	Marine Electrical II	.4
WCO	110	Introduction to Professional Woodworking	.18
TECHNICAL SPECIALTY CREDITS			72

RELATED INSTRUCTION

ENGL	105	Applied Composition	.3
MATH	110	Applied Math for Technicians	.3
MIC	103	Computer Applications for Builders	.3
<i>Following can be substituted:</i>			
MIC	203	Introduction to CAD	.3
PSYC	240	Psychology of Human Relations	.3
RELATED INSTRUCTION CREDITS			12

ELECTIVES

Choose from one of the following courses:

MRT	107	Internship	.10
Credit range: 1-10; Total required credits: 7-10			
MRT	108	Advanced Wooden Boat Joinery and Repair	.18
Course Taken at Another College			
Marine Electronics - Skagit Valley College			.3
Course Taken at Another College			
Welding Intensive - South Seattle College			.32
ELECTIVE CREDITS			10
TOTAL PROGRAM CREDITS			94-116