SEATTLE CENTRAL COLLEGE
One of the Seattle Colleges

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, with 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 health care industry.

The college offers a range of programs, degrees, and certificates serving the career goals of students and the demands of employers in culinary arts, apparel design, information technology, maritime, health care, 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

As an open-access learning institution, Seattle Colleges prepares each student for success in life and work, fostering a diverse, engaged, and dynamic community.

Vision

Seattle Colleges is recognized as an exemplary learning institution that transforms lives, promotes equity, and enriches the community.

Core Themes

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

Facts at a Glance*

2017–2018 ANNUAL PROFILES

Annual attendance 2017–2018	16,699

Special Enrollments

Distance Education	9,009
Running Start	702
International Students	1,958
Worker Retraining	491

FALL 2017 PROFILES

Students **

Median age	25
Ethnic diversity	68%
Male/Female	40%/53%
With bachelor or higher degrees	10%
Employed	35%
full-time	17%
With dependents	15%
single parents	6%
Full-time/Part-time attendance	52%/48%

Programs

College Transfer	52%
Professional Technical	31%
Basic Skills, Pre-college, and Other	17%

Course Funding Sources

State-funded	62%
Contract-supported	27%
Student-supported	11%

* 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 South Lane, Seattle, WA 98144
(206) 934-5460
woodtech.seattlecentral.edu

The state-of-the-art Wood Technology Center has trained Northwest woodworkers since 1936. Programs include core training in safety, skills, tools, and materials, as well as specializations in cabinetmaking, fine woodworking, carpentry, marine technology, boatbuilding, 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
healthcare.seattlecentral.edu/health-education-center

Seattle Central's Health Education Center offers a variety of intensive, hands-on training programs that prepare students for successful health care careers. Occupying five floors of the historic Pacific Tower on Beacon Hill, the center contains facilities that include modern labs equipped the latest health care 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, Health Care 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 and 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, web-based resources, information about college majors and their relationships to careers, and a wide variety of career-related resources for students who are undecided about their majors and career paths. In addition, the center coordinates and delivers career-related presentations in classrooms and the community, and it 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; resume and cover letter critiques, mock interviews, employer fairs, access to computers for job searches, and resume 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, 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 is needed 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 that help students develop critical thinking skills, set academic goals, engage in lifelong learning, develop skills for employment, maintain personal wellness, and 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 it 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 ongoing 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 campuswide 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 10th 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 ID 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 or 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
Monday through Friday, 9 a.m. to 6 p.m.

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 third 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 either be first generation or low income or have a documented disability. 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 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 Central or how to qualify for a 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.

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 nontraditional 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 and 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 a.m. to 3:30 p.m., Monday through Friday
5 to 7 p.m., Tuesday and Wednesday

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 multi-cultural 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 buyback service year-round, with a special buyback for students with proper ID during final exam week 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.

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.

Erickson Theatre

1524 Harvard Ave, (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 a.m. to 6 p.m. Monday through Thursday and until 2:30 p.m. Friday. The Atrium features a variety of cafeteria-style food, including a breakfast menu, burgers, pizza, beverages, healthy salads, sandwiches, Grab 'n Go items, and prepackaged 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 a.m. to 6 p.m. Monday through Thursday and until 2:30 p.m. Friday.

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 a.m. to 3:30 p.m. Tuesday through Friday.

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 a.m. to 12:45 p.m.

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

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

For 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 farmlands. The menu changes daily. The small-plates buffet is open Tuesday through Thursday from 11:15 a.m. to 1 p.m. 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, 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 safe, please call Public Safety at (206) 934-5442.

- For on-campus security and safety concerns, call Public Safety at (206) 934-5442 or stop by Room BE 1108.

Recreation & Fitness

Charles H. Mitchell Student Activity Center (MAC)

(206) 934-6315
seattlecentral.edu/wp/mac
7 a.m. to 8 p.m. Monday through Friday, 10 a.m. to 4 p.m. Saturday and Sunday

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, a weight room, pool and ping-pong tables, cardiovascular workout equipment, and 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 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, poetry nights, 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 p.m. 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.

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 extracurricular 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
BE 1143
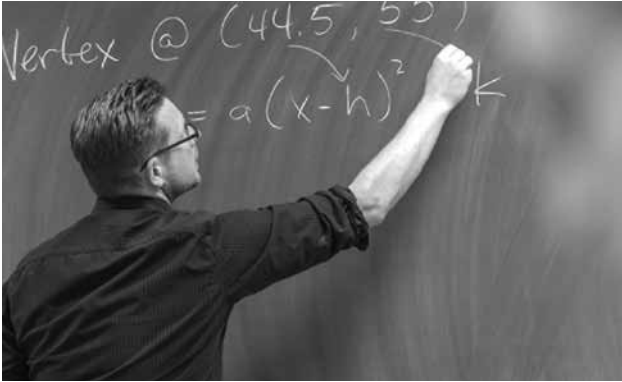**(206) 934-6932 (Parking)**
seattlecentral.edu/transportation

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, and 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. Thirty days before the quarter starts, individual permits may be purchased online at seattlecolleges.edu/parkingpermits.

Programs of Study at Central

General Education Definition and Rationale

See page 4.

General Education

Learning Outcomes

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

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

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

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

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

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

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

CONNECT: Apply knowledge and skills to solve problems

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

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

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

Associate of Arts Degree

Learning Outcomes

- Communication (Reading, Oral or Signed, Written, Other Forms of Expression)
- Explain meaning of written work, presentations, arts, and media in different contexts and present oral, signed, written, or other forms of expression to increase knowledge, foster understanding, or promote change in an audience.
- Critical Thinking, Inquiry and Analysis, and Problem-Solving
- Explore issues, ideas, phenomena, and artifacts to define and articulate problems or to formulate hypotheses. Analyze evidence to formulate an opinion, identify strategies, develop and implement solutions, evaluate outcomes, and/or draw conclusions.
- Global Learning and Intercultural Knowledge and Competence
- Critically analyze complex, interdependent national and global systems, and their legacies and implications, regarding the distribution of power. Reflect on how one's position in these systems affects both local and global communities. Apply a set of cognitive, affective, and behavioral skills that support effective and appropriate interaction in a variety of cultural contexts.
- Quantitative Literacy
- Reason and solve quantitative problems in a wide array of contexts and use quantitative evidence to develop and communicate sound arguments.
- Creative Thinking

- Synthesize existing ideas, images, or expertise in original ways.
- Information Literacy
- Identify, locate, and evaluate needed information in a complex and changing environment. Effectively and responsibly use that information to develop ideas, address issues, and solve problems.
- Technology Literacy
- Effectively and critically evaluate, navigate, and use a range of digital technologies.
- Integrative Learning
- Connect disciplinary and divergent ideas across contexts by synthesizing and transferring integrative learning principles to complex situations within and/or beyond the classroom.
- Collaboration
- Work effectively with others to learn, complete tasks, and pursue common goals that shape, influence, and benefit the individual and/or society.
- Ethical Reasoning
- Examine, assess, and articulate core beliefs and values, and apply that knowledge to analyze and evaluate complex ethical situations from various perspectives.
- Civic Engagement
- Promote the quality of life in the civic community through actions that enrich individual life and benefit the community.
- Foundations and Skills for Lifelong Learning

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

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.

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

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

Associate of Arts Degree (A.A.)

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

Special Emphasis Areas in Academic Programs

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.), Associate of Science (A.S.), or Associate of Business (A.B.) degree. Students can earn an emphasis in conjunction with a transfer degree without taking additional credits. Students can also earn an emphasis while earning a dual degree for an A.A. and A.A.S.-T. in Allied Health: Generalist. No additional credits are required for the dual degree or emphasis. The dual degree can be used as a pathway to the Community Health & Education and Health Care Services Management Bachelor of Applied Science (B.A.S.) in Allied Health programs. Advising worksheets are available as planning tools for students to earn an emphasis in their degree. Please see Advising for more information.

Emphasis in Equity and Social Justice

The Equity and Social Justice emphasis can be completed with either the A.A. or A.S. transfer degree and focuses on understanding social movements in society while helping build critical reasoning and analytical skills. It prepares students to work or study in a variety of local or international fields dedicated to diversity, equity, and social change.

Emphasis in Global Health

The Global Health emphasis can be completed within either the A.A. or A.S. transfer degree 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 degree 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.

Dual Degree Pathways

Seattle Central College offers dual degree pathways so that students can earn two degrees at the same time without taking extra credits. Students can earn an Associate of Arts (A.A.-DTA) and Associate of Applied Science (A.A.S.-T) in Allied Health at the same time by earning 90 credits. Pathways can also include a degree emphasis in Global Health or Equity and Social Justice.

These degree pathways can lead to the Community Health & Education and Health Care Services Management Bachelor of Applied Science (B.A.S.) in Allied Health programs. Contact AlliedHealthBAS@seattlecolleges.edu for more information about the B.A.S. program.

- **A.A.-DTA & A.A.S.-T in Allied Health: Generalist**
  seattlecentral.edu/pdf-library/dual-degrees/
  AA-DTA-allied-health-dual-degree-pathway.pdf

- **A.A.-DTA: Global Health Emphasis and A.A.S.-T in Allied Health: Generalist**
  seattlecentral.edu/pdf-library/dual-degrees/
  global-health-dual-degree.pdf

- **A.A.-DTA: Equity and Social Justice Emphasis and A.A.S.-T in Allied Health: Generalist**
  seattlecentral.edu/pdf-library/dual-degrees/
  equity-and-social-justice-dual-degree.pdf

- **A.A.-DTA & A.A.S.-T in Allied Health Pre-Physician Assistant Preparation Pathway**
  seattlecentral.edu/pdf-library/dual-degrees/
  prepa-prep-pathway-dual-degree.pdf

Student Steps to Complete a Dual Degree:

1. Complete the standard procedure for admission to the college and declare your intent to the college to be an A.A.-DTA student.

2. Advisors are available to help you register and plan classes.

3. Earn the Care Navigation and Coordination certificate for A.A.-DTA and A.A.S.-T in Allied Health: Generalist dual degrees OR Earn the Nursing Assistant – Certified certificate for the A.A.-DTA and A.A.S.-T in Allied Health Pre-Physician Assistant Preparation Pathway.

4. Apply to the A.A.S.-T in Allied Health: Generalist program. https://healthcare.seattlecentral.edu/programs/allied-health/getstarted

5. Submit the A.A.-DTA Application for Graduation and the A.A.S.-T in Allied Health: Generalist Application for Graduation (available in Registration) one quarter prior to anticipated graduation date. https://seattlecentral.edu/enrollment-andfunding/enrollment-and-admissions/registration/graduation/forms

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 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 college awarding the degree.

Associate in Business – Direct Transfer Agreement (A.B.-DTA)

The Associate in Business (A.B.) is a transfer degree for students planning to transfer to a four-year college or university and major in Accounting, Business Administration, Marketing, or a related major.

The A.B. transfer degree is 90 college-level credits, and students will complete their prerequisite courses as part of this transfer degree. Students are strongly encouraged to meet with an advisor to discuss specific career goals and recommended coursework.

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 its 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.

BASIC REQUIREMENTS

ENGL& 101　English Composition 5
ENGL& 102　Composition II 5
MATH　 116　Applications of Math: Management, Life
　　　　　　　& Social Sciences. 5
　　　　The following MATH courses are taken together.
　　　　Minimum 10 credits in MATH is required.
　　　　MATH 116 and MATH&148
　　　　-OR- MATH&141, MATH&142, and MATH&151
　　　　This course meets the quantitative/symbolic
　　　　reasoning requirement.
MATH& 141　Precalculus I 5
　　　　The following MATH courses are taken together.
　　　　Minimum 10 credits in MATH is required.
　　　　MATH 116 and MATH&148
　　　　-OR- MATH&141, MATH&142, and MATH&151
　　　　This course meets the quantitative/symbolic
　　　　reasoning requirement.
MATH& 142　Precalculus II 5
　　　　The following MATH courses are taken together.
　　　　Minimum 10 credits in MATH is required.
　　　　MATH 116 and MATH&148
　　　　-OR- MATH&141, MATH&142, and MATH&151
　　　　This course meets the quantitative/symbolic
　　　　reasoning requirement.
MATH& 148　Business Calculus 5
　　　　The following MATH courses are taken together.
　　　　Minimum 10 credits in MATH is required.
　　　　MATH 116 and MATH&148
　　　　-OR- MATH&141, MATH&142, and MATH&151
　　　　This course meets the quantitative/symbolic
　　　　reasoning requirement.
MATH& 151　Calculus I. 5
　　　　The following MATH courses are taken together.
　　　　Minimum 10 credits in MATH is required.
　　　　MATH 116 and MATH&148
　　　　-OR- MATH&141, MATH&142, and MATH&151
　　　　This course meets the quantitative/symbolic
　　　　reasoning requirement.

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

AREAS OF KNOWLEDGE DISTRIBUTION REQUIREMENTS

Total of 15 credits for each of the three areas of knowledge is required.
 - Visual, Literary, and Performing Arts
 - Individuals, Cultures, and Societies
 - Natural World

One course taken should also be able to fulfill the U.S. Cultures special requirement.

ECON& 201　Micro Economics. 5
　　　　Credits from this class applied toward the 15 credits
　　　　required for Individuals, Cultures, and Societies.
ECON& 202　Macro Economics 5
　　　　Credits from this class applied toward the 15 credits
　　　　required for Individuals, Cultures, and Societies.
MATH& 146　Introduction to Statistics 5
　　　　Following can be substituted:
　　　　BUS 210 – Bus & Econ Statistic 5
　　　　Credits from this class applied toward the 15 credits
　　　　required for Natural World
Visual, Literary, and Performing Arts 15
　　　　Minimum of two different subjects.
Individual, Cultures, and Societies. 5
　　　　Select course with a non-ECON prefix from
　　　　the list from approved courses.
The Natural World 5
　　　　Minimum of two different subjects.
Natural World – Lab Science .5
　　　　Minimum of two different subjects.

ELECTIVES

Elective　5
　　　　Only necessary to meet the 90 credit minimum.
　　　　Course taken should also be able to fulfill the
　　　　U.S. Cultures special requirement if it is not met
　　　　by course taken under areas of knowledge.

Note: While many Washington state universities accept transfer of this degree, each has individual requirements and/or acceptable course substitutions needed for its 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 Services.

Engineering

Science, Technology, Engineering, and Math (STEM) Division

The Associate of Science degree: Option 2 is intended for students planning to transfer to a four-year college or university and major in engineering, computer science, physics, or atmospheric science.

Students complete 90 credits, including many of the laboratory and prerequisite courses for their major prior to transferring. Students are strongly encouraged to meet with an advisor to discuss specific career goals and recommended coursework.

Associate of Science (A.S.) Degree

BASIC REQUIREMENTS – ENGLISH

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

BASIC REQUIREMENTS – MATHEMATICS

Choose 5 credits from the following courses:

MATH 116 Applications of Math: Management, Life &
Social Sciences 5
MATH& 141 Precalculus I 5
MATH& 142 Precalculus II 5
MATH& 148 Business Calculus 5
MATH& 151 Calculus I. 5
MATH& 152 Calculus II 5
MATH 220 Q – Linear Algebra. 5
MATH 224 Q – Vector Calculus. 5

BASIC REQUIREMENTS – COMPUTER SCIENCE

Choose 5 credits from the following courses:

CSC 110 Introduction to Computer Programming. 5
CSC 111 Computers for Math and Science 5
CSC 142 Computer Programming I. 5
CSC 143 Computer Programming II 5
ENGR 142 Computer Programming. 5

AREAS OF KNOWLEDGE DISTRIBUTION REQUIREMENTS

See advisor for list of approved courses or use links below.

Visual, Literary, and Performing Arts 5

Courses in this area include languages, literature,
art, music, drama, and communication. Choices must
include a minimum of two different course prefixes,
and no more than 5 credits each of a world language
at the 100 level and a studio/performance class may
be applied to the distribution requirements.

Individual, Cultures, and Societies. 5

Courses in this area include social sciences, such as
anthropology, psychology, and sociology, as well as
areas of study like history, philosophy, and ethnic and
gender studies. Choices must include a minimum of
two different course prefixes.

PRE-MAJOR REQUIREMENTS

Course selection should be in compliance with major
requirements as indicated by the four-year institution to
which the student is planning to transfer. See an advisor
or counselor prior to beginning your program of study.

The Natural World 5

Courses in this area include physical and life
sciences and certain mathematics, computer
science, and social science courses. Choices
must include a minimum of two different prefixes;
9 credits must be in a lab science.

ELECTIVES

See advisor for list of approved courses.

Elective 5

2 Professional & Technical Programs

See page 71 for details about Central's programs.

3 Bachelor's Degrees

Seattlecolleges.edu/bachelors

Seattle Central College offers six Bachelor of Applied Science
degree programs: Applied Behavioral Science, Community
Health & Education (including a pre-Physician Assistant option),
Dental Hygiene, Health Care Services Management, IT –
Networking, and Respiratory Care. B.A.S. degrees build on
approved associate degrees and workplace skills in specific
career areas. When compared with 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 .*

Community Health and Education: B.A.S. in Allied Health

**Health Care and Human Services Division
(206) 934-4347**

Developed for health care professionals with associate
degrees, this program can be a great next step. This degree
helps 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

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

PREREQUISITES

- An allied health background, demonstrated in one of the following ways:
  - A certificate of at least 10 credits in an allied health field from a regionally accredited institution
  - An A.A.S.-T/A.A.S. degree in an allied health field from a regionally accredited institution
  - A state-issued credential in an allied health field
  - At least one year of full-time health care work experience (or the equivalent) within the past five years
- An associate degree from a regionally accredited college or university with at least a 2.5 overall GPA
  - Acceptable degrees include the following: A.A.S.-T or A.A.S. degree in an allied health field, A.A., A.S., A.B., B.A., or B.S. degree
- Completion of ENGL&101 with at least a 2.0 GPA
- Math eligibility demonstrated in one of the following ways:
  - Completion of MATH&146 or another approved statistics class with a grade of at least 2.0 in the past five years
  - Current eligibility for MATH&146 or MATH 136

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	301	Principles of Community Health	5
CHED	311	Social Determinants of Disease	5
CHED	312	Health Behavioral Change Theoretical Foundations	
CHED	322	Program Planning and Evaluation	5
CHED	341	Community Health Needs Assessment and Improvement	5
CHED	476	Community Health and Education Capstone I	1
CHED	477	Community Health and Education Capstone II	1
CHED	478	Community Health and Education Capstone III	3

GENERAL EDUCATION COURSES

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
		Following can be substituted:	
		CMST 205 – Multicultural Communication	5
MATH&	146	Introduction to Statistics	5
		Following can be substituted:	
		MATH 136 Inferential Statistics	5
		-OR- PSYC 217 Intro to Probability & Statistics for Psychology	5
		-OR- BUS 210 Business & Economic Statistics	5
		-OR- Equivalent statistics course	
Lab Science			5
		Taken from any BIOL or CHEM courses	

Humanities course	5
Visual, Literary, and Performing Arts requirement	
Natural Science course	5
The Natural World requirement	
Social Science course	10
Individuals, Cultures, and Societies requirement	
Humanities, Social Science, or Natural Science course	15
Including Math or Computer Science course	

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 approved academic electives	0-75
No more than 15 credits of studio/performance VLPA credits will count toward the B.A.S. degree.	
Other upper-division AHE, CHEM, HSM, or ABS classes	0-75
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 physician assistant training program. For more information, email AlliedHealthBAS.Central@seattlecolleges.edu.

Dental Hygiene: Bachelor of Applied Science (B.A.S.). in Allied Health

Health Care and Human Services

Dental hygienists are an integral part of the dental team in providing patient care. They perform a variety of tasks, including removing deposits from teeth, taking radiographs, administering local anesthetics, placement and contouring dental fillings, and educating patients about oral hygiene. Note: The educational environment contains multiple latex products and exposure to potential bloodborne pathogens. Current infection control standards are taught in the program.

The Dental Hygiene track is approved by the American Dental Association's Commission on Dental Accreditation. Graduates are eligible to take the National Board Dental Hygiene Examination (NBDHE) and all Western Regional Examining Board (WREB) components to apply for a license as a registered dental hygienist in Washington or other states accepting these licensing credentials.

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

PREREQUISITES

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

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
CHEM& 122 Introduction to Organic Chemistry 5
ENGL& 101 English Composition 5
ENGL& 102 Composition II 5
HUM 105 Interculture Communication. 5
MATH& 146 Introduction to Stats. 5
    Following can be substituted:
    MATH 136 Inferential Statistics 5
NUTR& 100 Nutrition 5
PSYC& 100 General Psychology. 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 – Transfer (A.A.S.-T) degree can be awarded.

AHE 128 Introduction to Health Care Practice 4
AHE 129 Introduction to Health Care Appplied 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 COURSES

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

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 310 Advanced Restorative Practice I 2
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 404 Principles of Dental Hygiene Practice I 3
DHY 405 Principles of Dental Hygiene Practice II 2
DHY 406 Principles of Dental Hygiene Practice III 1

DHY 407 Strategies of Capstone Project. 1
DHY 408 Capstone. 1
DHY 409 Ethics 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

TOTAL PROGRAM CREDITS   195

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.

Health Care Service Management Bachelor of Applied Science (B.A.S.) Degree in Allied Health

Health Care and Human Services Division

Are you an experienced health care professional with an associate degree interested in health care administration? Seattle Central's Bachelor of Applied Science (B.A.S.) in Allied Health: Health Care 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 health care services manager and health care administrator. Additionally, this program will prepare you to play critical roles in planning, coordinating, and supervising service delivery in a variety of health care settings, including:

- Hospitals
- Medical care facilities
- Nursing homes
- Health care organizations
- Other health facilities

PREREQUISITES

- A minimum of one year of full-time health care work experience (or the equivalent) within the last five years
- An associate degree from a regionally accredited college or university with at least a 2.5 overall GPA
  - Acceptable degrees include the following: A.A.S.-T or A.A.S. degree in an allied health field or an approved business field, A.A., A.S., A.B., B.A., or B.S. degree
- Completion of ENGL&101 with at least a 2.0
- Math eligibility demonstrated in one of the following ways:
  - Completion of MATH&146 or another approved statistics class with a grade of at least 2.0 in the past five years
  - Current eligibility for MATH&146 or MATH 136

TECHNICAL SPECIALTY COURSES

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

ACCT 303 Accounting for Health Care Management 5
AHE 301 Principles of Health Care Delivery. 5
AHE 330 Information Literacy for Health Sciences. 5
AHE 401 Principles of Research 5
AHE 426 Leadership and Team Building/Organizational . .5
HSM 322 Human Resources 5
HSM 325 Financial Management in Health Care. 5
HSM 451 Health Care Outcomes and Quality Management 5
HSM 476 Health Care Services Management Capstone I. .1
HSM 477 Health Care Services Management Capstone II .1
HSM 478 Health Care Services Management Capstone III 1

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
Following can be substituted:
CMST 205 Multicultural Communication 5
MATH& 146 Introduction to Statistics 5
Following can be substituted:
MATH 136 Inferential Statistics 5
-OR- PSYC 217 Intro to Probability & Statistics
for Psychology 5
-OR- BUS 210 Business & Economic Statistics 5
-OR- Equivalent statistics course
Lab Science (Taken from any BIOL or CHEM courses) 5
Humanities course 5
Visual, Literary, and Performing Arts requirement
Natural Science course 5
The Natural World requirement
Social Science course 10
Individuals, Cultures, and Societies requirement
Humanities, Social Science or Natural Science course 15
including Math or Computer Science course

ELECTIVES

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

Allied Health credits (block if transferred). 0-75

Approved business credits (block if transferred) 0-75

Associate degree block transfer credits (if applicable). . . 0-75

Other approved academic electives. 0-75
No more than 15 credits of studio/performance VLPA credits will count toward the B.A.S. degree.

Other upper-division CHED, AHE, HSM, or ABS classes . . 0-75

TOTAL PROGRAM CREDITS   180

Respiratory Care Bachelor of Applied Science (B.A.S.) Degree in Allied Health

Health Care and Human Services Division

Respiratory Care is a health care specialty in the treatment and management of patients with cardiopulmonary disorders. The eight-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 Bachelor of Applied Science (B.A.S.) degree and is fully accredited by the Committee on Accreditation for Respiratory Care.

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.

Note: Program courses are under frequent review to maintain industry relevancy. Please 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
Following can be substituted:
CHEM 131 Intro to Organic Chemistry
and Biochemistry 5
ENGL& 101 English Composition 5
ENGL& 102 Composition II 5
HUM 105 Interculture Communication. 5
Following can be substituted:
CMST 205 Multicultural Communication 5
MATH& 146 Introduction to Statistics 5
Following can be substituted:
MATH 136 Inferential Statistics 5
PSYC& 100 General Psychology. 5
Following can be substituted:
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 Health Care Practice 4
AHE 129 Introduction to Health Care Appplied 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

CENTRAL

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Programs of Study

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
		Following can be substituted:
		BUS 103 Personnel/Human Resource Management 5

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 Equipment and Techniques 1
RCP	330	Acute Care Clinical II 5
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 & Techniques 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
TOTAL PROGRAM CREDITS		180

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 healthcare.seattlecentral.edu/programs/respiratory-care.

Health Care and Human Services
Bachelor of Applied Science (B.A.S.) Degree
Health Care and Human Services Department

The bachelor's 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.

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

GENERAL EDUCATION

Minimum GPA requirement of 2.0.

CMST&	101	Introduction to Communication 5
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
> *Following can be substituted:* Social Science course .5

College Level MATH course (e.g, MATH& 107, MATH 136)

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

HUMAN SERVICES CORE - OPTION 2: CHILD/FAMILY STUDIES

CFS	110	Developmentally Appropriate Activities Environment.	.3
CFS	120	Physical & Intellectual Development	.3
CFS	130	Social/Emotional Development	.3
CFS	245	Partnerships with Diverse Families	.3
CFS	263	Children with Disabilities	.3
CFS	270	Child and Family Health	.3
CFS	284	Literacy Development for Children & Families	.3

Field Placement. 10

TOTAL REQUIRED CREDITS 8-10

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

ELECTIVES

An additional 50 credits of electives is required. These credits will be a combination of courses from the A.A.S. degree and 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

TOTAL PROGRAM CREDITS   180

Information Technology: Networking

Information Technology Programs

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 with advanced certifications or skills, including: Cisco Certified Network Professionals (CCNP) Software Defined Networking (SDWAN); 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 (B.A.S.) Degree Associate of Applied Science – Transfer (A.A.S.-T) Degree 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 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 (such as NET 120) 5
Cisco I, II, III (CCNA)(such as NET 142, NET 144, NET 146) .15
Unix and Security (such as ITC 136, NET 138, ITC 151). . . .15
General Education* 30
   · – English (e.g., ENGL&101 and ENGL&102) 10
   · – Visual, Literary, and Performing Arts (VLPA) (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 110 courses) 5

> **A total of 60 credits will be required for the B.A.S. degree. It is suggested that 30 credits be earned prior to B.A.S. enrollment. Students who have not earned 30 credits as part of their A.A.S.-T degree will need to make an education plan with the program advisor to incorporate any course deficiencies into their B.A.S. degree plan.*

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 Networks	.5
NTI	340	Software Defined Networking 1	.5
NTI	350	CCNP II – Enterprise Switching	.5
NTI	360	CCNP III – Enterprise Troubleshooting	.5
NTI	400	Information Security for the Enterprise	.5
NTI	410	Network Security for the Enterprise	.5
NTI	430	Secure Content Management	.5
NIT	440	Devices and Services Cloud Environment	.5
NTI	460	Practicum	.5
NTI	470	Capstone	.5

GENERAL EDUCATION

SSC	330	Information Literacy in IT	.5
CSC	110	Introduction to Computer Programming	.5
		Following can be substituted: higher CSC course.	.5
ECON&	201	Micro Economics	.5
		Following can be substituted: ECON&202 Macro Economics	.5
PHIL&	106	Introduction to Logic	.5
POLS&	203	International Relations	.5
Lab Science			.5

| TOTAL PROGRAM CREDITS | 180 |

4 Continuing Education

(206) 934-5448
learnatcentral.org

Continuing Education offers a variety of noncredit 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 noncredit 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 Cooperative Work Experience. 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/Volunteer 3
Credit range: 1-3; Total required credits: 2-3

CMS 199 Community Service. 3
Credit range: 1-3: Total required credits: 2-3

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

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.

CENTRAL

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Programs of Study

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 096-099) 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 096-099 can be covered by financial aid. Tuition for these classes is the same as regular tuition.

Concurrent High School/ College Programs

Running Start
(206) 934-3820
seattlecentral.edu/runstart

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

Pre-College Programs

Adult Basic Education

seattlecentral.edu/basic/abe

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 noncredit. Tuition is currently $25 per quarter (subject to change).

English as a Second Language (ESL)

English as a Second Language (ESL) classes, Levels 1 through 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 noncredit 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 096-099, which concentrate on college-preparation skills.

GED® Preparation

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

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

See page 23 for more information.

High School 21+

HS21+ is a competency-based option 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 its own program; the requirements and pathways are not standardized across the colleges. Tuition is $25 per quarter (subject to change).

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 the 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 Central provides information and support services for students taking online, hybrid, self-paced, seminar, and video courses.Students taking eLearning courses experience the same curriculum, content, and challenges as on-campus courses while benefiting 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 26 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
- Has separated from the military with an honorable discharge within the last 48 months
- Has suffered a loss of more than 50 percent 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
- 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 28 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 17. These programs, which vary in length from one to seven quarters, are designed to prepare students for careers and/or to expand skills in their career area. Several Professional Technical programs offer short-term training certificates; students may build skills and add certifications over time to progress in their fields. Contact the program office for information. Seattle Central College is accredited by the Northwest Commission on Colleges and Universities.

Allied Health

Health Care and Human Services Division
(206) 934-4347

The Associate of Applied Science degree in Allied Health was conceived as a bridge between health care certificates and an associate degree. The degree is designed to prepare students to enter the workplace in a health care 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. It provides a link between health care training and higher education at the baccalaureate level.

Certificate students (e.g., dental assistant, nursing assistant, medical assistant, and similar programs) will typically have 30 to 45 credits in a specialty or certificate major. They must have completed ENGL&101, MATH&146, HUM 105, and a BIOL or CHEM lab science prior to being accepted into the Allied Health associate degree 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 30 credits from approved allied health coursework (including a health care certificate program) plus other electives to make up 90 credits. Check with you advisor for appropriate electives.

For students just getting started on their journeys, we recommend the dual-degree guided pathways, in which students can earn two degrees at the same time without taking extra credits. Students can earn an Associate of Arts (A.A.-DTA) and Associate of Applied Science (A.A.S.-T) in Allied Health at the same time by earning 90 credits. Pathways can also include a degree emphasis in Global Health or Equity and Social Justice.

These degree pathways can lead to the Community Health & Education and Health Care Services Management Bachelor of Applied Science (B.A.S.) in Allied Health programs. Please contact AlliedHealthBAS@seattlecolleges.edu for more information about the B.A.S. program.

A.A.-DTA and A.A.S.-T in Allied Health: Generalist
seattlecentral.edu/pdf-library/dual-degrees/
AA-DTA-allied-health-dual-degree-pathway.pdf

A.A.-DTA: Global Health Emphasis and A.A.S.-T in Allied Health: Generalist
seattlecentral.edu/pdf-library/dual-degrees/
global-health-dual-degree.pdf

A.A.-DTA: Equity and Social Justice Emphasis and A.A.S.-T in Allied Health: Generalist
seattlecentral.edu/pdf-library/dual-degrees/
equity-and-social-justice-dual-degree.pdf

A.A.-DTA and A.A.S.-T in Allied Health Pre-Physician Assistant Preparation Pathway
seattlecentral.edu/pdf-library/dual-degrees/
prepa-prep-pathway-dual-degree.pdf

Allied Health Courses Associate of Applied Science – Transfer (A.A.S.-T) Degree

Up to 60 college credits total may be block transferred from the student's certificate in one or more of the CIP code programs from the approved list. If more than 30 credits are transferred in, the remainder will be used to fulfill the "Related Electives" requirement.

At least 10 college credits in this section must be from a certificate in an allied health field from a regionally accredited institution, or the student must be currently enrolled in the dental hygiene or respiratory care programs.

If fewer than 30 college credits are block transferred in, the difference may be made up with credits from the following related courses:

RELATED COURSES

AHE	126	Essential Skills in Health Care	2
AHE	128	Introduction to Health Care Practice	4
AHE	129	Introduction to Health Care Applied Practice	1
AHE	150	HIV/AIDS Education	0.5
AHE	151	Standard Precautions/First Aid	1
AHE	152	Health Care Provider CPR	1
AHE	165	Medical Terminology I	3
AHE	168	Medical Terminology	5
AHE	209	Introduction to Respiratory Care	2
ANTH	135	Introduction to Environmental Anthropology	5
ANTH	275	Medical Anthropology	5
BIOL	128	Survey of Human Anatomy & Physiology	5
BIOL&	241	Human Anatomy and Physiology 1	5
BIOL&	242	Human Anatomy and Physiology 2	5
CMST	240	Introduction to Health Communication	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
HEA	228	Water Gender and Global Health	5
PEC	181	Wellness Management	3
NUTR&	101	Human Nutrition	5
SHS	150	HIV/AIDS Brief Risk Intervention	1

Respiratory Care (RCP) course 5
This option is only for those students currently enrolled in the Respiratory Care program.

Dental Hygiene (DHY) course 5
This option is only for those students currently enrolled in the Dental Hygiene program.

GENERAL EDUCATION COURSES

20 credits of specific required courses, plus 10 additional credits chosen from the courses tagged as fulfilling the A.A. degree "areas of knowledge" requirements (VLPA, ICS, or NW) in the online course schedule.

ENGL&	101	English Composition	5
HUM	105	Intercultural Communication	5

Following can be substituted:
CMST 205 Multicultural Communication. 5

MATH&	146	Introduction to Statistics	5

Following can be substituted:
MATH 136 Inferential Statistics 5

Visual, Literary, and Performing Arts 5
Following can be substituted:
Individuals, Cultures, and Societies course 5
-OR- Natural World course 5

Individual, Cultures, and Societies. 5
Following can be substituted:
Natural World course 5
-OR- Visual, Literary, and Performance Arts course . . .5

Lab Science 5
Lab science course is taken from either Biology (BIOL) or Chemistry (CHEM) courses.

TOTAL PROGRAM CREDITS	90

Note: Degree requires the completion of at least 90 applicable credits, including transferred-in credits, with a minimum cumulative GPA of 2.0. All courses applied must be numbered 100 or above. Students must have earned a certificate of at least 10 credits from a regionally accredited institution in an allied health field or be enrolled in the respiratory care or dental hygiene programs. At least 15 credits must be earned from Seattle Central College.

Central Supply Processing Short-Term Certificate

Allied Health Division

With this certification, you will be qualified to become a certified central supply and instrument technician. Medical staff depend on central supply and instrument 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

Allied Health Division

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

Business, Information Technologies & Creative Arts Division

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 coursework over six quarters.

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	104	Alterations and Fitting	2
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; Total required credits: 5
Classes that meet the "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

Classes that meet the "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

RELATED INSTRUCTION

| APPRL | 298 | Apparel Design Special Topics . . . . .5 |

Credit range: 1-5

| TOTAL PROGRAM CREDITS | | 95 |

Business

Business, Information Technologies & Creative Arts Division

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 |

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 startup, or implementing a new initiative in an existing organization (e.g., corporate, government, nonprofit).

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 |

Office Assistant Short-Term Certificate

The Office Assistant Certificate is the first in a series of short term training certificates within the Business Information Technology department. This certificate prepares students for entry-level jobs as member services representatives, customer relations associates, office assistants and front desk agents.

TECHNICAL SPECIALTY COURSES

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

| TOTAL PROGRAM CREDITS | | 17 |

Office Professional Short-Term Certificate

A short term, intensive BIT office skills certificate for entry level workers or established workers seeking updated skills

TECHNICAL SPECIALTY COURSES

BUS	103	Personnel/Human Resource Management . . .3
BUS	172	Information Technology III 4
BUS	182	Information and Database Management 5
BUS	216	Professional Development. 5

| TOTAL PROGRAM CREDITS | | 17 |

Office Support Short-Term Certificate

A short-term, intensive BIT office skills certificate for workers with some employment experience who wish to update skills and advance along their career track

TECHNICAL SPECIALTY COURSES

BUS	100	Fundamentals of Supervision. 3
BUS	116	Business Math/Spreadsheets. 5
BUS	132	Intergrated Communications II 5
BUS	171	Information Technology II. 4

| TOTAL PROGRAM CREDITS | | 17 |

Business Technology Management

STEM-B Division Certificate

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.

OPTIONAL PREREQUISITE

BTM 098 Computing Essentials – Students who do not have a strong background in the use of computers for daily tasks such as email, internet browsing, or basic software applications are encouraged to take BTM 098 as a foundation for in program software-based coursework.

MANDATORY 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	108	Applied Business Math I	3
BTM	109	Business Communications I	5

TECHNICAL SPECIALTY COURSES

BTM	100	Orientation and Career Exploration	2
BTM	111	Business Applications I	5
BTM	112	Business Applications II – Data Analysis W/Excel	5
BTM	113	Business Applications III	5
BTM	118	Applied Business Math II	5
		Following can be substituted:	
		MATH 081 Basic Math Skills	5
		-OR- Test out required only	
BTM	119	Business Communications II	5
		ENGL 096 College Prep Writing III	5
		-OR- Test out required only	
BTM	120	Customer Relations Management	5
BTM	122	Professional Development	5
BTM	197	Work Experience: Business Technology Management	5
		Total required credits: 3-5	

TECHNICAL PROGRAM CREDITS	37-40

STEM-B Division Associate of Applied Science (A.A.S.) Degree

The Business Technology Management program (formerly Business Information Technology) 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.

OPTIONAL PREREQUISITE

BTM 098 Computing Essentials – Students who do not have a strong background in the use of computers for daily tasks such as email, internet browsing, or basic software applications are encouraged to take BTM 098 as a foundation for in program software-based coursework.

MANDATORY 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	108	Applied Business Math I	3
BTM	109	Business Communications I	5

TECHNICAL SPECIALTY COURSES

BTM	100	Orientation and Career Exploration	2
BTM	111	Business Applications I	5
BTM	112	Business Applications II – Data Analysis W/Excel	5
BTM	113	Business Applications III	5
BTM	118	Applied Business Math II	5
		Following can be substituted:	
		MATH 081 Basic Math Skills	5
		-OR- Test out required only	
BTM	119	Business Communications II	5
		Following can be substituted:	
		ENGL 096 College Prep Writing III	5
		-OR- Test out required only	
BTM	120	Customer Relations Management	5
BTM	122	Professional Development	5
BTM	197	Work Experience	3-5

SPECIALIZATION COURSEWORK: OPTION 1

BTM	225	Marketing Fundamentals	5
		-OR- BTM 228 Small Business Management	5
BTM	226	Small Business Startup	3
		-OR- BTM 227 Entrepreneurship Toolkit	3
BTM	231	Applied Accounting I	5
BTM	278	Organizational Management	5
BTM	240	Applied Database Design	5
BTM	236	Supervision and Leadership	5
		-OR- BTM 237 Human Resources Management	5
BTM	245	Process Management	5
BTM	260	Project Management	5
		-OR- BTM 265 Operations Management	5
Electives			7

TOTAL PROGRAM CREDITS	90

SPECIALIZATION COURSEWORK OPTION 2: TRACK OPTION

Students pick the track they are most interested in. Electives should be discussed with advisor prior to enrollment.

USER SUPPORT TRACK

BTM	240	Applied Database Design	5
ITC	134	Intro to Software Development & Version	5
ITC	140	Introduction to Computer Hardware	5
NET	120	Network Essentials	5
CIS	197	Internship	5
Electives			20

ENTREPRENEURSHIP TRACK

BTM	226	Small Business Startup	3
BTM	225	Marketing Fundamentals	5
BTM	227	The Entrepreneur Toolkit	3
BTM	228	Small Business Management	5
BTM	231	Applied Accounting I	5
Elective			24

TOTAL PROGRAM CREDITS   **90**

Chemical Dependency Specialist

Social & Human Services & Child & Family Studies

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

Students with a higher level of formal education may also obtain the 45 credits of chemical dependency curriculum through the Chemical Dependency Specialist program. A Washington state background check may be required for Field Practicum. A 2.0 GPA 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 classes:

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

This course meets current minimum state requirements for registration as chemical dependency counselors with the Department of Health.

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 Human Services workshop.	
SHS	231	Pharmacology of Addictions**	5
SHS	232	Chemical Dependency and the Family**	3
SHS	233	Chemical Dependency Counseling**	5
SHS	235	Drug Addiction and Society**	5

SHS	270	Ethics in Human Services and Chemical Dependency**	3
SHS	280	Chemical Dependency Case Management**	3
SHS	296	Special Topics	1

TOTAL HUMAN SERVICES WORKSHOP CREDITS   **1-3**

**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

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

Child & Family Studies

Social & Human Services & Child & Family Studies

The Child & Family Studies option provides academic preparation for students interested in working with children and their families in a wide range of employment opportunities.

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 COURSES

ENGL&	101	English Composition	5
HUM	105	Intercultural Communication	5
PSYC&	200	Lifespan Psychology	5
SOC&	101	Introduction to Sociology	5
		Following can be substituted:	
		SOC 250 Marriage, Family & Intimate Relationships	5

CFS SPECIALIZATION AREA

Note: 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 in School-Age Years	3
CFS	155	Development During the Adolescent Years	3
CFS	180	Guiding Behavior & Social Development 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 for Cultural Relevance/ Anti-Bias: Child & Families	3
CFS	284	Literacy Development for Children & Families	3
CFS	290	Budget and Finance	4
		Credit range: 1-4	
		Total required credits for CFS 290: 1-4	
CFS	296	Personnel and Supervision	4
		Credit range: 1-4	
		Total required credits for CFS 296: 1-4	
CFS	299	Merit	2
		Total required credits for CFS 299: 1-5	
		Maximum of 3 credits may be applied toward certificate or degree.	

TOTAL PROGRAM CREDITS	45

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

Culinary Arts

Seattle Culinary Academy
Hospitality & Culinary Arts Division

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, and 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 Quarter. 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 Compostion	3
		Following can be substituted:	
		ENGL&101 English Composition	5
MATH	110	Applied Math for Technicians	3
		Following can be substituted: college level math	

TECHNICAL SPECIALTY COURSES

BAK	105	Restaurant Baking: Theory	1.5
BAK	115	Restaurant Baking: Practicum	1
BAK	116	Fine Dining Baking: Practicum	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: Practium	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	112	Spreadsheet for Hospitality	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
PSYC	240	Psychology of Human Relations	3

TOTAL CREDITS	101

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: 101 credits

PREREQUISITES

ENGL	105	Applied Composition	3
		Following can be substituted:	
		ENGL&101 English Composition	5
MATH	110	Applied Math for Technicians	3
		Following can be substituted: College-level math	

TECHNICAL SPECIALTY COURSES

BAK	105	Restaurant Baking: Theory	. . . . 1.5
BAK	115	Restaurant Baking: Practicum	1
BAK	116	Fine Dining Baking: Practicum	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	112	Spreadsheet for Hospitality	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
PSYC	240	Psychology of Human Relations	3

GENERAL EDUCATION ELECTIVES

CSC course	4
	Any humanities, social sciences, natural science, or CSC class

ALLIED SUPPORT ELECTIVES

Select 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	

TOTAL CREDITS:	117

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

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
BIOL	103	Nutrition for Food Service Professionals	3
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
MIC	102	Using Computers I	1

CENTRAL

77

Professional Technical Programs

Professional Technical Programs

RELATED INSTRUCTION

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

ENGL& 101   English Composition 5

RELATED INSTRUCTION - QUANTITATIVE SKILLS

College-level Math with MATH 098 prereq.

Choose 5 credits (one course) from the following:

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

RELATED INSTRUCTION - SCIENCE, SOCIAL, OR HUMAN

Choose 10 credits (two courses) from the following:

ANTH& 206   Cultural Anthropology 5
ANTH   275   Medical Anthropology 5
BIOL& 160   General Biology w/Lab 5
CHEM&121   Intro to Chemistry. .5
CMST& 101   Introduction to Communication 5
HUM   105   Intercultural Communication 5
NTR   150   Human Nutrition. 5
PSYC& 100   General Psychology. 5

SCIENCE, SOCIAL OR HUMAN CREDITS	10
TOTAL PROGRAM CREDITS	119

Culinary Arts:
Specialty Desserts & Breads

Seattle Culinary Academy
Hospitality & Culinary Arts Division

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 Quarter. 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 Composition. 3
               Following can be substituted:
               ENGL&101 English Composition 5
MATH   110   Applied Math for Technicians 5
               Following can be substituted: 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   117   Introduction to Cheese Making. 1
BAK   123   Advanced Buffet Desserts/Wedding Cakes/
               Preservation – Theory 2
BAK   124   Advanced Buffet Desserts/Wedding Cakes/
               Preservation 8
BAK   125   Advanced Desserts and Breads: Practicum. . . .8
BAK   126   Advanced Whole Grain Baking Theory 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   112   Spreadsheet for Hospitality 1
HOS   122   Purchasing and Inventory: Theory. 1
HOS   123   Food Costing Principles and Application 1
HOS   201   Functions of Management 2

RELATED INSTRUCTION

BIOL   103   Nutrition for Food Service Professionals 3
PSYC   240   Psychology of Human Relations 3

TOTAL PROGRAM CREDITS	78.5

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

Completion of Certificate Requirements: 77.5 credits

PREREQUISITES

ENGL   105   Applied Composition. 3
               Following can be substituted:
               ENGL&101 English Composition 5
MATH   110   Applied Math for Technicians 3
               Following can be substituted: 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	117	Introduction to Cheese Making	1
BAK	123	Advanced Buffet Desserts/Wedding Cakes/Preservation – Theory	2
BAK	124	Advanced Buffet Desserts/Wedding Cakes/Preservation	8
BAK	125	Advanced Desserts and Breads: Practicum	8
BAK	126	Advanced Whole Grain Baking Theory	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		Customer Service for Specialty Desserts & Breads	1
HOS	110	Principles of Sanitation	3
HOS	112	Spreadsheet for Hospitality	1
HOS	122	Purchasing and Inventory: Theory	1
HOS	123	Food Costing Principles and Application	1
HOS	201	Functions of Management	2

RELATED INSTRUCTION

BIOL	103	Nutrition for Food Service Professionals	3
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	

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
TOTAL PROGRAM CREDITS			94.5

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

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	Advanced Buffet Desserts/Wedding Cakes/Preservation	8
BAK	125	Advanced Desserts and Breads: Practicum	8
BAK	126	Advanced Whole Grain Baking Theory	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	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

Total of 20 credits from all three related instruction areas.

RELATED INSTRUCTION

ENGL&	101	English Composition	5

RELATED INSTRUCTION – QUANTITATIVE SKILLS

College-level Math with MATH 098 prereq.

Choose one course listed below:

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

RELATED INSTRUCTION – SCIENCE, SOCIAL, OR HUMAN

Choose two 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	Intercultural Communication	5
NTR	150	Human Nutrition	5
PSYC&	100	General Psychology	5
TOTAL PROGRAM CREDITS			94.5

CENTRAL

79

Professional Technical Programs

ECE: State Early Childhood Education Certificate

Social & Human Services & Child & Family Studies

This program is part of the Washington State Career Lattice for Early Childhood Education (meets minimum child care licensing standards or registered apprentice in high school or equivalent and 20 hours of basic STARS/MERIT training or two college credits in basics of child care course and at least two 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.

TECHNICAL SPECIALTY COURSES

ECED& 160   Curriculum Development 5
ECED& 170   Environments – Young Child. 3
    Following can be substituted:
    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 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 COURSES – SPECIALIZATION

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

ECED& 132   Infants/Toddlers Care 3
    Completion of 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 of 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 of 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 of this course, EDUC&115 – Child Develop-
    ment (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 of 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.

RELATED INSTRUCTION

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

TOTAL PROGRAM CREDITS   47

ECE: State Initial Early Childhood Education Certificate

Social & Human Services & Child & Family Studies

The initial certificate is a point of entry or a continuation of professional development based on Level 1 on the Washington State Career Lattice (meets minimum child care licensing standards or registered apprentice in high school or equivalent and 20 hours of basic STARS/MERIT training OR 2 college credits in basics of child care course and at least two 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 state 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

ECE: State Short Early Childhood Education Certificate – Administration

Social & Human Services & Child & Family Studies

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

The State Short Early Childhood Education Certificate – Administration is awarded following completion of the State Initial Early Childhood Education Certificate (12 credits) plus eight 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 COURSES – SPECIALIZATION

ECED& 139   Administration 3
EDUC& 115   Child Development 5
TOTAL PROGRAM CREDITS   20

ECE: State Short Early Childhood Education Certificate – Family Child Care

Social & Human Services & Child & Family Studies

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

The State Short Early Childhood Education Certificate – Family Child Care is awarded following 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 COURSES – SPECIALIZATION

ECED& 134   Family Child Care 3
EDUC& 115   Child Development 5
TOTAL PROGRAM CREDITS   20

ECE: State Short Early Childhood Education Certificate – General

Social & Human Services & Child & Family Studies

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

The State Short Early Childhood Education Certificate – General is awarded following completion of the State Initial Early Childhood Education Certificate (12 credits) plus eight 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 COURSES – SPECIALIZATION

EDUC& 115   Child Development 5
EDUC& 130   Guiding Behavior 3
TOTAL PROGRAM CREDITS   20

ECE: State Short Early Childhood Education Certificate – Infant Toddler Care

Social & Human Services & Child & Family Studies

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

The State Short Early Childhood Education Certificate – Infant Toddler Care is awarded following completion of the State Initial Early Childhood Education Certificate (12 credits) plus eight 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 COURSES – SPECIALIZATION

ECED& 132   Infants/Toddlers Care 3
EDUC& 115   Child Development 5
TOTAL PROGRAM CREDITS   20

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

Social & Human Services & Child & Family Studies

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

The State Short Early Childhood Education Certificate – School-Age Care is awarded following completion of the State Initial Early Childhood Education Certificate (12 credits) plus eight 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 COURSES – SPECIALIZATION

EDUC&	115	Child Development	5
EDUC&	136	School Age Care	3
TOTAL PROGRAM CREDITS			20

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

Arts, Humanities, and Social Sciences

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 on 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.

TECHNICAL SPECIALTY COURSES

DES	110	History of Graphic Design	3.5
DES	121	Typography I	3.5
DES	122	Typography II	3.5
DES	131	Graphic Design I	3.5
DES	132	Graphic Design II	3.5
DES	133	Graphic Design III	3.5
DES	145	Graphic Production I	3.5
DES	146	Graphic Production II	3.5
DES	147	Graphic Production III	3.5
DES	151	Interactive I	3.5
DES	152	Interactive II	3.5
DES	153	Interactive III	3.5
DES	197	Work Experience-Graphic Design	3
		Credit range: 2-5. Total required work experience credits for DES 197:3	
DES	223	Typography III	4
		Following can be substituted:	
		DES 232 Graphic Design V	4
		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 IV	4
DES	251	Interactive IV	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

Healthcare & Human Services

Care Navigation and Coordination Short-Term Certificate

Healthcare & Human Services Division

The Care Navigation and Coordination program is designed to prepare students to assist clients and patients in navigating the social services and health care 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

Information Technology: Database Administration and Development

Information Technology Programs

The Information Technology three- to seven-quarter certificate and Associate of Applied Science – Transfer (A.A.S.-T) degree 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.

Certificate

PREREQUISITES

Eligibility for ENGL&101 and College Math. Waivers or test out may be available.

Prerequisites do not count toward credits required for this certificate.

BTM	111	Business Applications I	5
		Waivers or test out may be available.	
ITC	102	Information Systems Concepts	5
		Waivers or test out may be available.	

TECHNICAL SPECIALTY COURSES

ITC	110	Programming Fundamentals	5
ITC	134	Intro to Software Development & Version	5
ITC	220	Database Development	5
WEB	110	Web Authoring I	5

TECHNICAL SPECIALTY TRACKS

Choose from two of the seven tracks below:

DATABASE DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
ITC	222	SQL w/Server	5
ITC	224	Database Programming	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5

MOBILE DEVELOPMENT TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	162	Android Application Development 1	5
ITC	165	Android Application Development 2	5
ITC	255	Systems Analysis	5

SOFTWARE DEVELOPER TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	255	Systems Analysis	5

WEB DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
		-OR- WEB 170 Content Systems Management	5
ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5
WEB	120	Web Authoring II	5

WEB PROGRAMMING TRACK

ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5

WEB SCRIPTING TRACK

ITC	230	Advanced JavaScript	5
WEB	120	Web Authoring II	5
WEB	150	Introduction to JavaScript	5

WEB DESIGN TRACK

WEB	120	Web Authoring II	5
WEB	130	Web Authoring III	5
WEB	200	Theory of Web Design	5
WEB	202	User-Centered Design	5
WEB	204	Research Methods	5

RELATED INSTRUCTION

ITC 205 OR WEB 205 – Career Strategies	2
IT Electives	Up to 15

Following can be substituted: Internship
Based on chosen tracks, student may either take an additional 0 to 15 credits of IT electives or internship or some combination of both to make the 60 credits required for this certificate

TOTAL PROGRAM CREDITS	60-71

Professional Technical Programs

Information Technology: Network Design and Administration

Information Technology Programs

The Information Technology three- to seven-quarter certificate and Associate of Applied Science – Transfer (A.A.S.-T) degree 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.

Certificate

PREREQUISITES

Prerequisites do not count toward credits required for this certificate.

Eligibility for ENGL&101 and College Math

ITC	102	Information Systems Concepts	5
		AND	
		BTM 111 Business Applications I	
		(BTM 111 and ITC 102 may be waived due to test out or by prior student experience.)	
ITC	140	Introduction to Computer Hardware	5
NET	120	Network Essentials	5

TECHNICAL SPECIALTY CLASSES

CIS	197	Work Experience – Computer Information Systems	3
ITC	136	Unix Operating System	5
ITC	151	Introduction to Security for Computing	5
NET	122	Network Operating Systems 1 – Client	5
NET	124	Network Operating Systems 2 – Win2k Server.	5
NET	126	Network Operating Systems 3 – Sysop Applications	5
NET	134	Network IAC (Infrastructure as Code) & Design	5
NET	138	Unix for Network Administration	5
NET	142	Network Management - CISCO I	5
NET	144	Network Management - CISCO II	5
NET	146	Network Management - CISCO III	5
NET	200	Enterprise Applications	5
TOTAL PROGRAM CREDITS			58

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

Completion of Certificate Requirements: 78 credits

PREREQUISITES

Prerequisites do not count toward credits required for this certificate.

Eligibility for ENGL&101 and College Math

ITC	102	Information Systems Concepts	5
		Waiver or test out available.	
BTM	111	Business Applications I	5
		Waiver or test out available.	
ITC	140	Introduction to Computer Hardware	5
NET	120	Network Essentials - CompTIA Network +	5

TECHNICAL SPECIALTY CLASSES

CIS	197	Work Experience	3
		Credit range: 3-5	
		Total required work experience credits for CIS 197: 3	
ITC	136	Unix Operating System	5
ITC	151	Introduction to Security for Computing	5
NET	122	Network Operating Systems 1 – Client	5
NET	124	Network Operating Systems 2 – Win2k Server	5
NET	126	Network Operating Systems 3 – Sysop Applications	5
NET	134	Network IAC (Infrastructure as Code) & Design	5
NET	138	Unix for Network Administration	5
NET	142	Network Management – CISCO I	5
NET	144	Network Management – CISCO II	5
NET	146	Network Management – CISCO III	5
NET	200	Enterprise Applications	5

RELATED INSTRUCTION

CSC	110	Introduction to Computer Programming	5
ENGL&	101	English Composition	5
ENGL&	102	Composition II	5
		Following can be substituted:	
		Other Communications course	
HUM	105	Intercultural Communication	5
		Following can be substituted: Other Humanities course	
MATH	136	Inferential Statistics	5
		Following can be substituted:	
		MATH&146 Introduction to Statistics	
PSYC&	100	General Psychology	5
		Following can be substituted:	
		Other Social Science course	
TOTAL PROGRAM CREDITS			98

Information Technology: Programming

Information Technology Programs

The Information Technology three- to seven-quarter certificate and Associate of Applied Science – Transfer (A.A.S.-T) degree 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.

Certificate

Prerequisites

Eligibility for ENGL&101 and College Math. Waivers or test out may be available.

Prerequisites do not count toward credits required for this certificate.

BTM	111	Business Applications I	5
		Waivers or test out may be available.	
ITC	102	Information Systems Concepts	5
		Waivers or test out may be available.	

TECHNICAL SPECIALTY COURSES

ITC	110	Programming Fundamentals	5
ITC	134	Intro to Software Development & Version	5
ITC	220	Database Development	5
WEB	110	Web Authoring I	5

TECHNICAL SPECIALTY TRACKS

Choose from two of the seven tracks below:

DATABASE DEVELOPMENT TRACK
ITC	172	NET Web Programming	5
ITC	222	SQL w/Server	5
ITC	224	Database Programming	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5

MOBILE DEVELOPMENT TRACK
ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	162	Android Application Development 1	5
ITC	165	Android Application Development 2	5
ITC	255	Systems Analysis	5

SOFTWARE DEVELOPER TRACK
ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	255	Systems Analysis	5

WEB DEVELOPMENT TRACK
ITC	172	NET Web Programming	5
		-OR- WEB 170 Content Systems Management	5
ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5
WEB	120	Web Authoring II	5

WEB PROGRAMMING TRACK
ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5

WEB SCRIPTING TRACK
ITC	230	Advanced JavaScript	5
WEB	120	Web Authoring II	5
WEB	150	Introduction to JavaScript	5

WEB DESIGN TRACK
WEB	120	Web Authoring II	5
WEB	130	Web Authoring III	5
WEB	200	Theory of Web Design	5
WEB	202	User-Centered Design	5
WEB	204	Research Methods	5

RELATED INSTRUCTION
| ITC 205 OR WEB 205 Career Strategies | 2 |
| IT Electives | up to 15 |

Following can be substituted: Internship
Based on chosen tracks, student may either take an additional 0 to 15 credits of IT electives or internship or some combination of both to make the 60 credits required for this certificate.

| TOTAL PROGRAM CREDITS | 60-73 |

Information Technology: Programming

Information Technology Programs

The Information Technology three- to seven-quarter certificate and Associate of Applied Science – Transfer (A.A.S.-T) degree 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.

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

Completion of Certificate: 60-73 credits

PREREQUISITES

Eligibility for ENGL&101 and College Math . Waivers or test out may be available.

BTM	111	Business Applications I	5

Waivers or test out may be available.

ITC	102	Information Systems Concepts	5

Waivers or test out may be available.

TECHNICAL SPECIALTY COURSES

ITC	110	Programming Fundamentals	5
ITC	134	Intro to Software Development & Version	5
ITC	220	Database Development	5
WEB	110	Web Authoring I	5

TECHNICAL SPECIALTY TRACKS

Choose from two of the seven tracks below:

DATABASE DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
ITC	222	SQL w/Server	5
ITC	224	Database Programming	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5

MOBILE DEVELOPMENT TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	162	Android Application Development 1	5
ITC	165	Android Application Development 2	5
ITC	255	Systems Analysis	5

SOFTWARE DEVELOPER TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	255	Systems Analysis	5

WEB DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
		-OR- WEB 170 Content Systems Management	5
ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5
WEB	120	Web Authoring II	5

WEB PROGRAMMING TRACK

ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5

WEB SCRIPTING TRACK

ITC	230	Advanced JavaScript	5
WEB	120	Web Authoring II	5
WEB	150	Introduction to JavaScript	5

WEB DESIGN TRACK

WEB	120	Web Authoring II	5
WEB	130	Web Authoring III	5
WEB	200	Theory of Web Design	5
WEB	202	User-Centered Design	5
WEB	204	Research Methods	5

RELATED INSTRUCTION

ITC	205	Career Strategies	2
IT Electives			up to 15

Following can be substituted: Internship
Based on chosen tracks, student may either take an additional 0 to 15 credits of IT electives or internship or some combination of both to make the 60 credits required for the Programming certificate.

RELATED INSTRUCTION – A.A.S.-T

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

Following can be substituted:
ENGL&235 Technical Writing*

HUM	105	Intercultural Communication	5

Following can be substituted:
ENGL&235 Technical Writing*

ITC	285	Capstone Project Class	5
MATH	136	Inferential Statistics	5

Following can be substituted:
MATH&146 Introduction to Stats

Natural World Science Course		5
ICS Social Science Course		5
TOTAL PROGRAM CREDITS		98-107

* ENGL 235 Technical Writing may substitute for either ENGL&102 or HUM&105 but not for both.

Information Technology: Web Design

Information Technology Programs

The Information Technology three- to seven-quarter certificate and Associate of Applied Science – Transfer (A.A.S.-T) degree 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.

Certificate

PREREQUISITES

Prerequisites do not count toward credits required for this certificate.

Eligibility for ENGL&101 and MATH 098

ITC	102	Information Systems Concepts	5
		Waiver or test out available.	
BTM	111	Business Applications I	5
		Waiver or test out available.	

TECHNICAL SPECIALTY COURSES

ITC	197	Work Experience	1
ITC	220	Database Developmen	5
ITC	240	Web Applications 1	5
BTM	260	Project Management	5
WEB	110	Web Authoring I	5
WEB	112	Typography for the Web	3
WEB	114	Photoshop for the Web	3
WEB	120	Web Authoring II	5
WEB	130	Web Authoring III	5
WEB	150	Introduction to JavaScript	5
WEB	160	Writing for the Web	2
WEB	170	Content Management Systems with WordPress	5
WEB	200	Theory of Web Design	5
WEB	202	User Interface & Experience Design for the Web	5
WEB	204	Research Methods	5
WEB	205	Web Career Strategies	2
WEB	210	Advanced Web Design & Development Projects	5

TOTAL PROGRAM CREDITS 71

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

Completion of Certificate Requirements: 66 credits

PREREQUISITES

Prerequisites do not count toward credits required for this certificate.

Eligibility for ENGL&101 and MATH 098

ITC	102	Information Systems Concepts	5
		Waiver or test out available.	
BTM	111	Business Applications I	5
		Waiver or test out available.	

TECHNICAL SPECIALTY COURSES

ITC	197	Work Experience	1
ITC	220	Database Development	5
ITC	240	Web Applications 1	5
BTM	260	Project Management	5
WEB	110	Web Authoring I	5
WEB	112	Typography for the Web	3
WEB	114	Photoshop for the Web	3
WEB	120	Web Authoring II	5
WEB	130	Web Authoring III	5
WEB	150	Introduction to JavaScript	5
WEB	160	Writing for the Web	2
WEB	170	Content Management Systems with WordPress	5
WEB	200	Theory of Web Design	5
WEB	202	User Interface & Experience Design for the Web	5
WEB	204	Research Methods	5
WEB	205	Web Career Strategies	2
WEB	210	Advanced Web Design & Development Projects	5

RELATED INSTRUCTION

BUS	240	Internet Law	5
ENGL&	101	English Composition	5
HUM	105	Intercultural Communication	5
MATH&	146	Q-Statistics	5
		Natural World Course	5
		-OR- Individual, Cultures, and Societies Course	5
ITC	285	Capstone	5

TOTAL PROGRAM CREDITS   101

Information Technology: Web Development

Information Technology Programs

The Information Technology three- to seven-quarter certificate and Associate of Applied Science – Transfer (A.A.S.-T) degree 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.

Certificate

PREREQUISITES

Eligibility for ENGL&101 and College Math. Waivers or test out may be available.

BTM	111	Business Applications I	5
		Waivers or test out may be available.	
ITC	102	Information Systems Concepts	5
		Waivers or test out may be available.	

TECHNICAL SPECIALTY COURSES

ITC	110	Programming Fundamentals	5
ITC	134	Intro to Software Development & Version	5
ITC	220	Database Development	5
WEB	110	Web Authoring I	5

TECHNICAL SPECIALTY TRACKS

Choose from two of the seven tracks below:

DATABASE DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
ITC	222	SQL w/Server	5
ITC	224	Database Programming	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5

MOBILE DEVELOPMENT TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	162	Android Application Development 1	5
ITC	165	Android Application Development 2	5
ITC	255	Systems Analysis	5

SOFTWARE DEVELOPER TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	255	Systems Analysis	5

WEB DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
		-OR- Web 170 Content Systems Management	5
ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5
WEB	120	Web Authoring II	5

WEB PROGRAMMING TRACK

ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5

WEB SCRIPTING TRACK

ITC	230	Advanced JavaScript	5
WEB	120	Web Authoring II	5
WEB	150	Introduction to JavaScript	5

WEB DESIGN TRACK

WEB 120	Web Authoring II	5
WEB 130	Web Authoring III	5
WEB 200	Theory of Web Design	5
WEB 202	User-Centered Design	5
WEB 204	Research Methods	5

RELATED INSTRUCTION

ITC	205	Career Strategies	2
		IT Electives	up to 15.0

Following can be substituted: Internship
Based on chosen tracks, student may either take an additional 0 to 15 credits of IT electives or internship or some combination of both to make the 60 credits required for the Programming certificate.

TOTAL PROGRAM CREDITS   62-77

Information Technology: Web Development

Information Technology Programs

The Information Technology three- to seven-quarter certificate and Associate of Applied Science – Transfer (A.A.S.-T) degree 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.

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

PREREQUISITES

Eligibility for ENGL&101 and College Math. Waivers or test out may be available.

BTM	111	Business Applications I	5

Waivers or test out may be available.

ITC	102	Information Systems Concepts	5

Waivers or test out may be available.

TECHNICAL SPECIALTY COURSES

ITC	110	Programming Fundamentals	5
ITC	134	Intro to Software Development & Version	5
ITC	220	Database Development	5
WEB	110	Web Authoring I	5

TECHNICAL SPECIALTY TRACKS

Choose from two of the seven tracks below:

DATABASE DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
ITC	222	SQL w/Server	5
ITC	224	Database Programming	5
ITC	226	Database Administration	5
ITC	255	Systems Analysis	5

MOBILE DEVELOPMENT TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	162	Android Application Development 1	5
ITC	165	Android Application Development 2	5
ITC	255	Systems Analysis	5

SOFTWARE DEVELOPER TRACK

ITC	115	Object Oriented Programming	5
ITC	155	Data Structures and Algorithms with Java	5
ITC	255	Systems Analysis	5

WEB DEVELOPMENT TRACK

ITC	172	NET Web Programming	5
		-OR- WEB 170 Content Systems Management	5
ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5
WEB	120	Web Authoring II	5

WEB PROGRAMMING TRACK

ITC	240	Web Application Programming 1	5
ITC	250	Web Application Programming 2	5
ITC	260	Web Application Programming 3	5

WEB SCRIPTING TRACK

ITC	230	Advanced JavaScript	5
WEB	120	Web Authoring II	5
WEB	150	Introduction to JavaScript	5

WEB DESIGN TRACK

WEB	120	Web Authoring II	5
WEB	130	Web Authoring III	5
WEB	200	Theory of Web Design	5
WEB	202	User-Centered Design	5
WEB	204	Research Methods	5

RELATED INSTRUCTION

ITC	205	Career Strategies	2
IT Electives			up to 15

Following can be substituted: Internship
Based on chosen tracks, student may either take an additional 0 to 15 credits of IT electives or internship or some combination of both to make the 60 credits required for the Programming certificate.

RELATED INSTRUCTION – A.A.S.-T

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

Following can be substituted:
ENGL&235 Technical Writing*

HUM	105	Intercultural Communication	5

Following can be substituted:
ENGL&235 Technical Writing*

ITC	285	Capstone Project Class	5
MATH	136	Inferential Statistics	5

Following can be substituted:
MATH&146 Introduction to Stats

Natural World Science Course		5
ICS Social Science Course		5
TOTAL PROGRAM CREDITS		98-107

* ENGL 235 Technical Writing may substitute for either ENGL&102 or HUM&105 but not for both.

CISCO Certified Network Professional (CCNP) Short-Term Certificate

Business, Information Technologies & Creative Arts Division

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, and advanced security, as well as 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 subnetting; 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

CISCO Specialist II Short-Term Certificate

Information Technology Programs

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 Security for Computing	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

Cloud Specialist Short-Term Certificate

Business, Information Technologies & Creative Arts Division

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 reordering 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

Linux Short-Term Certificate

Business, Information Technologies & Creative Arts Division

This three-class series of courses prepares 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, and LAN/WAN support applications, as well as 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
NTI	320	Optimization and Monitoring of Enterprise Networks	5
TOTAL PROGRAM CREDITS			15

Microsoft Specialist II Short-Term Certificate

Information Technology Programs

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 Operating Systems 3 – Sysop Applications	5
NET	134	Network IAC (Infrastructure as Code) & Design	5

ELECTIVES

Any IT course - Recommended Electives listed below:

ITC	110	Programming Fundamentals	5
		Following can be substituted: Recommend ITC 110 or ITC 220	
ITC	220	Database Development	5
		Following can be substituted: Recommend ITC 110 or ITC 220	
ELECTIVE CREDITS			5
TOTAL PROGRAM CREDITS			15

Microsoft Specialist III Short-Term Certificate

Information Technology Programs

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 Applications	10
TOTAL PROGRAM CREDITS			15

Maritime

Seattle Maritime Academy

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 90-day at-sea internship on a large commercial vessel.

SMA offers the Marine Deck Technology curriculum as a 63- to 64-credit program, culminating in a certificate in Marine Deck Technology. Students will also be eligible for a U.S. Merchant Mariners document endorsed with any and/or all of the following Able Bodied Seaman (A.B.) ratings: Able Seaman (National); RFPNW, Basic Safety Training, and Lifeboatmen. The MET certificate program also qualifies each graduate for an STCW "ratings forming part of an navigation watch" endorsement.

Marine Deck Technology Certificate

TECHNICAL SPECIALTY COURSES

MGO	101	Principles of Marine Mechanics	2
MGO	103	Survival Craft	3
MGO	111	Seamanship	3
MGO	112	Marlinspike	2
MGO	113	Marine Safety	3
MGO	120	Vessel Maintenance	2
MGO	123	Basic Piloting 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
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

RELATED INSTRUCTION

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

Community Service/Industry Support Courses
- Basic Electricity for Small Boats & Recreational Boaters
- Diesel Engine Maintenance & Operation
- Knots and Brews
- Plan Your Perfect Trip to San Juans
- Transiting the Ballard Locks
- Navionics Navigation App

Certification Preparatory Courses
- EPA 608 Refrigeration Technician (testing)

Marine Engineering Technology Certificate

TECHNICAL SPECIALTY COURSES

MGO	101	Principles of Marine Mechanics	2
MGO	103	Survival Craft	3
MGO	111	Seamanship	3
MGO	113	Marine Safety	3
MGO	127	Fundamentals of Marine Electricity	4
MGO	147	Marine Engineering Practicum	6
MGO	177	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

Nursing

Nursing

Associate in Nursing Direct Transfer Agreement/Major Related Program (ADN DTA/MRP)

The Associate Degree Nursing Program (ADN) offers an Associate in Nursing – Direct Transfer Agreement/Major Related Program (A.N.-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	Intercultural Communication	5
Humanities Electives			5
		See Advising for list of approved courses	

TECHNICAL SPECIALTY COURSES

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	204	Medical – Surgical Nursing III	5
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	225	Maternal Practice	1
NURS	226	Transitions to Professional Nursing Role	3
NURS	234	Pediatric Practice	1
NUTR&	101	Nutrition	5
PHIL	131	Ethics and Policy in Health Care I	1
PHIL	132	Ethics and Policy in Health Care II	2
PHIL	230	Ethics and Policy in Health Care III	2
PSYC	132	Psychosocial Issues in Health Care I	2
PSYC	231	Psychosocial Issues in Health Care II	2
PSYC	232	Psychosocial Issues in Health Care III	1
TOTAL PROGRAM CREDITS			135

Nursing: Nursing Assistant Short-Term Certificate

Health and Human Services Division

This course provides instruction and hands-on experience in basic nursing care skills, including first aid, CPR, and HIV/AIDS, and it provides 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

Social & Human Services

Social & Human Services & Child & Family Studies

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 their 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 nonprofit 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 (A.A.S.) Degree

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
		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: 2-5K; Total required credits: 4	
SHS	210	Intro to Diversity in Human Services Practice	3

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	Human Service Practice with LGBTQ Populations	3
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	Drug Addiction and Society	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	3
SHS	275	Chemical Dependency and Domestic Violence	3
SHS	280	Chemical Dependency Case Management	3
SHS	296	Special Topics	1
		Maximum of 8 credits may be applied toward degree.	
SHS	297	Special Topics	2
		Maximum of 8 credits may be applied toward degree.	
SHS	298	Special Topics	5
		Maximum of 8 credits may be applied toward degree.	
SHS	299	Independent Study or Research	5
		Maximum of 8 credits may be applied toward degree.	
		Credit range: 1-5 credits; 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 (A.A.S.-T) Degree

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	Human Service Practice with LGBTQ Populations	3
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	Drug Addiction and Society	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	3
SHS	275	Chemical Dependency and Domestic Violence	3
SHS	280	Chemical Dependency Case Management	3
SHS	296	Special Topics	1

Maximum of 8 credits may be applied toward degree.

SHS	297	Special Topics	2

Maximum of 8 credits may be applied toward degree.

SHS	298	Special Topics	5

Maximum of 8 credits may be applied toward degree.

SHS	299	Independent Study or Research	5

Maximum of 8 credits may be applied toward degree.
Credit range: 1-5 credits; 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

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

Health Care & Human Services, Business, Languages & Cultures Division

This four-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 summer quarter only. Surgical Technology also offers a short-term certificate: Sterile Processing.

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

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
PSYC&	100	General Psychology	5
		Following can be substituted: PSYC&200 Lifespan Psychology	5
TOTAL PREREQUISITE CREDITS			**20**

TECHNICAL SPECIALTY COURSES

AHE	126	Essential Skills in Health Care	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	8
SURG	125	Clinical Practice I	4
SURG	133	Surgical Theory III	8
SURG	135	Clinical Practice II	10
TOTAL PROGRAM CREDITS			**86**

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

PROGRAM ENTRANCE REQUIREMENTS

High School Diploma or GED equivalent in the U.S.
Eligibility for Math 085
All prerequisites must be completed with a 2.0 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

AHE	168	Medical Terminology	5
BIOL	128	Survey of Human Anatomy & Physiology	5
ENGL&	101	English Composition	5
HUM	105	Intercultural Communication	5
MATH&	146	Introduction to Statistics	5
PHYS&	100	Physics for Non-Science Majors	5
		Following can be substituted: PHYS&200 Lifespan Psychology	
TOTAL PREREQUISITES CREDITS			**30**

TECHNICAL SPECIALTY COURSES

AHE	126	Essential Skills in Health Care	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	8
SURG	125	Clinical Practice I	4
SURG	133	Surgical Theory III	8
SURG	135	Clinical Practice II	10
TOTAL PROGRAM CREDITS			**96**

Visual Media

Arts, Humanities, and Social Sciences

Examine concepts, ask questions, solve creative problems, and push the boundaries of traditional media using the power of still and motion imagery. Expand your knowledge both individually and in small teams to craft creative solutions from aesthetic conception to final application. The Visual Media program is a rigorous two-year curriculum providing the framework for a strong portfolio and guidance for career preparation, whether as an entrepreneur or a visual communications professional.

The Visual Media program immerses you in the foundations of digital storytelling using modern photography and video technology. Nurture your development of essential skills in lighting and composition for digital capture, both in studio and on location; post-production editing; and critical thinking and professional communication skills.

As part of the Seattle Central Creative Academy, the Visual Media program provides an unmatched environment in your pursuit of visual media competency, with modern cooperative learning spaces and supportive faculty. Explore a range of disciplines while connecting with industry professionals through portfolio reviews, guest lectures, and work-based opportunities.

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

TECHNICAL SPECIALTY COURSES

PHO	197	Work Experience – Photography	3
VME	110	Professional Practices I	3.5
VME	111	Professional Practices II	3.5
VME	120	Lighting Techniques I	3.5
VME	121	Lighting Techniques II	3.5
VME	131	Conceptual Solutions I	3.5
VME	145	Digital Imaging I	3.5
VME	146	Digital Imaging II	3.5
VME	147	Digital Imaging III	3.5
VME	150	Visual Media I	3.5
VME	151	Visual Media II	3.5
VME	160	Studio Techniques I	3.5
VME	232	Conceptual Solutions II	4

VME	245	Audio Production I 4
VME	250	Visual Media IV 4
VME	251	Visual Media V 4
VME	252	Visual Media VI 4
VME	261	Studio Techniques II 4
VME	262	Studio Techniques III. 4
VME	270	Professional Business Practices:
		Visual Media 4
VME	276	Portfolio Show 4
VME	280	Special Projects I 4
VME	281	Special Projects II. 4
VME	282	Special Projects III 4
VME	286	Portfolio 4

RELATED INSTRUCTION

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

TOTAL PROGRAM CREDITS	111.5

Wood Technology: Boatbuilding and Repair

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.

Certificate

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

RELATED INSTRUCTION

ENGL	105	Applied Composition. 3
MATH	110	Applied Math for Technicians 3
MIC	103	Computer Applications for Builders. 3
		Following can be substituted:
		MIC 203 Introduction to CAD 3
PSYC	240	Psychology of Human Relations 3

TOTAL PROGRAM CREDITS	84

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

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

RELATED INSTRUCTION

ENGL	105	Applied Composition. 3
MATH	110	Applied Math for Technicians 3
MIC	103	Computer Applications for Builders. 3
		Following can be substituted:
		MIC 203 Introduction to CAD 3
PSYC	240	Psychology of Human Relations 3

ELECTIVES

Choose from one of the following courses:

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

TOTAL PROGRAM CREDITS	94-116

Wood Technology: Cabinetmaking & Architectural Woodworking

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

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

TECHNICAL SPECIALTY COURSES

WCO	110	Introduction to Professional Woodworking. . .18
WCO	150	Cabinetmaking & Fine Woodworking 18
WCO	153	Basic Cabinetmaking Fundamentals. 18
WCO	155	Advanced Cabinetmaking Architectural
		Woodworking Fundamentals 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

Wood Technology: Cabinetmaking & Fine Woodworking

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

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

Wood Technology: Carpentry

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.

Certificate

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

Wood Technology: Carpentry

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

Finish Fundamentals Short-Term Certificate

Wood Technology: Carpentry

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

Wood Technology: Carpentry

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