



Welcome

Welcome to South Seattle College. South has educational opportunities to meet a wide variety of interests and needs, whether on the main campus in West Seattle, through online courses, or at one of the satellite campuses. Real-world experience is emphasized through team-learning projects and portfolio development, or internships and classes that engage students in the learning process.

The main campus is located on 87-wooded acres in West Seattle, overlooking downtown Seattle and Elliott Bay. The six-acre college arboretum is adjacent to the site of the developing Seattle Chinese Garden.

Students are offered a wide variety of educational opportunities, from certificates to Associate of Arts Degrees and even Bachelor's Degrees. In addition to offering classes towards a Bachelor's Degree through our on-campus University partners, South offers three Bachelor of Applied Science degrees in Hospitality Management, Professional Technical Teacher Education, and Sustainable Building Science Technology.

South takes pride in celebrating a diverse campus that includes a wide mix of students from regions all over the globe. As a campus, South's faculty and staff are committed to student success and to helping students turn their academic dreams into reality. Start here, go anywhere!

Getting Started at South

Admissions	(206) 934-7943
Financial Aid	(206) 934-5317
Registration	(206) 934-7938
TDD	(206) 934-5845

southseattle.edu

Mission

South Seattle College is a constantly evolving educational community dedicated to providing quality learning experiences which prepare students to meet their goals for life and work. The college values and promotes a close involvement with the community and strong partnerships with business, labor and industry.

The college commits to meeting the diverse needs of students by providing:

- Applied baccalaureate, associate degree, college transfer, certificate, technical and professional, and pre-college programs which prepare students to succeed in their careers and further their education.
- Responsive technical and professional training programs developed in collaboration with business, labor, and industry.
- Student-centered and community-centered programs and services which value diversity, support learning, and promote student success.
- Lifelong learning opportunities for the cultural, social, professional and personal development of the members of our communities.

Core Themes

- Student Achievement
- Teaching and Learning
- College Culture and Climate
- Community Engagement and Partnerships



Facts at a Glance*

2015–2016 ANNUAL PROFILES

Annual attendance 2015–2016 14,922

Special Enrollments

Distance Education	6,883
Running Start	332
International Students	959
Worker Retraining	553

FALL 2016 PROFILES

Students **

Median age	28
Ethnic diversity	51%
Male/Female	65%/35%
With bachelor or higher degrees	14%
Employed	64%
full time	46%
With dependents	33%
single parents	9%
Full-time/Part-time attendance	34%/66%

Programs

College Transfer	20%
Workforce Education	47%
Basic Skills	9%
Pre-college & Other	24%

Course Funding Sources

State-funded	74%
Contract-supported	11%
Student-supported	15%

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

** State-funded

Specialized Training Centers

Georgetown Campus of South Seattle College

Apprenticeship & Education Center

Washington State Labor, Education and Research Center

6737 Corson Avenue South

(206) 934-5350

georgetown.southseattle.edu/

South Seattle College's Georgetown Campus is a leader in green and sustainability education, offering courses in residential energy auditing, weatherization, and specialized contract training. Located on the Georgetown Campus is South's Apprenticeship & Education Center, one of the largest facilities of its type on the west coast, serving apprentices and journey-level workers in more than 30 trades. Georgetown also houses Corporate & Customized Training, which provide a wide variety of training and services for the industrial business community.

The Washington State Labor, Education and Research Center at Georgetown offers workshops and training for unions and other organizations concerned with economic justice.

The Georgetown Campus received a 2008 Governor's Economic and Workforce Development Award and a 2009 Vision 2020 Award from the Puget Sound Regional Council. In 2013, the Manufacturing Academy won the National Council for Workforce Education's Outstanding Program Award.

NewHolly Learning Center

7058 32nd Avenue S.

2nd floor of the Learners Building

Seattle, WA 98118

(206) 934-6642

southseattle.edu/programs/holly.htm

NewHolly is a community whose mission is to foster the success of youth, adults and families. In implementing this mission, South Seattle College, along with community partners, values and promotes services that build on strengths, diversity and multiculturalism, public-private collaboration, an open and engaged community, and a commitment to innovation. South Seattle College offers English as a Second Language (ESL) and a Corrections Training program at NewHolly.

Harbor Island Training Center

1731 13th Avenue SW

Seattle, WA 98134

southseattle.edu/harbor-island-training-center/

South Seattle College and Vigor have formed the Harbor Island Training Center, a public/private partnership located onsite at Vigor on Harbor Island. A college in a shipyard, South Seattle offers an intensive maritime welding program to train welders with the necessary certifications needed for the regional shipbuilding and repair community.

Academic & Student Support Services

Advising Center

(206) 934-5387
southseattle.edu/advising

The Advising Center assists students to define and meet their educational goals while providing effective referrals to other support services. Services provided by advisors include: academic advising and educational planning, College Transfer degree information, Professional/Technical degree information, assistance with petitions for waivers and/or exceptions, assistance with academic difficulty, transfer planning, monitoring degree progress, and graduation applications. Advisors serve new students and students enrolled in college transfer, professional/technical, High School Diploma (ages 21+), General Education Development (GED®), English as a Second Language (ESL), and undecided students.

Counseling Services

(206) 934-5387
southseattle.edu/counseling

Counselors are faculty members who help students and prospective students establish and achieve educational, career and personal goals based on a comprehensive assessment of their personalities, interests, skills, values, and other resources. South Seattle College has three full-time counselors who hold master's degrees in counseling.

Career Services

WorkSource Affiliate and Connection Sites

(WorkSource Affiliate Main Campus: (206) 934-5304

WorkSource Connection Site: (206) 934-5359

<http://www.southseattle.edu/worksource/>

Student & Alum Job Board: <http://seattlecolleges.edu/careerhub/>

The WorkSource/Career Services Centers offer a full spectrum of employment services to students, alums, and community members using an innovative “Embedded Career Services” approach that partners with faculty to help students obtain employment upon program completion.

The WorkSource/Career Services Centers have self-service labs with multiple computers, career exploration tools and knowledgeable staff to assist in navigating the Internet to apply for positions and research employers.

Individuals may schedule 1:1 appointments with Embedded Career Specialists or WIOA staff members and participate in workshops focused on creating a resume and interviewing successfully.

Class Schedule – Quarterly

(206) 934-5300
classes.southseattle.edu

Each college produces a quarterly Class Schedule listing the specific courses being offered that quarter. This schedule is available online approximately six weeks before the start of each quarter. View or download the online class schedule at the website above.

Cultural Center

(206) 934-7969
southseattle.edu/cultural-center/

The Cultural Center empowers student leaders to explore, celebrate, and educate the campus community about the diversity among us. We offer an inclusive and reflective space, multicultural programming, and support services that encourage positive interaction, academic persistence, and growth among students, faculty, and staff.

Disability Support Services Educational Support Services

(206) 934-5137 (voice)
 TTY 1-800-833-6384 or 711 for
 Washington State relay service
southseattle.edu/disability-support/

Disability Support Services (DSS) coordinates services and arranges academic adjustments for students with disabilities at South Seattle College. The DSS Office provides accommodations to ensure physical and programmatic access to college services, programs, and activities.

To receive services, students complete an intake appointment in the DSS office and provide documentation of disability. Individualized academic adjustments will then be determined. Please note some services may require six weeks or more to arrange. Contact the DSS office as early as possible in your educational planning to avoid delays in service.

This office also offers consultation and resources to faculty in providing academic adjustments to meet the needs of students with disabilities. Assistive technology is also available for student use on campus.

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

Information Technology Services (ITS)

(206) 934-5844

The college provides a high-speed network linking Windows-based workstations to the Internet via a fiber-optic system. At our main campus we have 27 instructional computer/lab classrooms and three Open Labs. Our remote sites, Georgetown and New Holly, have two computer classrooms at each site. Each machine is equipped with a large variety of production software available for student use. Open Computer Labs are available for use by any student who pays the computer lab fee. A quarterly lab fee is charged at registration and students must have a valid Student I.D. number in order to log on to computers on campus.

International Programs

The Center for International Education

(206) 934-5360

email: ip@seattlecolleges.edu
southseattle.edu/international/

This office supports the development of global citizenship through programs and services that support international students studying at South, and South students studying abroad. Key functions of the office include International student admissions and comprehensive support services, oversight of the Intensive English Program, and the development of resources and programming for faculty, staff and student exchanges.

See page 27 for additional information.

Library

(206) 934-5395

libguides.southseattle.edu/home/

The library supports the college's mission by providing students, faculty, staff and the community with the services, information, resources, and equipment necessary to accomplish the college's academic and institutional goals. The library acquires and maintains relevant collections in a variety of formats and offers services to promote their use and foster information literacy skills in patrons.

The library also plays an active role in the instructional program by offering course-related library instruction, and by consulting with faculty about collection development and services. Goals include service excellence through timely, competent and cheerful service; a comfortable physical environment; and responsiveness to the changing needs of patrons.

The library collection includes over 60,000 print books, reference volumes and periodicals, as well as more than two dozen databases with access to thousands of periodicals, books and other sources.

Multicultural

Office of Diversity & Retention

(206) 934-6455

southseattle.edu/diversity-and-retention/

The Diversity & Retention Department includes an Office of Diversity & Retention, President's Committee on Diversity and Retention, a Cultural Center, Veterans Student Center, and the Women's Center. Diversity & Retention is a network of departments working together to foster an inclusive campus community by providing education about diversity, social justice, gender equity, and multiculturalism. We advocate for the persistence and success of student, faculty and staff of color and underrepresented groups through academics, leadership opportunities, support services, programming and college-wide initiatives.

Opportunity Grant Scholarship

(206) 934-5200

southseattle.edu/resources/opportunitygrant.htm

The goal of the Opportunity Grant Scholarship (OGS) is to assist low-income adults to reach the educational tipping point and beyond in high-wage, high-demand professional technical careers by providing financial and student support services. Reaching the tipping point allows students to complete 45 credits, receive a credential, and increase job skills and knowledge through career pathways. Students are encouraged to visit the OGS website for further information and for the application form.

Student Assessment Services

(206) 934.6765

southseattle.edu/sas/placement.htm

Student Assessment Services, as part of its assessment functions, administers placement tests, GED examinations and various other instruments for students and our community. See the college website for the assessment calendar, links to practice sites, information about the tests and more. Location: Room 76, Robert Smith Building.

Student Success Programs

AANAPISI

Asian American Native American Pacific Islander Serving Institution Program
(206) 934-5196

southseattle.edu/programs/aanapisi.htm

South is one of the first institutions to be designated as an Asian American Native American Pacific Islander Serving Institution (AANAPISI).

The AANAPISI Center, located on the second floor of the Library, Room 220, is a great place to study, and to receive services, including

- academic advising
- professional development on understanding and working with AAPI students
- deferrals to appropriate campus and community services
- support from AAPI student groups such as the Pacific Islander student club
- study groups
- tutoring services

TRiO – Student Success Services

(206) 934-5326

southseattle.edu/trio

Student Success Services promotes student retention by providing students with resources that help them to progress in college, graduate and transfer to four-year universities.

Key features include:

- educating students about how the college system works and how to improve their academic performance and problem-solving skills
- creating a welcoming environment where students feel a sense of belonging in the college setting
- adapting college educational policies and services in response to wide-ranging and changing student development needs

The program's primary components are CLIC (Collaborative Learning and Instruction Center), transfer and scholarship assistance, and information regarding financial aid, economic literacy, and referrals to resources.

Student Success Services is funded through the U.S. Department of Education's Title IV TRiO grants. The program works with first-generation college students, low-income students, and physically and/or learning-disabled students, as outlined in the Department of Education guidelines. Students are encouraged to participate in the program throughout their attendance at South until they graduate or transfer.

Transfer Resources

(206) 934-5387

Transfer Resources are available to all students wanting to transfer to a four-year college or university to earn a Bachelor's degree. Students are guided through the transfer process as they learn about admission guidelines, preparing for their major, writing personal statements, and other important topics. Transfer events, workshops, and fairs are hosted on campus throughout the academic year to connect students directly to representatives from the four-year schools.

Tutoring Services

Tutoring Center

(206) 934-6650

southseattle.edu/tutoring/tutor-center.aspx

The South Seattle College Tutoring Center recognizes the complex needs of our diverse student population in academic and vocational programs. We support student success by providing a variety of free tutoring services that includes drop-in centers, small group tutoring, and online tutoring to ensure that students receive the help they need in order to complete their educational goals. Students should contact the Tutoring Center for more information and schedules.

MAST: The Math and Science Tutoring Center

(206) 934-6650

southseattle.edu/tutoring/mast.aspx

Drop-in help is available for all levels of math and science in Room 18, Robert Smith Building. Tutors are available to help students solve problems and improve their math, chemistry, physics and statistics. Students can earn credit while working in MAST by signing up for MAT 089, MAT 090, or MAT 198.

The MALL: Math and Learning Lab

(206) 934-6650

southseattle.edu/tutoring/mall.aspx

Drop-in help is available in Library Room 215 for students enrolled in developmental math classes. Emphasis is placed on learning good study skills along with individual help in problem solving.

GEEK HAUZ: Computer Learning Center

(206) 934-6650

southseattle.edu/tutoring/geek-hauz.aspx

Drop-in tutoring assistance is available for students enrolled in computer technology courses and students who need help troubleshooting their computer problems. Schedules may vary based on student need.

Writing Center

(206) 934-6412

southseattle.edu/tutoring/writing-center.aspx

The Writing Center in Library room 205 assists students with their writing assignments and promotes writing across the curriculum. Students work with trained peer writing assistants who help them explore and develop ideas, clarify their thoughts and produce a polished, finished product. User-friendly word processing programs are available for student use.

Writing and Language Lab (The WALL)

(206) 934-6650

southseattle.edu/tutoring/wall.aspx

The Writing and Language Lab (The WALL) in Room 16, Robert Smith Building, assists students with their writing assignments and oral presentations and study skills. Students work with faculty or tutors and in study groups in a lab setting. The WALL is particularly designed for students who do not speak English as their first language and for students in the Adult Basic Education program. However, all students enrolled at South are welcome

Online Tutoring

(206) 934-6650

southseattle.edu/tutoring/online.aspx

South Seattle College is a member of the Northwest E-Tutoring Consortium and offers free online tutoring in all subject areas. Students who can't meet with tutors during our normal operating hours are invited to explore E-tutoring service. Anyone registered at South may use this service to receive online tutoring in writing, math, accounting biology, and numerous other academic subjects.

BUS/ACCT: Business & Accounting Center

(206) 934-6650

southseattle.edu/tutoring/

Drop-in help is available in OLY 205 for students enrolled in business and accounting classes.



Veterans Affairs

(206) 934-5811

southseattle.edu/veterans/

The Veterans Affairs Office at South Seattle serves as a liaison between military veterans, dependents, reservists/guardsmen and disabled veterans (military service-connected disabilities) and the Department of Veterans Affairs. The office also approves state tuition waivers for eligible veterans and their dependents and is the primary contact for assistance with completing the necessary paperwork required to obtain veteran educational benefits and for guidance on VA regulations regarding educational benefits.

See page 33 for further veterans' assistance and financial aid information.

Women's Center

(206) 934-6801

southseattle.edu/womens-center/

The Women's Center is dedicated to supporting the academic, personal, and professional success of women in the campus community by providing resource referrals, educational programs and opportunities that address gender equity and women's issues and concerns in a friendly supportive environment for individuals of all gender identities. Visit Room 148, Brockey Student Center.

WorkForce/BFET Programs

(206) 934-5835 or (206) 934-6666

southseattle.edu/programs/workretr.htm

WorkForce offers short-term and long-term training in technical education programs such as health care, transportation, information technology, manufacturing technology and more. Temporary Assistance to Needy Families/TANF recipients, low-income adults and Basic Food & Employment Training (BFET) recipients receive tuition assistance for job skills training, GED/ABE and technical education.

Also see Career Development/WorkSource Affiliate on page 155 and Worker Retraining, page 29.

Student Life

Art Gallery

(206) 934-5337

southseattle.edu/art-gallery

The mission of the art gallery is to promote understanding and the appreciation of the arts within the South Seattle College campus and in the surrounding communities. The art gallery mounts exhibitions that contribute to education and cultural enrichment while engaging the college community in learning opportunities and supporting cultural and artistic diversity.

Bookstore

(206) 934-5338

southsc.bncollege.com

The Bookstore carries new, used, rental, and digital textbooks, as well as school supplies, clothing, gifts, food, beverages, and greeting cards. Textbooks and other supplies may be purchased online for store pick up or direct shipping. The Bookstore also offers cash for books. The best time to sell is finals week of each quarter.

Childcare Center

(206) 934-5348

The Childcare Center is state-certified and provides quality care for children of South Seattle College students, employees and the community. Since 1976 the program has offered a convenient on-campus location with a family-oriented atmosphere, parent education opportunities, flexible scheduling, and a curriculum that stimulates and challenges toddler and preschool-aged children while providing them with an opportunity to gain socialization skills. Staff trained in early childhood development create a welcoming and supportive environment. Contact the Childcare Center for specific information regarding enrollment, fees, and hours.

Copy Center

(206) 934-6662

The Copy Center is located in the Library. Printing is done by Copy Center staff, or on a self-service copier. Various sizes and colors of paper, including résumé quality, are available. The Copy Center also creates transparencies for classroom presentations.

Food Services

(206) 934-5344

A variety of meal and snack selections is available in the campus Cafeteria, Deli and Grill, ranging from complete hot meals or quick food items to custom-made sandwiches, beverages, snacks and takeout items. Both breakfast and lunch items are available.

In addition, the Culinary Arts and Baking and Pastry Arts students prepare and serve award-winning cuisine in two dining rooms, also located in the Food Science Building. The Café Alki offers cold starter plates, soups, sandwiches and a selection of moderately priced hot food entrees. The Alhadeff Grill, with more upscale dining, offers a full menu. The dining rooms are open for lunch weekdays during the instructional quarter. Reservations are encouraged.

Bernie's Pastry Shop, located in Cascade Court, is a retail sales outlet featuring baked goods prepared by students during the instructional quarter, as well as soup, sandwiches, coffee, espresso, cold beverages, and more.

Housing

(206) 934-5332

On-campus housing is not available. However, a bulletin board located in the Jerry Brockey Student Center lists various accommodations available in the local area. Check out the bulletin board for housing needs, or phone with room or apartment rental availability. Flyers can be posted in the Brockey Student Center, Room 135.

Recreation & Intramurals

(206) 934-6670

southseattle.edu/student-life/campus-recreation/

Campus Recreation at South includes the Games Room, Fitness Center, and Outdoor Sports Court facilities, recreational activities and intramural sports. The staff, through facilities and services, provides health, wellness, nutritional, and personal growth programs that complement overall learning outcomes and promote student retention and success.

The Games Room offers gaming systems, billiards tables, Table Tennis, and board games, and sports equipment for check out with a student ID.

Campus Recreation also offers excursions to professional sports games, hiking, kayaking and team sports on a clubs/intramurals level. Recreational Clubs and Sports clubs can be formed through our campus recreation department. Contact the recreation coordinator or visit the Game-Room Office in the Brockey Student Center, Room 152.

Fitness Center

(206) 934-6471

southseattle.edu/student-life/campus-recreation/fitness-center.aspx

The Fitness Center provides the campus community with an opportunity to promote a healthy lifestyle at this weightlifting and training facility. Cardio equipment such as treadmills, ellipticals, stepmill, arc trainer, bikes and rowing machines, and resistance equipment such as cable weight machines and free weights are available, as well as lockers and showers. Student ID is required. The Fitness Center is located in the Multi-Purpose Building/Fitness Center. Check the website for updated hours.

Safety

(206) 934-5157

Student well-being and safety are of utmost importance. It is vital that students follow strict safety procedures with equipment in all classes, especially technical-vocational classes. In the event of an on-campus accident or injury, the incident should be reported to the Security Office so an accident report can be completed. Students should immediately call 911 for serious injuries. Instructors must be notified if the accident occurs during class.

For further information on personal safety, see page 42.

Student Clubs

(206) 934-5330

By getting involved in clubs, students participate in team-building exercises, participate in the campus community and strengthen their organizational and leadership skills. Students also have the opportunity to organize new student clubs at South. For more information and a list of current student clubs, please contact the club center coordinator or visit the Student Life Office in Brockey Center.

Student Government

(206) 934-6751

The United Student Association (USA) is the official governing body for students at South. Student officers are elected each spring to represent student interests. The USA meets weekly. For more information about how to get involved and/or how to become a paid student representative, contact the USA president or vice president. Office mailboxes are located in the Student Life office, Room 119.

Services and Activities Fee Board

S&A Fees are quarterly fees that some students pay as part of their tuition/registration fees. The purpose of the S&A Fee Board is to monitor S&A fee allocated funds and departmental expenditures throughout the academic year, allocate S&A fee monies on an annual basis, develop and maintain long-term fiscal plans for S&A fee carry forward/savings, and develop guidelines and address issues related to S&A fees. The S&A Fee Board is made up of five students: one from student government, one from student clubs, and three students at large (Chair, Treasurer and Communications Director) who meet weekly in the Student Life Office.

Student Leadership

Develop personal and leadership skills while attending college. Student Life provides monthly workshops, funding to attend local and regional student conferences, and opportunities to advocate for student interests by serving on campus-wide committees. Contact the United Student Association advisor for more information.

Student Leadership Development Transcript

Document your extracurricular involvement at South by signing up for the Student Leadership Development Transcript. Include this document in your university admissions packets, scholarship, and job applications. For more information, contact the United Student Association advisor.

Student Insurance

For brochures on student insurance, stop by the Cashier's Office in RS41 or call (206) 934-5388.

Student Life Office

(206) 934-5332

studentlife.southseattle.edu/index.html

The Office of Student Life in Room 135 of the Brockey Student Center oversees several areas in order to support and assist students in making their experience at South Seattle a successful one, including Phi Theta Kappa Honor Society; student activities; lost & found; student clubs; United Student Association (USA); student development transcript; and a student lounge with free coffee and tea.

Affiliate Organizations

Transportation & Parking

Transportation Coordinator
Room 62A, Robert Smith Building
southseattle.edu/services/parking.aspx

Bus Service

(206) 553-3000 (Metro Rider Information)

Due to space limitations and environmental concerns, carpooling and bus transportation are strongly encouraged. Students registered for 10 or more credits are eligible to purchase a discounted ORCA transit pass issued by the college at the Cashier's Office. The ORCA pass may be used to ride Community, Everett, Kitsap, Metro, Pierce and Sound Transit. For inquiries about other transportation options and benefits, contact the campus Transportation Coordinator.

Parking Services

(206) 934-5157

Parking on campus is available to registered students with the purchase of a student parking permit. Permits are available for purchase 30 days prior to the start of the quarter at seattlecolleges.edu/ParkingPermit.

Carpool parking is also available. Please see the Security and Transportation office for details. Parking rules and Washington State motor vehicle laws are enforced. The campus speed limit is 15 mph. Daily parking is available for purchase at the Cashier's Office or at a parking permit machine located near the parking lots.

Veterans Student Center

(206) 934-5308

southseattle.edu/veterans-student-center/

The Veterans Student Center in Cascade Court 120 is committed to ensuring that military, veterans and their families successfully make the transition from the military environment to campus life, and are assisted in their progress toward the completion of their educational goals. The Veterans Student Center provides services and activities and coordinates with other campus departments such as Academic Advising and Counseling, Educational Support Services, and Veteran Affairs.

South Seattle College Foundation

(206) 934-5809

southseattle.edu/foundation/foumain.htm

The South Seattle College Foundation, a non-profit 501 (c)(3), tax-exempt organization, promotes and supports educational programs and training pursuits. Since its inception in 1981, the South Foundation has received more than \$10 million in contributions from individuals, clubs and organizations, corporations and foundations.

The South Foundation serves an increasingly important role in supporting college programs and students.

Foundation scholarships, which provide pre-paid tuition, are awarded three times each year. Interested students should contact the Foundation Office for an application.



Programs of Study at South

SOUTH

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Programs of Study



General Education Definition and Rationale

See page 4.

General Education Learning Outcomes

Student Learning Outcomes are also known as General Education Requirements. These are the knowledge and abilities every student should have upon graduating with a certificate or degree from South Seattle College. While each academic or technical program has its own specific outcomes, these outcomes are the core curriculum for the college.

Communication

- Read and listen actively to learn and communicate
- Speak and write effectively for personal, academic and career purposes

Computation

- Use arithmetic and other basic mathematical operations as required by program of study
- Apply quantitative skills for personal, academic and career purposes

Human Relations

- Use social skills to work in groups effectively
- Have knowledge of the diverse cultures represented in our multicultural society

Critical Thinking & Problem-Solving

- Think critically in evaluating information, solving problems and making decisions

Technology

- Select and use appropriate technological tools for personal, academic and career tasks

Personal Responsibility

- Uphold the highest standards of academic honesty and integrity
- Respect the rights of others in the classroom, online, and in all other school activities.
- Attend class regularly, complete assignments on time, and effectively participate in classroom and online discussions, group work, and other class-related projects and activities.
- Abide by appropriate safety rules in laboratories, shops, and classrooms

Information Literacy

- Have knowledge about legal and ethical issues related to the use of information
- Use information effectively and ethically for a specific purpose.

Associate of Science Degree Learning Outcomes

Students who successfully complete this program will show:

- An ability to apply knowledge of mathematics and science to complex problems
- An ability to design and conduct experiments, as well as to analyze and interpret data
- An ability to think critically in evaluating information, solving problems and making decisions
- An ability to function on diverse, multi-disciplinary teams
- An ability to access and evaluate information from a variety of sources including the Internet
- An understanding of professional and ethical responsibility
- An ability to communicate effectively with written, oral, and visual means
- The broad education necessary to understand the impact of scientific and engineering solutions in a global and societal context
- A recognition of the need for and an ability to engage in lifelong learning
- An ability to use modern scientific and engineering techniques, skills, and technology necessary for scientific and engineering practice

9 Directions for Your Education and Training

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

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College Transfer

Academic Programs

(206) 934-6600

South Seattle College offers the Associate of Arts (A.A.) degree to meet the general education requirements for four-year baccalaureate degrees in arts and sciences. In addition to the general A.A. degree, the College offers an A.A. option in Asian and Pacific Islander Studies, an Associate in Business (A.B.) - Direct Transfer Agreement/Major-Ready Program (DTA/MRP). The College also offers an Associate of Science (A.S.) transfer degree, with several major-specific pathways (or "tracks") which include Biology, Chemistry, Computer Science, Physics, and various Engineering specialties. Students should contact an advisor for details.

Students are encouraged to attain an Associate of Arts or Associate of Science transfer degree at South in order to ease transfer to a four-year institution, but students may also take individual classes for transfer. Students should confer with an academic advisor to ensure course transferability to their target four-year institution.

Students may be required to complete work in the college preparatory program if their records and test scores indicate a need for additional preparation in order to complete a degree program. College preparatory courses are not credited toward transfer degree requirements. College transfer courses at South Seattle College are offered in several disciplines, including the following:

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

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

Associate of Arts Degree (A.A.) Direct Transfer Agreement

The Associate of Arts (A.A.) degree is a 90-credit transfer degree that fulfills the general education requirements for most four-year degrees in arts and sciences. To earn the A.A. degree, students must achieve a cumulative grade point average of 2.0 or better in courses numbered 100 and above, complete at least 15 credits at the Seattle College awarding the degree, and meet the requirements outlined below.

Students should contact college advising offices for listings of courses that satisfy degree requirements. Students planning to transfer to a four-year institution should be aware that they must complete all admission requirements for their destination institution. In addition, students are encouraged to give early consideration to possible majors and obtain information about requirements for these majors at their destination college or university.

BASIC REQUIREMENTS

Total Basic Requirements of 15 credits is comprised of 10 credits from the courses listed below and 5 credits from Quantitative/Symbolic Reasoning section that follows

ENGL& 101	English Composition	.....	.5
ENGL& 102	Composition II	.....	.5
BASIC REQUIREMENTS CREDITS			15

BASIC REQUIREMENTS - QUANTITATIVE/SYMBOLIC REASONING

Students completing the QSR requirement will be able to use quantitative or symbolic reasoning to understand, analyze, interpret and solve problems. Successful completion of any of the following classes satisfies the QSR requirement for Seattle Colleges. These courses may also satisfy the QSR requirement at baccalaureate institutions. Students should check the requirements of their destination institution.

Select 5 credits from the courses listed below:

MATH& 107	Math in Society	.....	.5
If using MATH &107 to meet both the IA proficiency requirement and the QSR requirement, students must earn a minimum 2.0 grade in the course.			
MATH 116	Q Applications of Math to Management Life & SSCI	.....	.5
MATH& 131	Math for Elementary Education 1	.....	.5
MATH 120, &131 and &132 do not meet the QSR requirement at University of Washington.			
MATH& 132	Math for Elementary Education 2	.....	.5
MATH 120, &131 and &132 do not meet the QSR requirement at University of Washington.			
MATH 136	Inferential Statistics	.....	.5
MATH& 141	Precalculus I	.....	.5
MATH& 142	Precalculus II	.....	.5
MATH& 146	Introduction to Statistics	.....	.5
MATH& 148	Business Calculus	.....	.5
MATH& 151	Calculus I	.....	.5
MATH& 152	Calculus II	.....	.5
MATH& 163	Calculus 3	.....	.5
MATH 220	Q - Linear Algebra	.....	.5
MATH 224	Q - Vector Calculus	.....	.5
MATH 238	Q - Differential Equations	.....	.5
PHIL& 120	Symbolic Logic	.....	.5
QUANTITATIVE/SYMBOLIC REASONING CREDITS			5

ELECTIVES

- Electives include:
- All college transfer courses numbered 100 or above
- Accounting, business administration and transfer engineering classes
- Physical Education activity courses (3 credit maximum)

- A maximum of 15 credits from a combination of the following:
 - Workforce Education Professional Technical courses numbered 100 and above
 - Human Development courses (HDC) numbered 100 and above (6-credit maximum)
 - Library research courses (6-credit maximum)
 - Cooperative Work Experience (CWE) courses numbered 100 and above (5-credit maximum)

ELECTIVES PROGRAM CREDITS	30
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AREAS OF KNOWLEDGE DISTRIBUTION

Visual, Literary and Performing Arts	15
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	.....	15
Choices must include a minimum of two different course prefixes.		
Natural World, the	.....	15
Choices must include a minimum of two different prefixes; 5 credits must be in a lab science. Students may choose up to 5 credits from the following list of courses: Anthropology, Computer Science, Engineering, Geography, Mathematics, Philosophy OR Psychology.		

AREAS OF KNOWLEDGE DISTRIBUTION CREDITS	45
TOTAL PROGRAM CREDITS	90

Associate in Business Direct Transfer Agreement (DTA)

This degree is suited for students planning to transfer into a baccalaureate business degree program. It will satisfy the lower division education requirements for business degrees at Washington's public 4-year colleges and universities including accounting & business courses.

BASIC REQUIREMENTS

Communication Skills

ENGL& 101 English Composition I5
ENGL& 102 Composition II5

COMMUNICATION SKILLS CREDITS	10
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Quantitative/Symbolic Reasoning Skills

MATH&148 Business Calculus5
Following can be substituted:		
MATH 151 Calculus I	.....	.5

QUANTITATIVE/SYMBOLIC REASONING SKILLS CREDITS	5
BASIC REQUIREMENTS CREDITS	15

DISTRIBUTION REQUIREMENTS**Visual, Literary and Performing Arts**

Choose from a minimum of two different prefixes - must include 5 credits in Communication (CMST)

Communication5

VISUAL, LITERARY AND PERFORMING ARTS CREDITS 15

Individuals, Cultures and Societies

ECON&201 Micro Economics5

ECON&202 Macro Economics5

ECON&202 satisfies Global Studies requirement

U.S. Cultures5

INDIVIDUALS, CULTURES AND SOCIETIES CREDITS 15

The Natural World

MATH 116 Applns of Math to Mgmt, Life & SSCI5

Elective5

Lab Science5

THE NATURAL WORLD CREDITS 15

DISTRIBUTION REQUIREMENTS CREDITS 45

BUSINESS ELECTIVES

ACCT& 201 Principles of Accounting I5

ACCT& 202 Principles of Accounting II5

ACCT& 203 Principles of Accounting III5

BUS 210 Business and Economic Statistics5

Following can be substituted:

MATH&146 Intro to Statistics5

Elective5

BUSINESS ELECTIVE CREDITS 30

TOTAL PROGRAM CREDITS 90

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

Associate of Arts - Emphasis in Asian Studies (A.A.)

The Associate of Arts (A.A.) degree with an emphasis in Asian Studies is intended to be a transferable two-year degree designed for students planning to transfer to a four-year institution offering a baccalaureate degree in Asian Studies. This degree currently offers two regional areas of focus: Eastern Asia and Southeastern Asia. Students have the opportunity to expand their knowledge of art, culture, history, language, literature, and the religions of these diverse regions. Students should contact the Advising office for details.

Associate of Science Degree - Transfer Pre-Major Program (A.S.)

This two-year Associate of Science degree program is designed for those who intend to pursue a bachelor's, master's, or doctoral degree in the following areas:

- Atmospheric Sciences
- Biological Sciences
- Chemistry
- Computer Science
- Engineering
- Environmental Sciences
- Geology
 - Mathematics
 - Medicine
 - Pharmacy
 - Physics

BASIC REQUIREMENTS

Select from the following depending on pre-major area:

ENGL& 101 English Composition I5

MATH& 146 Introduction to Statistics5

MATH& 151 Calculus I5

MATH& 152 Calculus II5

BASIC REQUIREMENTS CREDITS 20

AREAS OF KNOWLEDGE

Courses taken must have at least three different prefixes and must be from both areas:

Visual, Literary and Performing Arts5

Individual, Cultures and Societies5

AREAS OF KNOWLEDGE CREDITS 15

MAJOR AREAS OF STUDY

The number of credit requirements for major areas of study vary depending on pre-major. Students should consult with an advisor before preparing their academic plan.

MAJOR AREAS OF STUDY CREDITS 55-58

TOTAL PROGRAM CREDITS 90

2**Professional & Technical Programs**

See page 174 for details about South's programs.

3 Bachelor's Degrees

South Seattle College offers three Bachelor of Applied Science degrees in Hospitality Management, Professional/Technical Education and Instructional Design, and Sustainable Building Science Technology. These degrees build on associate degrees that provide workplace skills in specific career areas. When compared to traditional bachelor's degrees, applied baccalaureate degrees incorporate more applied, hands-on learning focused on a particular industry. They are designed with strong internship components and may offer credit for prior learning.

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

Hospitality Management

Technical Education
(206) 934-5394

The Bachelor of Applied Science (B.A.S.) in Hospitality Management at South Seattle College prepares those students who have completed a two-year technical degree or approved associate's degree with a broad skill set of competencies in the hospitality industry.

Students take upper-division classes to prepare for management, marketing, human resource, and technical positions in all facets of the hospitality industry, including tourism, hotel operation, restaurant management, catering, cruise ship-casino operations, and travel. Students will have opportunities to gain occupational competencies through internships and networking with industry leaders.

This program is unique in its focus to provide applied management training to students in the region's largest hospitality industry.

For detailed information on admissions criteria or other requirements refer to the Hospitality Management Student Handbook. Contact the Technical Education office for a copy.

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

TECHNICAL SPECIALTY COURSES

HMG	301	Introduction to Hospitality	3
HMG	302	Hospitality Management	5
HMG	303	Hospitality Marketing	5
HMG	310	Hospitality Computer Applications	3
HMG	311	Lodging Operations.	3
HMG	312	Legal Issues in Hospitality.	3
HMG	313	Entrepreneurship	3

HMG	314	Diversity and Culture in Travel and Tourism	5
HMG	401	Cost Controls	5
HMG	402	Hospitality Accounting.	5
HMG	411	Human Resource Management	3
HMG	412	Service Operations Management	5
HMG	420	Ethical Leadership	3
HMG	489	Professional Career Development	1
HMG	490	Internship Lecture	3
HMG	491	Hospitality Management Capstone.	5

ACADEMIC COURSE REQUIREMENTS

Lab Science Elective:		5	
BUS	210	Business and Economic Statistics	5
CMST&	220	Public Speaking	5
ECON&	201	Micro Economics	5
ENGL&	102	Composition II	5
NTR	150	Human Nutrition	5
TOTAL PROGRAM CREDITS			90

Professional Technical Education and Instructional Design

Technical Education
(206) 934-6783

The Bachelor of Applied Science (B.A.S.) degree in Professional Technical Education and Instructional Design is a 90-credit program that offers industry professionals a pathway to becoming a skilled Technical Education Teacher.

This B.A.S. is intended for students who (1) have completed a two-year associate of applied science-transfer (AAS-T) degree or another approved associate-transfer degree and; (2) have at least two years of industry specific work experience.

The program emphasizes upper-division coursework that focuses on the complexities of the adult learner, the role of community colleges in society, and issues of equity. Students will learn how to shift their focus from teaching purely for content mastery to student-centered learning and leadership.

Professional Technical Education and Instructional Design Bachelor of Applied Science Degree (B.A.S.)

TECHNICAL SPECIALTY COURSES

PTE	301	Workforce Instructional Methods and Materials.	3
PTE	302	Course Development Design	3
PTE	310	Managing the Learning Environment.	3
PTE	311	Technology in Learning	3
PTE	312	American Community College.	3
PTE	314	Professional Portfolio.	3
PTE	315	Workforce Experience Practicum	10

PTE	325	Organizational Leadership	2
PTE	345	Adult Learning	5
PTE	401	Student Support and Guidance	3
PTE	402	Assessment of Learning Performance	3
PTE	420	Legal Issues and Ethics in Education	3
PTE	460	Diversity and Globalism in Education	3
PTE	468	Program Management and Recruitment	3
PTE	489	Professional Development Certification	1
PTE	490	Teaching Internship	10
PTE	495	Capstone	3

ACADEMIC COURSE REQUIREMENTS

Lab Science Elective	5
CMST& 220 Public Speaking	5
ENGL& 102 Composition II	5
LIB 180 Research for the 21st Century	5
PHIL& 101 Introduction to Philosophy	5
SOC& 101 Introduction to Sociology	5
TOTAL PROGRAM CREDITS	90

Sustainable Building Science Technology

Technical Education
 (206) 934-5375
southseattle.edu/bas

The Bachelor of Applied Science (B.A.S.) degree in Sustainable Building Science Technology prepares students who have completed a two-year technical degree or approved associate degree for professional jobs managing the operations of high-tech buildings. Students enroll in upper-division classes that focus on building functions and project finance with the goal of making facilities more durable, sustainable, efficient and economical. Graduates will be eligible for employment in diverse fields such as operations maintenance, capital programs and project management, strategic planning and portfolio management, and corporate real estate finance.

For detailed information on admissions criteria or other requirements refer to the Sustainable Building Science Technology website.

Sustainable Building Science Technology Design Bachelor of Applied Science Degree (B.A.S.)

TECHNICAL SPECIALTY COURSES

SBST	301	Building Science	3
SBST	302	Building Components and Systems	2
SBST	314	Professional Portfolio	1
SBST	315	Workforce Experience Practicum	10
SBST	321	Building Codes in Washington State	2
SBST	322	Energy Analysis and Auditing	3
SBST	325	Internship	10

SBST	331	Financing Energy Efficiency and Renewable Energy	2
SBST	332	Building Energy Codes in Washington State	3
SBST	333	Building Controls for Energy Efficiency	4
SBST	401	Utility Rates, Regulation and Economics	2
SBST	402	Lighting	3
SBST	421	Energy Policy	3
SBST	422	Facility Management	4
SBST	431	Professional Communication	4
SBST	432	Fiscal Management for Facility Managers	3
SBST	489	Capstone	1

ADDITIONAL ACADEMIC COURSE REQUIREMENTS

ENGL& 102	Composition II	5
PHYS& 100	Physics	5
CMST& 220	Public Speaking	5
BUS 210	Business and Economic Statistics	5
INFO 180	Research for the 21st Century	5
VLPA	Elective	5
TOTAL CREDITS		90

Additional B.A. & B.S. Degree Opportunities at South

The University Center at South

southseattle.edu/universitycenter

The University Center also offer students majoring in Information Technology or Business Information Technology another opportunity to complete a four-year degree at South.

Eastern Washington University

(425) 564-5100
www.outreach.ewu/dieo/off-campus/bachelor-of-sciences-in-technology.htm

BACHELOR OF SCIENCE IN TECHNOLOGY: APPLIED TECHNOLOGY

For students who specialize in web design and development, computer applications/helpdesk, network administration, business information technology and more. To participate, students must first obtain an Associate of Applied Science degree at South Seattle, or be near completion of one, in any of the following programs: Computer Applications/Help Desk, Network Administration or Business Information Technology (BIT). All four years will be at South. Three of the four years students pay South's tuition rates; the fourth year students pay EWU's tuition rates.

4

Continuing & Contract Education

Community Lifelong Learning Classes

(206) 934-5339

cedstaff@seattlecolleges.edu

learnatsouth.org

Lifelong learning classes are non-credit and non-graded courses that focus on personal enrichment. An array of short-term courses are offered in such fields as languages and culture, gardening, food and wine, health and wellness, career planning, business basics, family and financial planning, and computer applications. New classes, including online classes, are developed continually. Register online.

Financial Planning

Affiliate of the College for Financial Planning

(206) 934-5339

learnatsouth.org

As an affiliate of the College for Financial Planning, South Seattle College offers both the educational course of instruction and the “Live Review” for those seeking to develop a professional career as a financial planner and/or those studying for the national certification exam for financial planners. Content areas include financial planning and insurance, investment, income tax and retirement planning, employee benefits and estate planning.

Internship/Cooperative Education

WorkSource/Career Development Services

(206) 934-7935

southseattle.edu/worksource/student-information.aspx

The Internship program offers the opportunity to apply what students learn in class in a professional setting. Internships are credit-bearing experiences that complement classroom learning and require permission. The Internship Office is located in the WorkSource Center and provides support for any South student who is interested in learning more.

Senior Adult Education

(206) 934-5339

learnatsouth.org

To meet the growing demand for lifelong learning opportunities, South Seattle College offers many classes and discussion groups designed especially for senior adults. Classes cover a wide range of topics and reflect a broad range of interests. Classes are normally held during daytime hours, on campus and in senior centers and retirement centers. There are usually no long assignments, examinations or letter grades. Registration is by mail, phone or online.

In addition to the Senior Adult Education programs, persons over 60 may enroll in college courses. Call the Admissions Office for further information on this waiver.

Teacher Preparation

(206) 934-5339

learnatsouth.org

South offers courses for those working toward a Career and Technical Education (CTE) Certification in Washington state. This program is for business and industry professionals who would like to become middle school or high school teachers.

5

Bridge to College/ Pre-College

Basic & Transitional Studies Division

(206) 934-5363

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

BRIDGE TO COLLEGE PROGRAMS:

- Developmental Education
- Transitional ESL
- Concurrent High School / College Programs
- High School to College Preparation Programs

PRE-COLLEGE PROGRAMS:

- Adult Basic Education
- ESL – Beginning & Intermediate Levels
- GED Preparation
- High School Completion

Bridge to College Programs

Developmental Education

English, Mathematics and Human Development Courses

(206) 934-6600

Many students entering college or returning after time away from studies need additional work to prepare for college-level courses. 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).

Transitional ESL

English as a Second Language

(206) 934-5363

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

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

Concurrent High School/ College Programs

Running Start

(206) 934-6478

southseattle.edu/runningstart/

This program allows qualified high school juniors and seniors to register for college-level courses while remaining enrolled at their local high school. Full to partial tuition is paid for by the state; students pay mandatory fees, buy their own books, and provide their own transportation. Students must take a placement test and be ready for college level coursework. As a dual enrollment program, students receive both high school and college credit, thus accelerating their progress through the education system. Running Start is a good option for high school students who are ready to start college early.

See page 22 for more information.

High School to College Preparation Programs

Career Link High School

(206) 934-7946

southseattle.edu/programs/careerlk.htm

Career Link prepares students for success in college and careers while they work toward earning a high school diploma. Students who are 16 to 21 years old, have left high school without a diploma and want to earn a diploma as well as to gain skills for success in college and beyond, can be assisted by Career Link at South Seattle. Tuition for students is free and support is available for transportation, books and supplies. In addition, Career Link at South Seattle offers support through this program and other campus programs for students to enroll in regular college classes. All Career Link students at South Seattle receive ongoing academic advising and assistance to ensure they are on track to graduate and have a High School & Beyond plan in place.

See page 22 for more information.

SAT Preparation Courses

(206) 934-6600

South helps students prepare for the SAT (Scholastic Aptitude Test) college entrance exam by offering math and verbal SAT prep courses most quarters. Held on Saturdays, the courses offer a thorough review of core topics and provide test-taking strategies. Students also have the opportunity to be exposed to a college environment, as well as to earn college credit. Running Start students can take the courses at no cost.

TRiO Educational Talent Search

(206) 934-6401

The purpose of TRiO Talent Search is to help low-income and potential first-generation college students successfully graduate from secondary school and enroll in post-secondary education. This federally funded TRiO program serves 580 students each year from five secondary schools and two middle schools located in West Seattle. Students are provided with services directly at their school sites during the school year by program staff. Students must apply for the program, be deemed eligible, and be accepted before receiving any program services. Services that are offered and provided to students, both in individual and group settings, include academic advising and assistance with secondary course selection, postsecondary information and application assistance, financial aid information and application assistance, financial literacy information, college entrance examinations information and registration assistance, career awareness and planning information, connections to tutorial services, and college campus tours and visits.

See page 22 for more information.

Upward Bound

(206) 934-6401

The purpose of TRiO Upward Bound is to provide low-income and potential first generation students with the skills and motivation to complete high school, go to college, and graduate from college. This federally funded TRiO program serves 132 students each year from four secondary schools in West Seattle and Seatac, through two Upward Bound grants. The goal is to maximize students' potential for graduation from high school and subsequent college enrollment. Students are provided with services directly at their school sites during the school year by program staff, and on campus at SSCC during their summer program. Students must apply for the program and be accepted before receiving any program services. TRiO Upward Bound students receive services during their UB high school class and the summer program, including instruction in math, science, foreign language, SAT preparation, and arts/other electives, academic tutoring and instruction in core academic subjects, academic advising and assistance with secondary course selection, postsecondary information and application assistance, financial aid information and application assistance, financial literacy information, college entrance examinations information and registration assistance, career exploration and planning, and educational field trips and activities. The year-round program includes a six-week summer program on campus at South for intensive academic and college preparatory activities.

See page 23 for more information.

Pre-College Programs

Adult Basic Education

(206) 934-5363

Adult Basic Education (ABE) classes are for adults who already know English but wish to improve their basic reading, writing, and math skills. Students can start at a level matching their current skills and progress at their own pace. Classes in basic math and reading, writing and communication skills are designed to help adults become more self-sufficient, improve their job prospects, prepare for the General Education Development (GED®) or qualify for entry into post-secondary education programs. Students must attend a mandatory orientation and placement testing session prior to enrolling in the class. Course descriptions are listed under ABE. Classes are non-credit. Tuition is low, currently \$25 per quarter (subject to change). The fee may be waived for low-income students.

English as a Second Language (ESL)

(206) 934-5363

English as a Second Language (ESL) classes, levels 1-5, help non-native speakers communicate in English and increase their understanding of American culture. Conversation, pronunciation, reading, writing, and grammar are taught with special emphasis on the English skills needed for survival and employment. These non-credit courses cost \$25 per quarter tuition (subject to change). Course descriptions are found under ESL. Student enrollment depends on eligibility and space availability. Students are placed in class based on their CASAS Test results. Call the department for placement testing and registration information.

When students test high enough, they can move on to Transitional ESL, concentrating on college-preparation skills. Tuition is currently \$25 per quarter (subject to change).

Note: International students take ESL classes through International Programs, page 27.

GED® Preparation

(206) 934-5363

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. 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®. Students must attend a mandatory orientation and placement testing session prior to enrolling in the class. Tuition is \$25 per quarter (subject to change). The fee may be waived for low-income students.

See page 24 for more information.

High School Completion

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

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

6

eLearning/ Distance Education

(206) 934-7930
sites.southseattle.edu/online

Distance learning offers an opportunity for students to enroll and complete South Seattle College courses from the convenience of home or work. As distance learners, students can enroll in individual courses for personal interest, to improve knowledge and skills, or to earn college credit for the A.A. degree program. Distance learning students use a variety of learning management systems and the Internet and have contact with instructors to complete their coursework and earn college credits. Registration for distance education courses is the same as other credit classes.

See page 25 for more details on distance education.

7

International Programs

Intensive English Program

(206) 934-5360

The Intensive English Program (IEP) is a self-supporting program offering a variety of accelerated English as a Second Language courses for international students. The majority of IEP students are preparing for academic and technical programs here at South. Successful completion of the IEP enables students to enter one of the college's academic or technical programs without a TOEFL or IELTS requirement or further placement testing.

Additional English programs include customized short-term programs for international groups, and the Summer Institute, a study-tour program highlighting communication skills and sight-seeing in Seattle.

See page 27 for more information on International Programs.

Travel/Study Abroad

(206) 934-5360
seattlecolleges.edu/international/studyabroad.aspx

Assistance with identifying educational opportunities abroad is available through the Center for International Education. Explore information on exchange programs in China, Japan, Denmark and Italy; service learning through the Seattle Colleges Global Impact programs in Vietnam, Peru, Tanzania and India; and on quarter-long programs in Spain, Costa Rica, London, Italy, and Peru. See the Study Abroad Advisor to select courses that will apply to South's degree requirements.

8

Worker Retraining Program

(206) 934-5835

The Worker Retraining program offers a variety of services to dislocated workers: individuals who have been laid off and are collecting unemployment insurance, have been issued a WARN notice, are displaced homemakers, or had to close a small business due to the economic downturn. To get a new start on a career, interested individuals should attend the Start Next Quarter Orientation Session. Worker Retraining helps recipients to gain new skills in order to return to the workforce in competitive wage jobs. Services may include:

- High wage, high demand job training programs
- Liaison to other agencies, programs & funding
- Tuition assistance (subject to income guidelines and availability of funds)
- Help with applying for other funding such as Federal Trade Act Assistance, NAFTA and regular financial aid
- Educational planning
- Interest assessment
- Career advising/counseling
- Job search skills
- Internships
- Job search assistance

For more information and to sign up for orientation go to: www.startnextquarter.org

See page 29 for additional information on the Worker Retraining Program.

9

Georgetown Campus

(206) 934-5350
georgetown.southseattle.edu/

South Seattle College's Georgetown Campus is located on 19 acres in the heart of Seattle's industrial zone, Washington's largest manufacturing center. The area is home to more than 4,000 businesses and 70,000 employees, supporting the largest number of family-wage jobs in Seattle. The campus is located near major airport, seaport and manufacturing operations, making it an ideal location for industrial and craft training and related services. South Seattle College supports a strategic objective to provide quality workforce training and apprenticeship opportunities that meet high occupational needs. The Georgetown campus hosts the Apprenticeship and Education Center, the Washington State Labor Education and Research Center, and multiple community and educational programs.

The Georgetown Campus consists of five training and instructional facilities with more than 100,000 square feet dedicated to classrooms, labs and offices. New buildings feature classrooms with increased technology and flexibility for instruction. Labs provide larger spaces for instruction and hands-on learning indoors. The new Gene J. Colin Education Hall is an excellent state-of-the-art space for classroom instruction, conferences and seminars, allowing for short-term and contracted training and community and business collaboration.

Apprenticeship & Education Center

(206) 934-5350
georgetown.southseattle.edu/

The Georgetown Campus trains more than 4,000 apprentices and journey-level workers annually in 30 different trades. Each of the training centers provides classroom and laboratory space with training equipment focused upon specific trade needs. Each program offers certificate options. The various certificates, plus an Associate of Applied Science degree option, provide students with flexibility to reach their educational goals. The apprenticeship programs offer immediate employment while training at family-wage jobs. Students learn in the classroom and labs and obtain practical hands-on experience in industry. Upon completion, the student is knowledgeable and experienced in his or her chosen trade or occupation. Programs usually last 3-5 years. General requirements are that participants be 18 years of age; possess a valid driver's license; and go through a selection process which may include, but is not limited to, both written and physical testing, drug testing and an interview by a joint apprenticeship committee. The Apprenticeship & Education Center is currently cooperating with Joint Apprenticeship Committees to provide related and supporting instruction for apprentices and journey-level students in the following areas:

Aerospace Apprenticeship Programs
 (206) 768-6629 | www.ajactraining.org

Boeing Machinist/Apprenticeships (Boeing Employees only)
 (253) 657-2518 | apprenticeship@boeing.com

Boilermakers
 (206) 624-4707 or (206) 391-2996
apprenticeship@boilermakerslocal104.org

Cement Masons
 (206) 762-9286 | concretetraining@msn.com



Construction Industry Training Council/Carpentry,
Heavy Equipment, HVAC and Plumbing (in development)
(425) 452-1950 | concretetraining@msn.com

Drywall Finishing and Striping
(206) 762-8332 | ericp@ftinw.org

Floorcovering
(253) 762-8332 | todd@lupatdc5.org

Glaziers & Glassworkers
(206) 762-8332 | Sarahs@ftinw.org

Greater Puget Sound Area HVAC/Marine Electricians (GPSEW)
(206) 395-6500 | harry@ibew46.com

Ironworkers
(206) 244-2993 | gachristiansen86.aol.com

Meatcutters
(206) 816-4576 | greg.brooks@gmail.com

Northwest Construction Linemen, Power Line
Clearance & Tree Trimmers

(360) 816-7100 |
bstone@nwlinejatc.com

Puget Sound Electrical
(425) 228-1177 | bill@PSEJATC.ORG

Seattle City Light
(206) 386-1603 | sheri.tanaka-eng@seattle.gov

Snohomish County Public Utility District 1
(425) 783-5035 | jkmainstone@snopud.com

Sprinkler Fitters
(206) 764-0395 | s-miller1@outlook.com

Western Washington Masonry Trades, Bricklayers, Caulkers,
Cleaners, Pointers, Tilesetters
(206) 767-3986 | wwmtrades@msn.com

Western Washington Painting
(206) 762-8332
(206) 767-3986
robertr@ftinw.org

Corporate & Customized Training

(206) 934-5857
georgetown.southseattle.edu/

Corporate & Customized Training offers high-quality customized training solutions to meet the needs of business, industry and our community. We help businesses reach their goals by customizing training to their specific industry, location, schedule and content needs.

Also see page 20.

First Aid & Safety (Industrial)

(206) 934-5350
georgetown.southseattle.edu/

The Washington Industrial Safety and Health Act (WISHA) specifies that employees and supervisors in many industries must have formal first aid and safety training. This training includes first aid/AED with CPR and blood-borne pathogens certification. An 8-hour course is available to those who require this training.

Flagging & Traffic Control Certification

(206) 934-5134 or (206) 934-5350
georgetown.southseattle.edu/

Flaggers are responsible for the safe and effective movement of traffic through construction or maintenance zones, safety of the workforce involved, and minimum delay to the motorist. This six-hour certification course, based on the Washington State Safety Standards for Construction Work and the Manual on Uniform Traffic Control Devices, is taught by certified instructors. Classes are on Fridays and testing will be conducted during class. Certification is valid for three years in Washington, Oregon and Idaho. Payment for these classes is by credit card or Money Order only (Cash/Checks are not accepted).

Washington State Labor Education and Research Center

(206) 934-5380
georgetown.southseattle.edu/LERC/

The Labor Center was established in 1987 to provide direct education and research services in higher education to unions in Washington State. The mission of the Labor Center is to deliver high-quality education and training programs for the dynamic and diverse working women and men of Washington State by using best practices of adult education. The curriculum builds the skills, confidence and knowledge needed to become leaders in efforts to improve work lives and communities, and to promote a just economy through collective action. Though based at South, the Labor Center is a statewide organization and a unique program within higher education.

The Center also organizes large public events such as conferences, serves as a resource for faculty, students, and staff, produces the Washington State Workers' Rights Manual, teaches classes through Continuing Education at South, provides contract trainings to unions and other workers' organizations, and has a book, film, and training materials library available for public use.

Professional/Technical Programs

South Seattle College offers degrees and certificates which vary in length from one to seven quarters in more than 20 workforce education areas. These programs are designed to prepare students for careers and/or to expand skills in career areas. South also offers four-year Bachelor of Applied Science degrees in Hospitality Management, Professional Technical Education and Instructional Design, and Sustainable Building Science Technology.

See page 166 for more detail on B.A.S. degree programs.

Several of the following 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.

South Seattle College is accredited by the Northwest Commission of Colleges and Universities.

SOUTH

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Professional/Technical Programs

Accounting

Technical Education
(206) 934-5394

The Accounting program provides a foundation for management trainee positions. Students receive background in accounting, communications skills, and law and finance. Students also gain an understanding of today's business world and business technology. Check with the department for short-term certificate offerings such as Medical Office Assistant.

One-Year Certificate

PREREQUISITES

Must enter program with 25 wpm keyboarding skill. If not met, BUS 104 - Keyboarding must be taken in the first quarter.

TECHNICAL SPECIALTY COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I	5
ACCT 120	Introduction to Accounting/Bookkeeping II	5
ACCT 214	Accounting Systems	5
ACCT 257	Business Tax Accounting	5
BUS 104	Keyboarding	3
BUS 115	Computational Skillbuilding	2
BUS 177	Spreadsheets	5

TECHNICAL SPECIALTY CREDITS 30

RELATED INSTRUCTION

BUS& 101	Introduction to Business	5
BUS 116	Business Math/Spreadsheets	5
BUS 131	Integrated Communications I	5
BUS 169	Using Computers in Business	5
BUS 230	Business Communications	5
PSYC& 100	General Psychology	5

Following can be substituted:

PSYC 240	Psychology of Human Relations	3
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RELATED INSTRUCTION CREDITS 28-30

TOTAL PROGRAM CREDITS 58-60

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

PREREQUISITES

Must enter program with 25 wpm keyboarding skill. If not met, BUS 104 - Keyboarding must be taken in the first quarter.

TECHNICAL SPECIALTY COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I	5
ACCT 120	Introduction to Accounting/Bookkeeping II	5
ACCT& 203	Principles of Accounting III	5
ACCT 214	Accounting Systems	5
ACCT 257	Business Tax Accounting	5
BUS 104	Keyboarding	3
BUS 115	Computational Skillbuilding	2
BUS 175	Applied Business Statistics: Decision-Making App	5

Following can be substituted:

BUS 210	Business & Economic Statistics	5
BUS 177	Spreadsheets	5
BUS& 201	Business Law	5

Following can be substituted:

POLS&200	Intro to Law	5
BUS 216	Professional Development	5

Following can be substituted:

ACCT 197	Work Experience - Accounting	3-5
BUS 235	Oral Communications in Business	5

Following can be substituted:

CMST&101	Introduction to Communication	5
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RELATED INSTRUCTION

BUS& 101	Introduction to Business	5
BUS 116	Business Math/Spreadsheets	5
BUS 131	Integrated Communications I	5
BUS 169	Using Computers in Business	5
BUS 230	Business Communications	5
ECON& 201	Micro Economics	5

Following can be substituted:

ECON&202	Macro Economics	5
PSYC& 100	General Psychology	5

Following can be substituted:

PSYC 240	Psychology of Human Relations	3
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RELATED INSTRUCTION - ELECTIVE

Select two of the following:

BUS 170	Information Technology I	5
CTN 120	Databases I	5
SMG 100	Leadership and Supervision	3
SMG 103	Supervising A Diverse Workforce	3
SMG 120	Hiring Personnel	3

TOTAL PROGRAM CREDITS 94-99

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

TECHNICAL SPECIALTY COURSES

ACCT 110 Introduction to Accounting/Bookkeeping I5

Following can be substituted:

ACCT& 201 Principles of Accounting5

ACCT 120 Introduction to Accounting/Bookkeeping II . . .5

Following can be substituted:

ACCT& 202 Principles of Accounting5

ACCT& 203 Principles of Accounting III5

ACCT 214 Accounting Systems5

ACCT 257 Business Tax Accounting5

BUS 104 Keyboarding3

BUS 115 Computational Skillbuilding2

BUS 175 Applied Business Statistics: Decision-Making App5

Following can be substituted:

BUS 210 Business & Economic Statistics5

-OR-

MATH 109 Elementary Statistics5

BUS 177 Spreadsheets5

BUS 200 Law and Society5

Following can be substituted:

BUS& 201 Business Law5

BUS 216 Professional Development5

Following can be substituted:

ACCT 197 Work Experience - Accounting5

BUS 235 Oral Communications in Business5

Following can be substituted:

CMST&101 Intro to Communication5

RELATED INSTRUCTION

BUS& 101 Introduction to Business5

BUS 169 Using Computers in Business5

ECON& 201 Micro Economics5

Following can be substituted:

ECON&202 Macro Economics5

ENGL& 101 English Composition I5

ENGL& 102 Composition II5

MATH 102 College Algebra5

PSYC& 100 General Psychology5

RELATED INSTRUCTION: ELECTIVE

Select two of the following:

BUS 170 Information Technology I5

CTN 120 Databases I5

SMG 100 Leadership and Supervision3

SMG 103 Supervising A Diverse Workforce3

SMG 120 Hiring Personnel3

TOTAL PROGRAM CREDITS 96-99

Aeronautical Technology

Aviation Maintenance Division

(206) 934-5394

South offers both certificate and degree programs in Aviation Maintenance and Aeronautical Technology. Check with the department for short-term certificate offerings relating to General Aviation for Composite and Aviation Composites Lab.

The Aviation Maintenance certificate program offers a preparatory program for airframe and powerplant (A&P) mechanics. The two-year (8 quarters) curriculum provides training on current aviation airframes and powerplants.

Students who successfully complete the curriculum are awarded a certificate of completion qualifying them to take the Federal Aviation Administration examination for the airframe and powerplant mechanic license.

Either the airframe or the powerplant component may be taken separately. Completion of both components is highly recommended for increased employment opportunities. The aviation maintenance airframe and powerplant curriculum is approved by the F.A.A. (Air Agency Certificate # HQ6T596N).

The A.A.S. and A.A.S.-T degree programs provide graduates of recognized airframe and powerplant programs and experienced F.A.A.-certified mechanics the opportunity to expand knowledge and training, and earn an Associate of Applied Science degree.

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

Completion of Certificate Requirements in Aviation Maintenance Airframe & Powerplant Programs: 147 credits

PREREQUISITES

Special requirements for admission

TECHNICAL SPECIALTY COURSES

AMT 111 Basic Science for Aviation17

AMT 112 Basic Electricity for Aviation17

AMT 113 Airframe Structure and Repair17

AMT 234 Powerplant Systems and Components17

AMT 235 Advanced Powerplant17

TECHNICAL SPECIALTY CREDITS 147

RELATED INSTRUCTION

ENGL 105 Applied Composition3

ENGL 106 Technical Writing3

ICT 103 Computer Applications I2

IFS 100 Industrial First Aid and Safety2
Incorporated as part of the Aviation Maintenance Airframe & Powerplant Certificate program and therefore is not included in the total credits.

MATH 111 Applied Mathematics I5
Incorporated as part of the Aviation Maintenance Airframe & Powerplant Certificate program and therefore is not included in the total credits.

PSYC 240 Psychology of Human Relations3

RELATED INSTRUCTION CREDITS 18

ELECTIVE COURSES

A minimum of 9 credits in two of the following areas:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Natural World, the	5
REQUIRED ELECTIVE CREDITS	9
TOTAL PROGRAM CREDITS	156

**Airframe & Powerplant Seminar
Short-Term Certificate**

(206) 934-6660

This intensive seminar is for those with an approved 8610-2 FAA rating application. It provides a review of General, Airframe and Powerplant sections of the written, oral and practical FAA-licensing exams with special focus on those areas of civilian aviation not typically encountered during military service. It provides the student with the skills, knowledge and abilities to pursue a career as an Aviation Maintenance Technician.

TECHNICAL SPECIALTY COURSES

AMT 295 Airframe & Powerplant Master Class.	16
AMT 296 Amt Professional Portfolio	2
TOTAL PROGRAM CREDITS	18

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

PREREQUISITES

Students must meet with an advisor for entry into this program. A placement test is required to assure language and computational skills are sufficient to assure program success.

Special requirements for admission: Satisfactory completion of a minimum of 240 prescribed clock-hours of instruction per quarter and a 2.0 minimum grade point average (70%) on each class assignment and exam.

TECHNICAL SPECIALTY COURSES

AMT 111 Basic Science for Aviation	17
AMT 112 Basic Electricity for Aviation	17
AMT 113 Airframe Structure and Repair	17
AMT 133 Powerplant Theory and Maintenance	17
AMT 214 Airframe Systems	17
AMT 215 Advanced Airframe	17
AMT 234 Powerplant Systems and Components	17
AMT 235 Advanced Powerplant	17
TECHNICAL SPECIALTY CREDITS	136

RELATED INSTRUCTION

ENGL& 101 English Composition I	5
IFS 100 Industrial First Aid and Safety	2
Incorporated as part of the Aviation Maintenance Airframe & Powerplant Certificate program and therefore is not included in the total credits.	
MATH 102 College Algebra	5
MATH 111 Applied Mathematics I	5
Incorporated as part of the Aviation Maintenance Airframe & Powerplant Certificate program and therefore is not included in the total credits.	
PSYC& 100 General Psychology	5
RELATED INSTRUCTION CREDITS	27

ELECTIVE COURSES

A minimum of 9 credits in two of the following areas:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Natural World, the	5
ELECTIVE COURSES CREDITS	9
TOTAL PROGRAM CREDITS	160

Aviation Airframe Mechanic Certificate

REQUIREMENTS

Satisfactory completion of a minimum of 240 prescribed clock-hours of instruction per quarter and a minimum 2.0 grade point average (70%) on each class assignment.

PREREQUISITES

Students must meet with an advisor for entry into this program. A placement test is required to assure language and computational skills are sufficient to assure program success.

TECHNICAL SPECIALTY COURSES

AMT 111 Basic Science for Aviation	17
AMT 112 Basic Electricity for Aviation	17
AMT 113 Airframe Structure and Repair	17
AMT 214 Airframe Systems	17
AMT 215 Advanced Airframe	17

RELATED INSTRUCTION

ENGL 105 Applied Composition	3
ENGL 106 Technical Writing	3
ICT 103 Computer Applications I	2
PSYC 240 Psychology of Human Relations	3
TOTAL PROGRAM CREDITS	96

Aviation Maintenance Airframe & Powerplant Certificate

REQUIREMENTS

Satisfactory completion of a minimum of 240 prescribed clock-hours of instruction per quarter and a minimum 2.0 grade point average (70%) on each class assignment.

PREREQUISITES

Students must meet with an advisor for entry into this program. A placement test is required to assure language and computational skills are sufficient to assure program success.

TECHNICAL SPECIALTY COURSES

AMT	111	Basic Science for Aviation	17
AMT	112	Basic Electricity for Aviation	17
AMT	113	Airframe Structure and Repair	17
AMT	133	Powerplant Theory and Maintenance	17
AMT	214	Airframe Systems	17
AMT	215	Advanced Airframe	17
AMT	234	Powerplant Systems and Components	17
AMT	235	Advanced Powerplant	17

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
ENGL	106	Technical Writing.	3
ICT	103	Computer Applications I	2
PSYC	240	Psychology of Human Relations	3

TOTAL PROGRAM CREDITS	147
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Aviation Powerplant Mechanic Certificate

REQUIREMENTS

Satisfactory completion of a minimum of 240 prescribed clock-hours of instruction per quarter and a minimum 2.0 grade point average (70%) on each class assignment.

PREREQUISITES

Students must meet with an advisor for entry into this program. A placement test is required to assure language and computational skills are sufficient to assure program success.

TECHNICAL SPECIALTY COURSES

AMT	111	Basic Science for Aviation	17
AMT	112	Basic Electricity for Aviation	17
AMT	133	Powerplant Theory and Maintenance	17
AMT	234	Powerplant Systems and Components	17
AMT	235	Advanced Powerplant	17

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
ENGL	106	Technical Writing.	3
ICT	103	Computer Applications I	2
PSYC	240	Psychology of Human Relations	3

TOTAL PROGRAM CREDITS	96
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General Aviation Short-Term Certificate

Aviation Maintenance Division

(206) 934-5394

Provides foundational instruction in the field of aviation maintenance.

TECHNICAL SPECIALTY COURSES

ACM	101	Intro to Aviation Industrial Hygiene	3
ACM	102	Measurement and Drawings - Aviation.	3
ACM	103	Materials: Properties, Choice and Application.	5
ACM	104	Composites Lab A - General Aviation.	6
ACM	198	Capstone A - Aerospace Comp Tech	1

TOTAL PROGRAM CREDITS	18
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Aerospace Composite Technician

Composites Technology

(206) 934-5394

The Aerospace Composite Technician Program trains individuals in the knowledge and skills necessary for skilled entry-level positions in the areas of fabrication, assembly and repair of mixed and composite materials. Potential employment sectors include aerospace, marine, ground transportation, construction, energy, sporting equipment and medical devices. It consists of two short-term technical certificates (General Aviation, and Composite Aviation) and related instruction courses to receive a Certificate of Proficiency.

Certificate

REQUIREMENTS

Satisfactory completion of a minimum of 240 prescribed clock-hours of instruction per quarter and a minimum 2.0 grade point average (70%) on each class assignment.

PREREQUISITES

Students must meet with an advisor for entry into this program. A placement test is required to assure language and computational skills are sufficient to assure program success.

TECHNICAL SPECIALTY COURSES

ACM	101	Intro to Aviation Industrial Hygiene	3
ACM	102	Measurement and Drawings - Aviation.	3
ACM	103	Materials: Properties, Choice and Application	5
ACM	104	Composites Lab A - General Aviation.	6
ACM	111	Composite Fabrication & Tooling	4
ACM	112	Composite Inspection & Repair	2
ACM	114	Composite Lab B - Advanced Composites	9
ACM	198	Capstone A - Aerospace Comp Tech	1
ACM	199	Capstone B - Aerospace Comp Tech	2

TECHNICAL SPECIALTY CREDITS	35
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RELATED INSTRUCTION

College transfer or equivalent courses may be substituted.

ENGL 105	Applied Composition	3
MATH 111	Applied Mathematics I	5
MATH 112	Applied Mathematics II	5
PSYC 240	Psychology of Human Relations	3
RELATED INSTRUCTION CREDITS		16
TOTAL PROGRAM CREDITS		51

**Composite Aviation Short-Term Certificate
(206) 934-5394**

Prepares technicians to fabricate, assemble and repair composite materials on aircraft at an entry level.

TECHNICAL SPECIALTY COURSES

ACM 111	Composite Fabrication & Tooling	4
ACM 112	Composite Inspection & Repair	2
ACM 114	Composite Lab B - Advanced Composites	9
ACM 199	Capstone B - Aerospace Comp Tech	2
TOTAL PROGRAM CREDITS		17

Auto Body Collision Repair

**Automotive Collision Technology Training Center
(206) 934-5391**

Individuals employed in automotive collision, repair, and refinishing face constant challenges and variety. Career opportunities include frame technicians, body technicians, refinish technicians, advanced positions such as shop managers and owners, damage appraisers, and insurance adjusters. The curriculum is modular and competency-based, and program completion generally requires seven quarters. Advanced standing may be granted for work experience and/or related training.

The Auto Body Collision Repair program is a NATEF/ASE Master-certified training program and offers ASE certificate options. See an instructor for more information.

The A.A.S. degree provides an opportunity to develop leadership and communication skills and increase general knowledge.

The program also offers a short-term certificate in Mechanical & Electrical Components.

There are additional costs for books and supplies. Each student is responsible for the purchase of certain supplies and required tools before the instruction begins.

Certificate

TECHNICAL SPECIALTY COURSES

ABR 111	Introduction to Automotive Collision Technology	4
ABR 112	Safety and Environmental Practices	3
ABR 113	Welding and Cutting	8

ABR 121	Panel Replacement and Alignment	4
ABR 122	Working with Trim and Hardware	3
ABR 123	Metal Straightening	4
ABR 124	Body Fillers	4
ABR 131	Understanding Automotive Finishes	2
ABR 132	Preparing the Surface for Refinishing	6
ABR 133	Preparing the Equipment, Paint & Refinishing Mat	5
ABR 134	Detailing	1

RELATED INSTRUCTION

ENGL 105	Applied Composition	3
Indicates a testing prerequisite, permission only.		
ICT 103	Computer Applications I	2
MATH 110	Applied Math for Technicians	3
PSYC 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		55

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

TECHNICAL SPECIALTY

ABR 111	Introduction to Automotive Collision Technology	4
ABR 112	Safety and Environmental Practices	3
ABR 113	Welding and Cutting	8
ABR 121	Panel Replacement and Alignment	4
ABR 122	Working with Trim and Hardware	3
ABR 123	Metal Straightening	4
ABR 124	Body Fillers	4
ABR 131	Understanding Automotive Finishes	2
ABR 132	Preparing the Surface for Refinishing	6
ABR 133	Preparing the Equipment, Paint & Refinishing Mat	5
ABR 134	Detailing	1
ABR 161	Damage Analysis	5
ABR 162	Door Skin Repair and Replacement	3
ABR 163	Quarter Panel Replacement	5
ABR 164	Moveable Glass and Hardware	2
ABR 171	Straightening Structural Parts	7
ABR 172	Full and Partial Panel Replacement	7
ABR 173	Restoring Corrosion Protection	2
ABR 181	Steering and Suspension	6
ABR 182	Electrical and Electronic Systems	7
ABR 183	Mechanical Systems	3
ABR 191	Applying the Finish	4
ABR 192	Blending Color	3
ABR 193	Solving Paint Application Problems	3
ABR 194	Finish Defects, Causes and Cures	3

TECHNICAL SPECIALTY CREDITS		104
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RELATED INSTRUCTION

ENGL	105	Applied Composition	3
ICT	103	Computer Applications I	2
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS	11
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ELECTIVE COURSES

A minimum of 10 credits from the following areas:

ABR	197	Industry Internship (ITEC Based)	5
			Credit Range: 1-5 credits
Visual, Literary and Performing Arts			5
Individual, Cultures and Societies			5
Natural World, the			5
Science & Mathematics			5

ELECTIVE COURSES CREDITS	10
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TOTAL PROGRAM CREDITS	125
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Associate of Applied Science - T Degree (A.A.S.-T)**TECHNICAL SPECIALTY COURSES**

ABR	111	Introduction to Automotive Collision Technology	4
ABR	112	Safety and Environmental Practices	3
ABR	113	Welding and Cutting	8
ABR	121	Panel Replacement and Alignment	4
ABR	122	Working with Trim and Hardware	3
ABR	123	Metal Straightening	4
ABR	124	Body Fillers	4
ABR	131	Understanding Automotive Finishes	2
ABR	132	Preparing the Surface for Refinishing	6
ABR	133	Preparing the Equipment, Paint & Refinishing Mat	5
ABR	134	Detailing	1
ABR	161	Damage Analysis	5
ABR	162	Door Skin Repair and Replacement	3
ABR	163	Quarter Panel Replacement	5
ABR	164	Moveable Glass and Hardware	2
ABR	171	Straightening Structural Parts	7
ABR	172	Full and Partial Panel Replacement	7
ABR	173	Restoring Corrosion Protection	2
ABR	181	Steering and Suspension	6
ABR	182	Electrical and Electronic Systems	7
ABR	183	Mechanical Systems	3
ABR	191	Applying the Finish	4
ABR	192	Blending Color	3
ABR	193	Solving Paint Application Problems	3
ABR	194	Finish Defects, Causes and Cures	3

TECHNICAL SPECIALTY CREDITS	104
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RELATED INSTRUCTION

ENGL&	101	English Composition I	5
MATH	102	College Algebra	5
PSYC&	100	General Psychology	5

RELATED INSTRUCTION CREDITS	15
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ELECTIVE COURSES

A minimum of 10 credits in two of the following areas:

ABR	197	Industry Internship (Itec Based)	5
			Credit Range: 1-5 credits
Visual, Literary and Performing Arts			5
Individual, Cultures and Societies			5
Natural World, the			5
Science & Mathematics			5
Business & Office			5
Supervision & Management			5
Technical Specialty course			5

ELECTIVE COURSES CREDITS	10
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TOTAL PROGRAM CREDITS	129
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Automotive Technology**Automotive Technology Training Center
(206) 934-5391**

The Automotive Technology program provides students with training in the automotive repair industry, including maintaining, diagnosing and repairing all kinds of automobiles. Eighty to ninety percent of our students go to work at independent repair shops or dealerships around the Puget Sound area, and some have opened their own shops. The A.A.S-T provides skills in leadership and communication as well as automotive technology.

The program's advisory committee includes industry professionals who provide insight into industry trends, allowing students to learn what will be expected of them in the workplace. Students also have the opportunity to study towards ASE certification, increasing their employability. The Automotive Program is a NATEF/ASE certified training program. All of the instructors are ASE master certified and have over 80 years combined industry experience. For more information, come visit one of the instructors.

In addition to tuition, there are other costs to participate in the program including books, coveralls, hard toed shoes and a minimum of \$300.00 in tools.

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

AUT	100	Introduction to Electricity	6
AUT	102	Advanced Electrical Systems	4
AUT	104	Automotive Electronics	3
AUT	106	Basic Power Accessories	3
AUT	112	Manual Transaxles and Clutches	3
AUT	114	Manual Transmissions, Transfer Cases & Drive Axl	3
AUT	116	Air Conditioning and Heating	6
AUT	118	Automatic Transmission Diagnosis and Service	4
AUT	120	Advanced Automatic Transmission Service . . .	6
AUT	122	Steering and Suspension	4
AUT	124	Tires and Wheel Alignment	4
AUT	126	Basic Brake Systems	3
AUT	127	Advanced Brake Systems	4
AUT	128	Automotive Engine Diagnose/Remove and Replace	4
AUT	130	Automotive Engine Rebuild	8
AUT	134	Introduction to Drivability	3
AUT	138	Advanced Drivability and Fuel Systems	6
AUT	140	Engine Computers	
AUT	142	Emission Controls and Diagnostic Test Equipment	6
MVM	100	Introduction to Automotive Technology I	3
MVM	102	Introduction to Automotive Technology II	6
TECHNICAL SPECIALTY CREDITS			93

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
ICT	103	Computer Applications I	2
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3
RELATED INSTRUCTION CREDITS			11

GENERAL EDUCATION COURSES

A minimum of 10 credits from any two of the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Natural World, the	5
Science & Mathematics	5
Business & Office	5
Supervision & Management	5
Technical Specialty course	5

GENERAL EDUCATION CREDITS	10
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TOTAL PROGRAM CREDITS	114
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When the A.A.S. sequence is followed, student will have achieved NATEF GST Certification, NATEF Minor Certification, and NATEF Major Certification as well.

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

AUT	100	Introduction to Electricity	6
AUT	102	Advanced Electrical Systems	4
AUT	104	Automotive Electronics	3
AUT	106	Basic Power Accessories	3
AUT	112	Manual Transaxles and Clutches	3
AUT	114	Manual Transmissions, Transfer Cases & Drive Axl	3
AUT	116	Air Conditioning and Heating	6
AUT	118	Automatic Transmission Diagnosis and Service	4
AUT	120	Advanced Automatic Transmission Service . . .	6
AUT	122	Steering and Suspension	4
AUT	124	Tires and Wheel Alignment	4
AUT	126	Basic Brake Systems	3
AUT	127	Advanced Brake Systems	4
AUT	128	Automotive Engine Diagnose/Remove and Replace	4
AUT	130	Automotive Engine Rebuild	8
AUT	134	Introduction to Drivability	3
AUT	138	Advanced Drivability and Fuel Systems	6
AUT	140	Engine Computers	4
AUT	142	Emission Controls and Diagnostic Test Equipment	6
MVM	100	Introduction to Automotive Technology I	3
MVM	102	Introduction to Automotive Technology II	6
TECHNICAL SPECIALTY CREDITS			91

RELATED INSTRUCTION

ENGL&	101	English Composition I	5
MATH	102	College Algebra	5
PSYC&	100	General Psychology	5
RELATED INSTRUCTION CREDITS			15

GENERAL EDUCATION COURSES

A minimum of 10 credits from any two of the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Natural World, the	5
Science & Mathematics	5
Business & Office	5
Supervision & Management	5
Technical Specialty course	5

GENERAL EDUCATION CREDITS	10
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TOTAL PROGRAM CREDITS	118
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When the A.A.S. sequence is followed, students will have achieved NATEF GST Certification, NATEF Minor Certification and NATEF Major Certification as well.

Automatic Transmission/Transaxle Short-Term Certificate

Certificate covers disassemble, clean, inspect, overhaul (this will include replacement of bands, clutches, bushings, seals and various other components to make the transmission serviceable); and reassemble of automatic transmission. In addition the function and construction of each component, as well as their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit of study.

TECHNICAL SPECIALTY COURSES

AUT 118	Automatic Transmission Diagnosis and Service	4
AUT 120	Advanced Automatic Transmission Service.	6
TOTAL PROGRAM CREDITS		10

Brakes Short-Term Certificate

Certificate covers brake theory, diagnosing brake problems, master cylinders, wheel cylinders, hydraulic valves, brake hoses, brake lines, brake shoes, brake drums, parking brakes as well as removal and installation of brakes from vehicles. In addition, the function and construction of each component, and their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit.

TECHNICAL SPECIALTY COURSES

AUT 126	Basic Brake Systems	3
AUT 127	Advanced Brake Systems	4
TOTAL PROGRAM CREDITS		7

Electrical/Electronic Systems Short-Term Certificate

Certificate covers safety, electrical theory, and types of current, types of circuits, semiconductors, magnetism, EMI suppression, circuit protection, reading electrical schematics, circuit defects and using test equipment. Components covered are starting systems, charging systems, as well as removal and installation of electrical components from vehicles. In addition the function and construction of each component, and their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit.

TECHNICAL SPECIALTY COURSES

AUT 102	Advanced Electrical Systems	4
AUT 104	Automotive Electronics	3
AUT 106	Basic Power Accessories.	3
TOTAL PROGRAM CREDITS		10

Engine Performance Short-Term Certificate

Certificate covers gasoline ignition and fuel systems. Included are distributor waste spark and coil on plug ignition systems also fuel pumps both electric and mechanical, fuel injection throttle body, port fuel sequential and gasoline direct injection systems. Certificate also covers the automotive engine computer, it's multiple power and ground supplies, and how these affect the running of the vehicle. It covers the inputs and outputs of the PCM, how each contributes to the running of the engine, and how to diagnose each one.

TECHNICAL SPECIALTY COURSES

AUT 138	Advanced Drivability and Fuel Systems	6
AUT 140	Engine Computers	4
AUT 142	Emission Controls and Diagnostic Test Equipment	6
TOTAL PROGRAM CREDITS		16

Engine Repair Short-Term Certificate

Certificate covers Contents engine theory, diagnosing engine problems, engine lubrication, cooling systems, and removal and installation of engines from vehicles. In addition the function and construction of each component, and their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit. Other topics are automotive drivability theory, diagnosing drivability problems, as well as removal, repair and installation of drivability components from vehicles. In addition, the function and construction of each component, as well as their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit of study.

TECHNICAL SPECIALTY COURSES

AUT 128	Automotive Engine Diagnose/Remove and Replace.	4
AUT 130	Automotive Engine Rebuild	8
AUT 134	Introduction to Drivability.	3
TOTAL PROGRAM CREDITS		15

Heating and Air Conditioning Short-Term Certificate

Certificate covers basic principles involving air conditioning and heating systems; troubleshooting and diagnosing of air conditioning and heating systems; removal and reinstalling of air conditioning and heating components in vehicles. In addition, the function and construction of each component, as well as their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit.

TECHNICAL SPECIALTY COURSES

AUT 116	Air Conditioning and Heating	6
TOTAL PROGRAM CREDITS		6

Manual Drive Train and Axles Short-Term Certificate

Certificate covers power flow and principles involving manual transmissions, transfer cases and drive axles; troubleshooting and diagnosing manual transmissions, transfer cases and drive axles; removal of manual transmission, transfer cases and drive axles from vehicle; disassemble, clean, inspect, overhaul and reassemble of manual transmission, transfer cases and drive axles; reinstall manual transmission, transfer case and drive axle in vehicle. In addition the function and construction of each component, as well as their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit of study.

TECHNICAL SPECIALTY COURSES

AUT	112	Manual Transaxles and Clutches	3
AUT	114	Manual Transmissions, Transfer Cases & Drive Axl	3

TOTAL PROGRAM CREDITS 6

Steering and Suspension Short-Term Certificate

Certificate covers steering and suspension theory, diagnosing steering and suspension problems, chassis design, wheel bearings, steering and suspension components, as well as removal, repair and installation of steering and suspension components from vehicles. In addition the function and construction of each component, and their diagnosis and service procedures will be covered. Instruction in safety, environmental awareness, human relations and leadership are taught as an integral part of this unit.

TECHNICAL SPECIALTY COURSES

AUT	122	Steering and Suspension	4
AUT	124	Tires and Wheel Alignment	4

TOTAL PROGRAM CREDITS 8

Business Information Technology

Technical Education
(206) 934-5394

This program prepares students for employment as specialists in information processing and office administrative assistant positions requiring computer literacy in word processing, spreadsheet and database business applications.

Certificate

PREREQUISITES

Enter program with 25 wpm keyboarding skills or either one of the following:

BUS	104	Keyboarding	3
BUS	106	Keyboarding/Skillbuilding	3

REQUIRED COURSES

BUS	113	Diversity Issues in Business	3
BUS	116	Business Math/Spreadsheets	5

Following can be substituted:

MATH	102	College Algebra	5
BUS	131	Integrated Communications I	5
BUS	140	Customer Relations	5
BUS	169	Using Computers in Business	5
BUS	170	Information Technology I	5
BUS	177	Spreadsheets	5
BUS	179	Word Processing	5
BUS	182	Information and Database Management	5
BUS	197	Work Experience/Business Occupations	15

Credit range: 1-15; Total required credits: 3-5

TOTAL PROGRAM CREDITS 45-47

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

Completion of Certificate Requirements: 45-47 credits

TECHNICAL SPECIALTY COURSES

ACCT	110	Introduction to Accounting/Bookkeeping I	5
ACCT	214	Accounting Systems	5
BUS	113	Diversity Issues in Business	3
BUS	116	Business Math/Spreadsheets	5
BUS	131	Integrated Communications I	5
BUS	140	Customer Relations	5
BUS	169	Using Computers in Business	5
BUS	170	Information Technology I	5
BUS	175	Applied Business Statistics:Decision-Making App	5

Following can be substituted:

BUS	210	Business & Economic Statistics	5
MATH	109	Elementary Statistics	5
BUS	177	Spreadsheets	5
BUS	179	Word Processing	5
BUS	182	Information and Database Management	5
BUS	197	Work Experience/Business Occupations	15
BUS	216	Professional Development	5
BUS	230	Business Communications	5
BUS	235	Oral Communications in Business	5

RELATED INSTRUCTION

BUS&	101	Introduction to Business	5
BUS&	201	Business Law	5

Following can be substituted:

BUS	200	Law and Society	5
PSYC	240	Psychology of Human Relations	3

Following can be substituted:

PSYC&	100	General Psychology	5
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ELECTIVE COURSES

A minimum of 5 credits in the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
TOTAL PROGRAM CREDITS	98-100

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

Enter program with 25 wpm keyboarding skills or either one of the following:

BUS 104 Keyboarding	3
BUS 106 Keyboarding/Skillbuilding	3

TECHNICAL SPECIALTY COURSES

ACCT 110 Introduction to Accounting/Bookkeeping I	5
ACCT 214 Accounting Systems	5
BUS& 101 Introduction to Business	5
BUS 113 Diversity Issues in Business	3
BUS 140 Customer Relations	5
BUS 169 Using Computers in Business	5
BUS 170 Information Technology I	5
BUS 175 Applied Business Statistics:Decision-Making App	5

Following can be substituted:

BUS 210 Business and Economic Statistics	5
MATH 109 Elementary Statistics	5
BUS 177 Spreadsheets	5
BUS 179 Word Processing.	5
BUS 182 Information and Database Management	5
BUS 197 Work Experience/Business Occupations.	15
Credit range: 1-15; Total required credits: 5	
BUS& 201 Business Law	5

Following can be substituted:

BUS 200 Law and Society	5
BUS 216 Professional Development.	5
BUS 235 Oral Communications in Business	5

TECHNICAL SPECIALTY CREDITS 73**RELATED INSTRUCTION**

ENGL& 101 English Composition I	5
ENGL& 102 Composition II	5
MATH 102 College Algebra	5
PSYC& 100 General Psychology.	5

RELATED INSTRUCTION CREDITS 73**ELECTIVES**

5 credits from one of the following:

Visual, Literary and Performing Arts.	5
Individual, Cultures and Societies	5

ELECTIVES CREDITS 5**TOTAL PROGRAM CREDITS** 100-102**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 164 Career Development I	2
BUS 169 Using Computers in Business	5

TOTAL PROGRAM CREDITS 19**CAD Mechanical Concentration (Computer-Aided Drafting)****Academic Programs (206) 934-6600**

This program provides training for employment in civil, architectural, and mechanical drafting positions. Instruction includes a combination of technical knowledge and skill development in areas such as orthographic projection, descriptive geometry, sections, dimensions, auxiliaries, materials and processes, presentation graphics, design models, and surveying, culminating in a comprehensive design/drafting project. Training in computer-aided design (CAD) is an integral part of the program.

Certificate**TECHNICAL SPECIALTY COURSES**

INT 100 Overview of Manufacturing Processes.	3
TDR 105 Technical Employment Preparation	1
TDR 121 Drafting Technology I	4
TDR 123 Drafting Technology II	4
TDR 125 Drafting Technology III	4
TDR 126 Space Geometry.	4
TDR 129 Industrial Blueprint Reading.	3
TDR 131 Introduction to CAD 2-D.	4
TDR 133 Intermediate CAD 2-D	4
TDR 135 AutoCAD 3-D Modeling	4
TDR 179 CAD - Mechanical	4
TDR 197 Internship	5
Credit Range: 1-5; Total Required Credits: 3	
TDR 228 CAD Sheet Metal/HVAC.	4
TDR 230 CAD 3-D Parametric Solid Design I	4
TDR 236 Design Project Management	1
TDR 280 Geometric Dimensioning & Tolerancing	4

RELATED INSTRUCTION

ENGL 105	Applied Composition	3
	Admission only via instructor permission, or by passing a prerequisite test.	
ICT 103	Computer Applications I	2
MATH 111	Applied Mathematics I	5
MATH 112	Applied Mathematics II	5
	<i>Following can be substituted for 111 & 112:</i>	
	MATH&141 Pre-Calculus I	5
	MATH&142 Pre-Calculus II	5
PSYC 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		73

Computer Support Specialist

**Technical Education Division
(206) 934-5365**

One-Year Certificate

This is a one-year certificate which provides enough training for a student to be able to seek work in the IT field. This entry level certificate “dove tails” into the existing IT Systems Specialist A.A.S. degree program so that the student who wants to can seamlessly continue studies in this field.

TECHNICAL SPECIALTY COURSES

CSC 100	Beginning Computers	5
CTN 101	Introduction to Computing Technology	5
CTN 142	Operating Systems II	5
CTN 170	PC Hardware I	5
CTN 295	Research and Customer Service	5

TECHNICAL ELECTIVES

Minimum of 5 credits from the following:

CTN 173	Content Management Systems (CMS) Wordpress	5
CTN 270	Local Area Networks I	5
TOTAL PROGRAM CREDITS		40

Culinary Arts: Banquets & Catering

**Culinary Arts Department
(206) 934-5344**

Restaurant industry leaders recognize that the Culinary Arts program at South Seattle College provides outstanding culinary arts training. The program is a member of the prestigious International Association of Culinary Professionals and offers internships and training at partner institutions in Spain, Italy, Ireland, China and France. The department works closely with the hospitality industry to develop innovative, realistic programs that provide students with skills needed for successful employment.

Culinary Arts students learn the food production skills necessary to operate multifaceted food service operations on campus. A Food Court features a cafeteria with classic and contemporary menus, a short order grill, grab-and-go items, and a delicatessen. Two waited-service dining rooms, Café Alki and Alhadeff Grill, feature cooked-to-order menus with preparation typical of upscale restaurants in the Northwest. Food management classes train students in inventory control, operations analysis, purchasing, production, supervision, and personnel management. Students prepare for careers in dining room service, food production, and supervision for hotel, restaurant, catering and institutional food service operations.

The Culinary Arts and Pastry and Baking Arts programs require all uniforms, tools, and books which will be used throughout the program to be purchased by the first day of class. Check with the Culinary Arts Office for a complete list of uniform and tool kit options, prices, and for a list of required texts.

Certificate

TECHNICAL SPECIALTY COURSES

FSD 100	Health and Sanitation	3
FSD 101	Orientation to Culinary Arts	1
FSD 160	Theory 1 - Culinary Fundamentals	5
FSD 165	Culinary 1	15
FSD 170	Theory 2 - Advanced Culinary Fundamentals	5
FSD 175	Culinary 2	15
FSD 180	Theory 3 - Garde Manger/Advanced Cold Food	5
FSD 185	Culinary 3	15
FSD 190	Theory 4 - Restaurant Cost Controls	5
FSD 195	Culinary 4	15
FSD 200	Theory 5 - Management Techniques	5
FSD 215	Banquets and Catering	15
HOS 203	Commercial Food Nutrition	3

RELATED INSTRUCTION

ENGL 105	Applied Composition	3
ENGL 106	Technical Writing	3
MATH 110	Applied Math for Technicians	3
PSYC 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		119

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

REQUIREMENTS

Completion of Certificate Requirements: 119 credits

RELATED INSTRUCTION

Technical Specialty Courses

ENGL 105	Applied Composition	3
ENGL 106	Technical Writing	3
FSD 100	Health and Sanitation	3
FSD 101	Orientation to Culinary	1
FSD 160	Theory 1 - Culinary Fundamentals	5
FSD 165	Culinary 1	15
FSD 170	Theory 2 - Advanced Culinary Fundamentals	5

FSD	175	Culinary 2	15
FSD	180	Theory 3 - Garde Manger/Advanced Cold Food	5
FSD	185	Culinary 3	15
FSD	190	Theory 4 - Restaurant Cost Controls	5
FSD	195	Culinary 4	15
FSD	200	Theory 5 - Management Techniques	5
FSD	215	Banquets and Catering	15
HOS	203	Commercial Food Nutrition	3
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3

REQUIREMENTS

To earn an A.A.S degree, students must maintain a minimum cumulative grade point average of 2.0.

ELECTIVES - GENERAL EDUCATION

A minimum of ten elective credits from at least two of the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Science & Mathematics	5
Business & Office	5
ELECTIVES CREDITS	10
TOTAL PROGRAM CREDITS	129

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

To earn an A.A.S.-T degree, students must maintain a minimum cumulative grade point average of 2.0.

TECHNICAL SPECIALTY

FSD	100	Health and Sanitation	3
FSD	101	Orientation to Culinary Arts	1
FSD	160	Theory 1 - Culinary Fundamentals	5
FSD	165	Culinary 1	15
FSD	170	Theory 2 - Advanced Culinary Fundamentals	5
FSD	175	Culinary 2	15
FSD	180	Theory 3 - Garde Manger/Advanced Cold Food	5
FSD	185	Culinary 3	15
FSD	190	Theory 4 - Restaurant Cost Controls	5
FSD	195	Culinary 4	15
FSD	200	Theory 5 - Management Techniques	5
FSD	215	Banquets and Catering	15
HOS	203	Commercial Food Nutrition	3
TECHNICAL SPECIALTY CREDITS			107

RELATED INSTRUCTION

ENGL&	101	English Composition I	5
ENGL&	102	Composition II	5
MATH	102	College Algebra	5
PSYC&	100	General Psychology	5
RELATED INSTRUCTION CREDITS			20

ELECTIVES

A minimum of ten elective credits from at least two of the following:

Visual, Literary and Performing Arts	5
Science & Mathematics	5
Business & Office	5
ELECTIVES CREDITS	10
TOTAL PROGRAM CREDITS	137

Culinary Arts: Pastry & Baking Arts

The Pastry and Specialty Baking program covers basic and advanced skills in pastry and specialty baking and decorating. It includes cakes and Danish; French and Swiss pastries; fancy desserts; confections; tortes; fillings; specialty breads; decorating; and sugar and chocolate work. Graduates are prepared for pastry positions in hotels, fine restaurants, clubs, and a variety of positions in retail and wholesale bakeries.

Certificate**TECHNICAL SPECIALTY COURSES**

FSD	100	Health and Sanitation	3
HOS	203	Commercial Food Nutrition	3
PST	101	Pastry and Baking Orientation	5
PST	102	Introduction to Baking Management	5
PST	103	Decoration Theory 1	4
PST	104	Decoration Theory 2	4
PST	105	Decoration Theory 3	4
PST	111	Baking 1	15
PST	112	Pastry 1	15
PST	113	Baking 2	15
PST	211	Pastry 2	15
PST	212	Pastry 3	15
PST	213	Pastry 4	15

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
ENGL	106	Technical Writing	3
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS			130

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

The Pastry and Specialty Baking program covers basic and advanced skills in pastry and specialty baking and decorating. It includes cakes and Danish; French and Swiss pastries; fancy desserts; confections; tortes; fillings; specialty breads; decorating; and sugar and chocolate work. Graduates are prepared for pastry positions in hotels, fine restaurants, clubs, and a variety of positions in retail and wholesale bakeries.

REQUIREMENTS

Requirements

- maintain a minimum cumulative grade point average of 2.0.
- complete selected Culinary Arts certificate requirements (130 credits)

TECHNICAL SPECIALTY COURSES

FSD	100	Health and Sanitation	3
HOS	203	Commercial Food Nutrition	3
PST	101	Pastry and Baking Orientation	5
PST	102	Introduction to Baking Management	5
PST	103	Decoration Theory 1	4
PST	104	Decoration Theory 2	4
PST	105	Decoration Theory 3	4
PST	111	Baking 1	15
PST	112	Pastry 1.	15
PST	113	Baking 2	15
PST	211	Pastry 2.	15
PST	212	Pastry 3.	15
PST	213	Pastry 4.	15

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
ENGL	106	Technical Writing.	3
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3

ELECTIVES - GENERAL EDUCATION

A minimum of 10 elective credits from at least two of the following:

Visual, Literary and Performing Arts.	5
Individual, Cultures and Societies	5
Science & Mathematics	5
Business & Office	5

ELECTIVES - GENERAL EDUCATION CREDITS	10
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TOTAL PROGRAM CREDITS	140
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Associate of Applied Science - T Degree (A.A.S.-T)

The Pastry and Specialty Baking program covers basic and advanced skills in pastry and specialty baking and decorating. It includes cakes and Danish; French and Swiss pastries; fancy desserts; confections; tortes; fillings; specialty breads; decorating; and sugar and chocolate work. Graduates are prepared for pastry positions in hotels, fine restaurants, clubs, and a variety of positions in retail and wholesale bakeries.

REQUIREMENTS

To earn an A.A.S.-T degree in Pastry and Baking Arts, students must maintain a minimum cumulative grade point average of 2.0.

TECHNICAL SPECIALTY

FSD	100	Health and Sanitation	3
HOS	203	Commercial Food Nutrition	3
PST	101	Pastry and Baking Orientation	5
PST	102	Introduction to Baking Management	5
PST	103	Decoration Theory 1	4

PST	104	Decoration Theory 2	4
PST	105	Decoration Theory 3	4
PST	111	Baking 1	15
PST	112	Pastry 1.	15
PST	113	Baking 2	15
PST	211	Pastry 2.	15
PST	212	Pastry 3.	15
PST	213	Pastry 4.	15

TECHNICAL SPECIALTY CREDITS	118
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RELATED INSTRUCTION

ENGL&	101	English Composition I	5
ENGL&	102	Composition II	5
MATH	102	College Algebra	5
PSYC&	100	General Psychology.	5

RELATED INSTRUCTION CREDITS	20
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ELECTIVES

Select 10 credits from the following:

Visual, Literary and Performing Arts.	5
Individual, Cultures and Societies	5
Science & Mathematics	5
Business & Office	5

ELECTIVES CREDITS	10
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TOTAL PROGRAM CREDITS	148
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Culinary Arts: Restaurant Production

Restaurant industry leaders recognize that the Culinary Arts program at South Seattle College provides outstanding culinary arts training. The program is a member of the prestigious International Association of Culinary Professionals and offers internships and training at partner institutions in Spain, Italy, Ireland, China, and France. The department works closely with the hospitality industry to develop innovative, realistic programs that provide students with skills needed for successful employment.

Culinary Arts students learn the food production skills necessary to operate multifaceted food service operations on campus. A Food Court features a cafeteria with classic and contemporary menus, a short order grill, grab-and-go items, and a delicatessen. Two waited-service dining rooms, Café Alki and Alhadeff Grill, feature cooked-to-order menus with preparation typical of upscale restaurants in the Northwest. Food management classes train students in inventory control, operations analysis, purchasing, production, supervision, and personnel management. Students prepare for careers in dining room service, food production, and supervision for hotel, restaurant, catering, and institutional food service operations.

The Culinary Arts and Pastry and Baking Arts programs require all uniforms, tools, and books which will be used throughout the program to be purchased by the first day of class. Check with the Culinary Arts Office for a complete list of uniform and tool kit options, prices, and for a list of required texts.

Certificate

TECHNICAL SPECIALTY COURSES

FSD 100	Health and Sanitation	3
FSD 101	Orientation to Culinary Arts	1
FSD 160	Theory 1 - Culinary Fundamentals	5
FSD 165	Culinary 1	15
FSD 170	Theory 2 - Advanced Culinary Fundamentals	5
FSD 175	Culinary 2	15
FSD 180	Theory 3 - Garde Manger/Advanced Cold Food	5
FSD 185	Culinary 3	15
FSD 190	Theory 4 - Restaurant Cost Controls	5
FSD 195	Culinary 4	15
FSD 200	Theory 5 - Management Techniques	5
FSD 205	Restaurant Production	15
HOS 203	Commercial Food Nutrition	3

RELATED INSTRUCTION

ENGL 105	Applied Composition	3
ENGL 106	Technical Writing	3
MATH 110	Applied Math for Technicians	3
PSYC 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		119

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

REQUIREMENTS

- Completion of Certificate Requirements: 119 credits
- Students must maintain a minimum cumulative grade point average of 2.0.

TECHNICAL SPECIALTY COURSES

FSD 100	Health and Sanitation	3
FSD 101	Orientation to Culinary Arts	1
FSD 160	Theory 1 - Culinary Fundamentals	5
FSD 165	Culinary 1	15
FSD 170	Theory 2 - Advanced Culinary Fundamentals	5
FSD 175	Culinary 2	15
FSD 180	Theory 3 - Garde Manger/Advanced Cold Food	5
FSD 185	Culinary 3	15
FSD 190	Theory 4 - Restaurant Cost Controls	5
FSD 195	Culinary 4	15
FSD 200	Theory 5 - Management Techniques	5
FSD 205	Restaurant Production	15
HOS 203	Commercial Food Nutrition	3

RELATED INSTRUCTION

ENGL 105	Applied Composition	3
ENGL 106	Technical Writing	3
MATH 110	Applied Math for Technicians	3
PSYC 240	Psychology of Human Relations	3

ELECTIVES - GENERAL EDUCATION

A minimum of 10 elective credits from at least two of the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Science & Mathematics	5
Business & Office	5

ELECTIVES - GENERAL EDUCATION CREDITS	10
TOTAL PROGRAM CREDITS	129

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

REQUIREMENTS

- Completion of Certificate Requirements: 119 credits
- Students must maintain a minimum cumulative grade point average of 2.0.

TECHNICAL SPECIALTY

FSD 100	Health and Sanitation	3
FSD 101	Orientation to Culinary Arts	1
FSD 160	Theory 1 - Culinary Fundamentals	5
FSD 165	Culinary 1	15
FSD 170	Theory 2 - Advanced Culinary Fundamentals	5
FSD 175	Culinary 2	15
FSD 180	Theory 3 - Garde Manger/Advanced Cold Food	5
FSD 185	Culinary 3	15
FSD 190	Theory 4 - Restaurant Cost Controls	5
FSD 195	Culinary 4	15
FSD 200	Theory 5 - Management Techniques	5
FSD 205	Restaurant Production	15
HOS 203	Commercial Food Nutrition	3

TECHNICAL SPECIALTY CREDITS 107

RELATED INSTRUCTION

ENGL& 101	English Composition I	5
ENGL& 102	Composition II	5
MATH 102	College Algebra	5
PSYC& 100	General Psychology	5

RELATED INSTRUCTION CREDITS 20

ELECTIVES

A minimum of ten elective credits from at least two of the following:

Visual, Literary and Performing Arts	5
Lab Science	5
Business & Office	5

ELECTIVES CREDITS	10
TOTAL PROGRAM CREDITS	137

Diesel & Heavy Equipment Technician

Diesel Technology Training Center
(206) 934-5391

Graduates of this program find career opportunities in trucking, heavy equipment, construction, industrial machinery, marine diesel, and materials handling. More advanced opportunities may be available as shop service representatives, service managers, foremen and construction equipment superintendents.

The certificate program can be completed in six quarters. Advanced standing may be granted for work experience and/or related training. The Associate of Applied Science degree builds upon previously acquired knowledge and skills to develop leadership and communication abilities.

There are additional costs for books and supplies. Students are responsible for getting required tools before instruction begins.

Certificate

TECHNICAL SPECIALTY COURSES

BUS	159	Introduction to Computing for Technical Programs	5
HDM	100	Preventive Maintenance and Inspection	8
HDM	108	Heavy Duty Diesel Welding	8
HDM	110	Introduction to Electrical	8
HDM	115	Advanced Electrical	8
HDM	120	Tires, Alignment, Steering and Suspension	8
HDM	125	Hydraulic and Air Brakes	8
HDM	171	Lift Truck Operator	2
MVM	101	Introduction to Motor Vehicle Maint Technology I	8

RELATED INSTRUCTION

ENGL	105	Applied Composition	3
			Admission via passing testing requirement/permission only.
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3

TOTAL PROGRAM CREDITS 72

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

REQUIREMENTS

Completion of Certificate Requirements: 72 credits

TECHNICAL SPECIALTY COURSES

BUS	159	Introduction to Computing for Technical Programs	5
HDM	100	Preventive Maintenance and Inspection	8
HDM	108	Heavy Duty Diesel Welding	8
HDM	110	Introduction to Electrical	8
HDM	115	Advanced Electrical	8
HDM	120	Tires, Alignment, Steering and Suspension	8
HDM	125	Hydraulic and Air Brakes	8
HDM	130	Hydraulics & Pneumatics	8

HDM	135	Drive Train	8
HDM	140	Heating, Ventilation and Air Conditioning	8
HDM	145	Gasoline Engines	8
HDM	150	Diesel Engine Diagnos/Remove and Replace	8
HDM	155	Diesel Engine Rebuild	8
HDM	171	Lift Truck Operator	2
HDM	197	Internship - Heavy Duty Diesel	7
			Credit range: 1-7; Total required credits: 1-6
			Requires program advising. Please see a program advisor or counselor for details.
MVM	101	Introduction to Motor Vehicle Maint Technology I	8

TECHNICAL ELECTIVES

ENGL	105	Applied Composition	3
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3

TOTAL PROGRAM CREDITS 121-126

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

TECHNICAL SPECIALTY COURSES

BUS	159	Introduction to Computing for Technical Programs	5
HDM	100	Preventive Maintenance and Inspection	8
HDM	108	Heavy Duty Diesel Welding	8
HDM	110	Introduction to Electrical	8
HDM	115	Advanced Electrical	8
HDM	120	Tires, Alignment, Steering and Suspension	8
HDM	125	Hydraulic and Air Brakes	8
HDM	130	Hydraulics & Pneumatics	8
HDM	135	Drive Train	8
HDM	140	Heating, Ventilation and Air Conditioning	8
HDM	145	Gasoline Engines	8
HDM	150	Diesel Engine Diagnos/Remove and Replace	8
HDM	155	Diesel Engine Rebuild	8
HDM	171	Lift Truck Operator	2
HDM	197	Internship - Heavy Duty Diesel	7
			Credit range: 1-7; Total required credits: 1-7
			Requires program advising. Please see a program advisor or counselor for details.
MVM	101	Introduction to Motor Vehicle Maint Technology I	8

RELATED INSTRUCTION

Minimum of 10 credits from any two of the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Natural World, the	5
Science & Mathematics	5
Business & Office	5
Supervision & Management	5
Technical Specialty course	5

RELATED INSTRUCTION CREDITS 10

RELATED INSTRUCTION

ENGL& 101	English Composition I	5
MATH 102	College Algebra	5
PSYC& 100	General Psychology.	5

RELATED INSTRUCTION CREDITS		15
TOTAL PROGRAM CREDITS		137-143

Engineering Graphics and Design Technology

**Academic Programs
(206) 934-6600**

This program provides training for employment in civil, architectural and mechanical drafting positions. Instruction includes a combination of technical knowledge and skill development in areas such as orthographic projection, descriptive geometry, sections, dimensions, auxiliaries, materials and processes, presentation graphics, design models and surveying, culminating in a comprehensive design/drafting project. Training in computer-aided design (CAD) is an integral part of the program.

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

TECHNICAL SPECIALTY COURSES

INT 100	Overview of Manufacturing Processes.	3
MET 102	Creative Technical Problem Solving.	4
TDR 105	Technical Employment Preparation	1
TDR 121	Drafting Technology I.	4
TDR 123	Drafting Technology II	4
TDR 125	Drafting Technology III	4
TDR 126	Space Geometry.	4
TDR 129	Industrial Blueprint Reading.	3
TDR 131	Introduction to CAD 2-D.	4
TDR 133	Intermediate CAD 2-D	4
TDR 135	AutoCAD 3-D Modeling	4
TDR 169	CAD - Electrical	4
TDR 179	CAD - Mechanical	4
TDR 197	Internship	5
Credit range: 1-5; Total required credits: 3		
TDR 230	CAD 3-D Parametric Solid Design I	4
TDR 231	CAD 3-D Parametric Solid Design II.	4
TDR 236	Design Project Management	1
TDR 237	Design Project I	2
TDR 238	Design Project II	2
TDR 263	Applied Mechanics I	4
TDR 272	Applied Mechanics II.	4

TECHNICAL SPECIALTY CREDITS		73
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MAJOR AREA OF STUDY

Areas of Study: Architectural - Civil - Mechanical
Select a minimum of 16 credits from the following list. Selection should be made based on faculty advisor recommendation.

CET 230	Construction Tech.	3
TDR 160	Surveying/CAD Civil	5
TDR 228	CAD Sheet Metal/HVAC.	4
TDR 240	Introduction to CATIA.	4
TDR 241	Intermediate CATIA	4
TDR 243	Basic Tool Design	4
TDR 245	Design of Machine Elements	4
TDR 268	Architectural/Structural.	4
TDR 280	Geometric Dimensioning & Tolerancing.	4

MAJOR AREA OF STUDY CREDITS		16
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RELATED INSTRUCTION

ENGL 105	Applied Composition	3
ICT 103	Computer Applications I	2
MATH 111	Applied Mathematics I.	5
MATH 112	Applied Mathematics II	5
<i>Following can be substituted for MATH 111 & 112:</i>		
MATH&141	Pre-Calculus I	5
MATH&142	Pre-Calculus II.	5
PSYC 240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS		18
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ELECTIVES

Students must select from courses that support their overall technical objectives.

Requires signed approval from Dean of Technology or his designee.

A minimum of 5 credits in two of the following areas:

Visual, Literary and Performing Arts.	5
Individual, Cultures and Societies	5
Natural World, the	5

ELECTIVES CREDITS		6
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TOTAL PROGRAM CREDITS		110
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Associate of Applied Science - T Degree (A.A.S.-T)

TECHNICAL SPECIALTY COURSES

INT 100	Overview of Manufacturing Processes.	3
MET 102	Creative Technical Problem Solving.	4
TDR 105	Technical Employment Preparation	1
TDR 121	Drafting Technology I.	4
TDR 123	Drafting Technology II	4
TDR 125	Drafting Technology III.	4
TDR 126	Space Geometry.	4
TDR 129	Industrial Blueprint Reading.	3
TDR 131	Introduction to CAD 2-D.	4
TDR 133	Intermediate CAD 2-D	4
TDR 135	AutoCAD 3-D Modeling	4

TDR	169	CAD - Electrical	4
TDR	179	CAD - Mechanical	4
TDR	197	Internship	5
Credit range: 1-5: Total required credits: 3			
TDR	230	CAD 3-D Parametric Solid Design I	4
TDR	231	CAD 3-D Parametric Solid Design II	4
TDR	236	Design Project Management	1
TDR	237	Design Project I	2
TDR	238	Design Project II	2
TDR	263	Applied Mechanics I	4
TDR	272	Applied Mechanics II	4

TECHNICAL SPECIALTY CREDITS 73

MAJOR AREA OF STUDY

Areas of Study: Architecture - Civil - Mechanical
 Select a minimum of 16 credits from the following. Selection should be made based on faculty advisor recommendation

CET	230	Construction Tech.	3
TDR	160	Surveying/CAD Civil	5
TDR	228	CAD Sheet Metal/HVAC	4
TDR	240	Introduction to CATIA	4
TDR	241	Intermediate CATIA	4
TDR	243	Basic Tool Design	4
TDR	245	Design of Machine Elements	4
TDR	268	Architectural/Structural	4
TDR	280	Geometric Dimensioning & Tolerancing	4

MAJOR AREA OF STUDY CREDITS 16

RELATED INSTRUCTION

ENGL&	101	English Composition I	5
MATH&	141	Precalculus I	5
MATH&	142	Precalculus II	5
PSYC&	100	General Psychology	5

RELATED INSTRUCTION CREDITS 20

ELECTIVES

A minimum of 5 credits in two of the following areas:
 Visual, Literary and Performing Arts 5
 Individual, Cultures and Societies 5
 Natural World, the 5

ELECTIVES CREDITS 5

TOTAL PROGRAM CREDITS 112

Engineering Technology

Academic Programs
(206) 934-6600

Engineering technicians play a key role in implementing designed solutions to technical problems. These tasks are accomplished with a solid background in mathematics, physics, and applied engineering, as well as skills in problem-solving and creative thinking. Successful graduates of the engineering technology program are qualified to seek employment as engineering technicians or may transfer to a four-year college to pursue a degree in Engineering or Engineering Technology.

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

TECHNICAL SPECIALTY COURSES

ENGR	110	Engineering Orientation	2
ENGR	142	Computer Programming	5
ENGR&	214	Statics	5
ENGR&	225	Mechanics of Materials	5
ENGR	298	Special Topics	5
Credit range: 1-5			
Total required internship credits: 4			
ENGR	299	Independent Study	5
Credit range: 1-5			
Total required internship credits: 4			
INT	100	Overview of Manufacturing Processes	3
TDR	126	Space Geometry	4
TDR	131	Introduction to CAD 2-D	4
TDR	133	Intermediate CAD 2-D	4
TDR	236	Design Project Management	1
TDR	237	Design Project I	2
TDR	238	Design Project II	2

TECHNICAL SPECIALTY CREDITS 47

RELATED INSTRUCTION

ENGL&	101	English Composition I	5
ENGL	108	Technical Report Writing	3
MATH&	142	Precalculus II	5
MATH&	151	Calculus I	5
MATH&	152	Calculus II	5
PHYS&	221	Engineering Physics I	5
PHYS&	222	Engineering Physics II	5
PSYC	240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS 36

ELECTIVE COURSES

Minimum of 6 credits in the following areas:
 Visual, Literary and Performing Arts 6
 Individual, Cultures and Societies 6

ELECTIVE COURSES CREDITS 6

TOTAL PROGRAM CREDITS 95

Home Care Aide Short-Term Certificate

Workforce Education (206) 934-5835

This is a full-time course designed to prepare students for success in passing the State of Washington Department of Health Home Care Aide examination, and as a step in continuing to Nursing Assistant Certified and other nursing or health-related courses. It covers the 85 hours of learning and skills objectives mandated by Washington State for Home Care Aide. It also includes context-related basic skills, such as reading and study strategies, math, and oral communication.

TECHNICAL SPECIALTY COURSES

AHE 135	Home Care Aide	15
TOTAL PROGRAM CREDITS		15

Industrial Maintenance Mechanic (AJAC)

Apprenticeship Division (206) 934-5387

The Industrial Maintenance Mechanic Program is an Apprenticeship Program offered through the Aerospace Joint Apprenticeship Committee at the Georgetown Campus. This program is a 2-year Aerospace/aircraft oriented program. Students must have successfully completed the first 2 years of aircraft mechanic airframe machinist program and have their FAA airframe license. For more information please contact the Aerospace Joint Apprenticeship Committee at (206) 764-7940 or info@AJACtraining.org.

Certificate

TECHNICAL SPECIALTY COURSES

IMMA 101	Mechanical Drawings AJAC	5
IMMA 102	Lifting & Rigging AJAC	5
IMMA 103	Precision Machining	5
IMMA 121	Welding for Maintenance Technicians	5
IMMA 122	Electrical Systems	5
IMMA 123	Machine Automation Theory	5
IMMA 201	Math for Maintenance Technicians	5
IMMA 202	Maintenance Machining	5
IMMA 203	Mechanical Systems	5
IMMA 221	Fluid Power Systems	5
IMMA 222	Materials Processes & References	5
IMMA 223	Mechatronics Capstone	5
On-the-Job Training credits		10
TOTAL PROGRAM CREDITS		70

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

TECHNICAL SPECIALTY COURSES

IMMA 101	Mechanical Drawings AJAC	5
IMMA 102	Lifting & Rigging AJAC	5
IMMA 103	Precision Machining	5
IMMA 121	Welding for Maintenance Technicians	5
IMMA 122	Electrical Systems	5
IMMA 123	Machine Automation Theory	5
IMMA 201	Math for Maintenance Technicians	5
IMMA 202	Maintenance Machining	5
IMMA 203	Mechanical Systems	5
IMMA 222	Materials Processes & References	5
IMMA 223	Mechatronics Capstone	5

TECHNICAL SPECIALTY CREDITS	70
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RELATED INSTRUCTION

BUS 235	Oral Communications in Business	5
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Following can be substituted:

CMST&220	Public Speaking	5
ENGL& 101	English Composition I	5
MATH& 107	Math in Society	5
PSYC& 100	General Psychology	5

Following can be substituted:

SOC& 101	Intro to Sociology	5
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RELATED INSTRUCTION CREDITS	20
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TOTAL PROGRAM CREDITS	90
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Industrial Manufacturing & Transportation

Flagging (non-credit) Short-Term Certificate

Georgetown Campus (206) 934-5350

The course covers all the material and work practices which a person needs in order to qualify as an entry level licensed flagger in the State of Washington. Federal, State and Local Guidelines and the Manual on Uniform Traffic Control Devices (MUTCD) are also covered.

TECHNICAL SPECIALTY COURSES

CSS 123	Flagging and Traffic Control	0
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Industrial Manufacturing Advanced Short-Term Certificate

Georgetown Campus
(206) 934-7914

A short-term training program primarily for entry-level and reentering professionals wanting to update and expand their skill set in the world of diversified and advanced manufacturing. In recent years, the manufacturing industry has been a staple, living wage job for many residents in the Puget Sound. With manufacturing on the rise this short-term professional technical certificate supports introductory skill building in new and traditional manufacturing techniques including industry certifications in: Electronics, Blueprint Writing, CPR/First Aid, Flagging, OSHA 30, LEAN Manufacturing, Composites and Welding.

Graduates have the opportunity to be hired directly by employers that support the program and interview candidates. The result from this program is a skilled pipeline of entry level workers to support the growing number of industrial manufacturing jobs in the region. The Academy provides students a pathway to enter into an apprenticeship or continue their education with the Seattle College District. Credits earned in this program may transfer into other industrial educational pathways at South Seattle College or in the district. Successful completion of the Manufacturing Academy may satisfy the minimum requirements for entry into the Aerospace Joint Apprenticeship Council program.

This program is one of two certificates that make up the Industrial Manufacturing Academy.

TECHNICAL SPECIALTY COURSES

INT	112	Manufacturing Tools and Trades	5
INT	115	Introduction to Lean Manufacturing	3
INT	165	OSHA 30 General Safety	3
INT	180	Introduction to Composites	3
TOTAL PROGRAM CREDITS			14

Industrial Manufacturing Basics Short-Term Certificate

Georgetown Campus
(206) 934-5350

A short-term training program primarily for entry-level and reentering professionals wanting to update and expand their skill set in the world of diversified and advanced manufacturing. In recent years, the manufacturing industry has been a staple, living wage job for many residents in the Puget Sound. With manufacturing on the rise this short-term professional technical certificate supports introductory skill building in new and traditional manufacturing techniques including industry certifications in: Electronics, Blueprint Writing, CPR/First Aid, Flagging, OSHA 30, LEAN Manufacturing, Composites and Welding.

Graduates have the opportunity to be hired directly by employers that support the program and interview candidates. The result from this program is a skilled pipeline of entry level workers to support the growing number of industrial manufacturing jobs in the region. The Academy provides students a pathway to enter into an apprenticeship or continue their education with the Seattle College District. Credits earned in this program may transfer into other industrial educational pathways at South Seattle College or in the district. Successful completion of the Manufacturing Academy may satisfy the minimum requirements for entry into the Aerospace Joint Apprenticeship Council program.

This program is one of two certificates that make up the Industrial Manufacturing Academy.

TECHNICAL SPECIALTY COURSES

HDM	171	Lift Truck Operator	2
IFS	100	Industrial First Aid and Safety	2
INT	101	Manufacturing Basics I	3
INT	108	Intro to Blueprint Reading for Construction . . .	3
INT	109	Flagging and Traffic Control	1
MATH	110	Applied Math for Technicians	3
TOTAL PROGRAM CREDITS			14

Industrial Vehicles Basics Short-Term Certificate

Georgetown Campus
(206) 934-5350

This certificate is designed to prepare students to enter the warehouse and logistics industries and to prepare students for Washington State's Commercial Driver's License (CDL) knowledge examination. With a growing need in logistics and transportation and the graying of the local workforce, employers and partners require a qualified pipeline of students prepared to enter the workplace. Industry-recognized credentials, job preparation, and test preparation comprise the course.

CERTIFICATE COMPLETION OUTCOMES:

- OSHA 10 certification
- Flagging and Traffic Control certification
- Forklift and Scissorlift certifications
- Prepared to take Washington State's CDL knowledge examination

TECHNICAL SPECIALTY COURSES

HDM	171	Lift Truck Operator	2
INT	109	Flagging and Traffic Control	1
INT	160	Introduction to Safety and Health OSHA 10 . . .	1
			Credit Range: 1-3; Total Required Credits: 1
IVP	100	CDL Knowledge Test Preparation	2
WET	100	Employment and Education Preparation	1
			Credit Range: 1-5; Total Required Credits: 1
TOTAL PROGRAM CREDITS			7

Industrial Vehicles Advanced Short-Term Certificate

Georgetown Campus
(206) 934-5350

This certificate is designed to pass their Washington State's Commercial Driver's License (CDL) class A driving examination. With a growing need in logistics and transportation, employers and partners require a qualified pipeline of students prepared to enter the workplace. Nationally, the American Trucking Association estimates a current shortage of 35 to 40 thousand drivers, projected to reach 240,000 by 2022. According to EMSI, from 2015 to 2020 there will be 985 annual openings in Washington for tractor-trailer truck drivers. This program will prepare students for industry with a focus on safety, trip inspection, street driving, and test preparation.

CERTIFICATE OUTCOMES

- Be prepared to take Washington State's Commercial Driver's License Class A driving test.
- Drive class A vehicles on the street and highway.
- Couple and uncouple a tractor from a trailer.
- Chain up a commercial vehicle.
- Back up class A vehicle in a straight line, angled, and blind sided.
- Scale loads.

TECHNICAL SPECIALTY COURSES

IVP	101	Fundamentals of Commercial Truck Driving . . .	6
IVP	102	Class A Street Driving	2
IVP	103	Class A Backing and Maneuvering	2
IVP	104	Class A Trip Inspection	2
IVP	105	Class A Lab Range and Observation	7
TOTAL PROGRAM CREDITS			19

Introduction to Green Manufacturing Short-Term Certificate

Georgetown Campus
(206) 934-5350

The Introduction to Green Manufacturing Processes is a work-training program designed to give adults training, certifications and internship experience in Green manufacturing. Graduates are trained to be competitive for entry level employment in manufacturing and the program is designed to provide a framework for instruction in the following topics.

TECHNICAL SPECIALTY COURSES

GMF	100	Introduction to Green Manufacturing Processes	15
TOTAL PROGRAM CREDITS			15

Logistics, Transportation and Supply Chain Management Basics Short-Term Certificate

Professional Technical
(206) 934-5350

This is 19 Credit Short Term Training program is designed for working adults who are interested in the logistics industry. Initially classes will be offered at night with an on-line component. The internship class is not required to complete the program.

TECHNICAL SPECIALTY COURSES

LOG	235	Introduction to Transport and Logistics	3
LOG	236	Introduction to Airport and Sea Port Operations . .	4
LOG	237	Supply Chain Management	4
LOG	238	Domestic and International Freight Operations . .	4
LOG	239	Transportation and Border Security.	4
TOTAL PROGRAM CREDITS			19

IT Systems Specialist

Technical Education Division
(206) 934-5365

The IT Systems Specialist program is for students who enjoy solving PC hardware, operating systems, common applications, and network problems. Students learn to diagnose, document and correct problems. Graduates can continue at South to earn the Network Administration A.A.S. or A.A.S.-T degree and/or can seek employment as technical support personnel in retail stores, communication companies, IT support/installation companies, education institutions, health care facilities and others.

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

TECHNICAL SPECIALTY COURSES

CSC	100	Beginning Computers	5
CTN	101	Introduction to Computing Technology.	5
CTN	120	Databases I	5
CTN	131	Introduction to Computer Programming.	5
CTN	142	Operating Systems II.	5
CTN	143	Operating Systems III	5
CTN	160	Web Production I.	5
CTN	170	PC Hardware I.	5
CTN	171	PC Hardware II	5
CTN	197	Computing Internship	15
			Credit range: 1-15
			Total internship credits required: 3
CTN	270	Local Area Networks I	5
CTN	274	Local Area Networks III	5
CTN	277	Network Security 1	5
CTN	278	Wireless Communication I	3
CTN	295	Research and Customer Service	5
TECHNICAL SPECIALTY CREDITS			83

TECHNICAL ELECTIVES

Of the 30 technical elective credits required, minimum of 10 credits must be selected from the following (or other approved computer-related coursework.)

CTN	121	Database II	5
CTN	224	Web Server Configuration and Management	5
CTN	276	Virtualization and the Cloud 1	5
CTN	281	Security+ Certification	5
CTN	282	Cisco I	5
CTN	283	Cisco II	5

TECHNICAL ELECTIVES CREDITS 30

RELATED INSTRUCTION

BUS	116	Business Math/Spreadsheets	5
BUS	169	Using Computers in Business	5
ENGL	105	Applied Composition	3
ENGL	106	Technical Writing	3
PSYC	240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS 19

GENERAL EDUCATION ELECTIVES

Select 5 credits from one of the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5

GENERAL EDUCATION ELECTIVES CREDITS 5

TOTAL PROGRAM CREDITS 105

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

TECHNICAL SPECIALTY COURSES

CSC	100	Beginning Computers	5
CTN	101	Introduction to Computing Technology	5
CTN	120	Databases I	5
CTN	131	Introduction to Computer Programming	5
CTN	142	Operating Systems II	5
CTN	143	Operating Systems III	5
CTN	160	Web Production I	5
CTN	170	PC Hardware I	5
CTN	171	PC Hardware II	5
CTN	197	Computing Internship	15
Credit range: 1-15			
Total required internship credits: 3			
CTN	270	Local Area Networks I	5
CTN	274	Local Area Networks III	5
CTN	277	Network Security 1	5
CTN	278	Wireless Communication I	3
CTN	295	Research and Customer Service	5

TECHNICAL ELECTIVES

Minimum of 10 credits must be selected from the following (or other approved computer-related coursework).

CTN	121	Database II	5
CTN	224	Web Server Configuration and Management	5
CTN	276	Virtualization and the Cloud 1	5
CTN	281	Security+ Certification	5
CTN	282	Cisco I	5
CTN	283	Cisco II	5

RELATED INSTRUCTION

ENGL&	101	English Composition I	5
MATH	102	College Algebra	5
PHYS&	114	General Phys I W/Lab	5
or other Science course			
PSYC&	100	General Psychology	5

GENERAL EDUCATION ELECTIVES

Minimum of 5 credits from one of the following:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5

TOTAL PROGRAM CREDITS 111

Landscape Horticulture

**Technical Education
(206) 934-5394**

The Landscape Horticulture program offers training in landscape design and construction, greenhouse and nursery operations, irrigation systems, plant problem diagnostics, pruning, plant identification, soil science and much more. Students may choose between a certificate program, an Associate of Applied Science degree or individual courses to meet specific needs. Graduates typically find employment in landscape construction firms, pest management services, tree care companies, garden centers, wholesale nurseries, park maintenance departments and greenhouses. There are many self-employment opportunities in this field.

One-Year Certificate

TECHNICAL SPECIALTY COURSES

LHO	100	Careers in Horticulture	1
LHO	110	Weed and Integrated Pest Management	5
LHO	115	Fall Plant Identification	4
LHO	116	Winter Plant Identification	4
LHO	117	Spring Plant Identification	4
LHO	139	Landscape Maintenance	4
LHO	140	Intro to Arboriculture	4
LHO	150	Horticulture Science	4
LHO	152	Soils	3
LHO	155	Pruning	4
LHO	197	Internship	1

RELATED INSTRUCTION

ENG	105	English Composition	3
MATH	110	Math for Technicians	3
PSY	240	Psychology of Human Relations	3

TOTAL PROGRAM CREDITS 47

**Associate of Applied Science Degree (A.A.S.)
Track A – Design and Construction Installation**

TECHNICAL SPECIALTY COURSES

LHO	100	Careers in Horticulture	1
LHO	110	Weed and Integrated Pest Management	5
LHO	115	Fall Plant Identification	4
LHO	116	Winter Plant Identification	4
LHO	117	Spring Plant Identification	4
LHO	122	Residential Landscape Design I	5
LHO	126	Residential Landscape Design II	5
LHO	135	Introduction to Drainage and Irrigation System	3
LHO	139	Landscape Maintenance	4
LHO	140	Intro to Arboriculture	4
LHO	142	Sustainable Practices for the Urban Environment	4
LHO	150	Horticulture Science	4
LHO	152	Soils	3
LHO	155	Pruning	4
LHO	189	Introduction to Landscape Construction	3
LHO	197	Internship	1
LHO	236	Advanced Irrigation System Design.	5
LHO	238	Maintenance Estimating and Bidding	3
LHO	250	Small Business	3
LHO	263	Residential Landscape Design III	5
LHO	265	Landscape Contracts and Specifications.	3
LHO	267	Dynascape for Landscape Design.	5
LHO	272	Landscape Construction Projects, Fall.	4
LHO	273	Landscape Construction Projects, Spring	4
LHO	295	Externship	1

RELATED INSTRUCTION

ENG	105	English Composition	3
MATH	110	Math for Technicians	3
PSY	240	Psychology of Human Relations	3

TOTAL PROGRAM CREDITS 100

**Associate of Applied Science - T Degree (A.A.S.-T)
Track A – Design and Construction Installation**

TECHNICAL SPECIALTY COURSES

LHO	100	Careers in Horticulture	1
LHO	110	Weed and Integrated Pest Management	5
LHO	115	Fall Plant Identification	4
LHO	116	Winter Plant Identification	4

LHO	117	Spring Plant Identification	4
LHO	122	Residential Landscape Design I	5
LHO	126	Residential Landscape Design II	5
LHO	135	Introduction to Drainage and Irrigation System	3
LHO	139	Landscape Maintenance	4
LHO	140	Intro to Arboriculture	4
LHO	142	Sustainable Practices for the Urban Environment	4
LHO	150	Horticulture Science	4
LHO	152	Soils	3
LHO	155	Pruning	4
LHO	189	Introduction to Landscape Construction	3
LHO	197	Internship	1
LHO	236	Advanced Irrigation System Design.	5
LHO	238	Maintenance Estimating and Bidding	3
LHO	250	Small Business	3
LHO	263	Residential Landscape Design III	5
LHO	265	Landscape Contracts and Specifications.	3
LHO	267	Dynascape for Landscape Design.	5
LHO	272	Landscape Construction Projects, Fall.	4
LHO	273	Landscape Construction Projects, Spring	4
LHO	295	Externship	1

RELATED INSTRUCTION

ENGL&	101	English Composition	5
MATH&	107	Math for Society	5
Transferable General Education			10
A minimum of 10 credits from at least two of these categories: Business & Office; Science & Mathematics; Visual, Literary, & Performing Arts; or Individuals, Cultures & Society.			

TOTAL PROGRAM CREDITS 111

**Associate of Applied Science Degree (A.A.S.)
Track B – Sustainable Land Management**

TECHNICAL SPECIALTY COURSES

LHO	100	Careers in Horticulture	1
LHO	110	Weed and Integrated Pest Management	5
LHO	115	Fall Plant Identification	4
LHO	116	Winter Plant Identification	4
LHO	117	Spring Plant Identification	4
LHO	135	Introduction to Drainage and Irrigation System	3
LHO	139	Landscape Maintenance	4
LHO	140	Intro to Arboriculture	4
LHO	142	Sustainable Practices for the Urban Environment	4
LHO	150	Horticulture Science	4
LHO	152	Soils	3
LHO	155	Pruning	4
LHO	189	Introduction to Landscape Construction	3

LHO 197	Internship	1
LHO 210	Plant Problem Diagnostics	4
LHO 236	Advanced Irrigation System Design	5
LHO 237	Advanced Irrigation Diagnostics and Repairs	5
LHO 238	Maintenance Estimating and Bidding	3
LHO 239	Landscape Management	4
LHO 243	Ecological Restoration Principles and Practices	5
LHO 250	Small Business	3
LHO 265	Landscape Contracts and Specifications	3
LHO 295	Externship	1

RELATED INSTRUCTION

ENG 105	English Composition	3
MATH 110	Math for Technicians	3
PSY 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		90

**Associate of Applied Science - T Degree (A.A.S.-T)
Track B – Sustainable Land Management**

TECHNICAL SPECIALTY COURSES

LHO 100	Careers in Horticulture	1
LHO 110	Weed and Integrated Pest Management	5
LHO 115	Fall Plant Identification	4
LHO 116	Winter Plant Identification	4
LHO 117	Spring Plant Identification	4
LHO 135	Introduction to Drainage and Irrigation System	3
LHO 139	Landscape Maintenance	4
LHO 140	Intro to Arboriculture	4
LHO 142	Sustainable Practices for the Urban Environment	4
LHO 150	Horticulture Science	4
LHO 152	Soils	3
LHO 155	Pruning	4
LHO 189	Introduction to Landscape Construction	3
LHO 197	Internship	1
LHO 197	Internship	1
LHO 210	Plant Problem Diagnostics	4
LHO 236	Advanced Irrigation System Design	5
LHO 237	Advanced Irrigation Diagnostics and Repairs	5
LHO 238	Maintenance Estimating and Bidding	3
LHO 239	Landscape Management	4
LHO 243	Ecological Restoration Principles and Practices	5
LHO 250	Small Business	3
LHO 265	Landscape Contracts and Specifications	3
LHO 295	Externship	1

RELATED INSTRUCTION

ENGL& 101	English Composition	5
MATH& 107	Math for Society	5
Transferable General Education		10
A minimum of 10 credits from at least two of these categories: Business & Office; Science & Mathematics; Visual, Literary, & Performing Arts; or Individuals, Cultures & Society.		
TOTAL PROGRAM CREDITS		101

**Associate of Applied Science Degree (A.A.S.)
Track C – Horticultural Studies**

TECHNICAL SPECIALTY COURSES

LHO 100	Careers in Horticulture	1
LHO 110	Weed and Integrated Pest Management	5
LHO 111	Greenhouse Operations	4
LHO 115	Fall Plant Identification	4
LHO 116	Winter Plant Identification	4
LHO 117	Spring Plant Identification	4
LHO 135	Introduction to Drainage and Irrigation System	3
LHO 139	Landscape Maintenance	4
LHO 140	Intro to Arboriculture	4
LHO 142	Sustainable Practices for the Urban Environment	4
LHO 150	Horticulture Science	4
LHO 152	Soils	3
LHO 155	Pruning	4
LHO 197	Internship	1
LHO 198	Greenhouse Nursery Practicum 1	2
LHO 210	Plant Problem Diagnostics	4
LHO 215	Plant Propagation	4
LHO 218	Advanced Nursery Operations	5
LHO 236	Advanced Irrigation System Design	5
LHO 238	Maintenance Estimating and Bidding	3
LHO 250	Small Business	3
LHO 265	Landscape Contracts and Specifications	3
LHO 295	Externship	1
LHO 298	Greenhouse Nursery Practicum 2	2

RELATED INSTRUCTION

ENG 105	English Composition	3
MATH 110	Math for Technicians	3
PSY 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		90

**Associate of Applied Science - T Degree (A.A.S.-T)
Track C – Horticultural Studies**

TECHNICAL SPECIALTY COURSES

LHO 100	Careers in Horticulture	1
LHO 110	Weed and Integrated Pest Management	5
LHO 111	Greenhouse Operations	4

LHO	115	Fall Plant Identification	4
LHO	116	Winter Plant Identification	4
LHO	117	Spring Plant Identification	4
LHO	135	Introduction to Drainage and Irrigation System	3
LHO	139	Landscape Maintenance	4
LHO	140	Intro to Arboriculture	4
LHO	142	Sustainable Practices for the Urban Environment	4
LHO	150	Horticulture Science	4
LHO	152	Soils	3
LHO	155	Pruning	4
LHO	197	Internship	1
LHO	198	Greenhouse Nursery Practicum 1	2
LHO	210	Plant Problem Diagnostics	4
LHO	215	Plant Propagation	4
LHO	218	Advanced Nursery Operations	5
LHO	236	Advanced Irrigation System Design	5
LHO	238	Maintenance Estimating and Bidding	3
LHO	250	Small Business	3
LHO	265	Landscape Contracts and Specifications	3
LHO	295	Externship	1
LHO	298	Greenhouse Nursery Practicum 2	2

RELATED INSTRUCTION

ENGL&	101	English Composition	5
MATH&	107	Math for Society	5
Transferable General Education			10
A minimum of 10 credits from at least two of these categories: Business & Office; Science & Mathematics; Visual, Literary, & Performing Arts; or Individuals, Cultures & Society.			

TOTAL PROGRAM CREDITS	101
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Integrated Pest Management Short-Term Certificate

Landscape Horticulture
(206) 934-6827

A short-term training program primarily for horticultural professionals wanting to update and expand their skill set. In the broad sense, integrated pest management pertains to all pests of our landscapes, whether they are insect, fungal, bacterial, or weed pests. Knowledge of integrated pest management principles and practices is especially beneficial to those who manage landscapes and those who consult about landscape problems. Skill at diagnosing plant problems and developing integrated strategies for managing those problems is a valuable asset, whether you are self-employed or an employee. Completing this certificate will help one prepare for the Washington State Department of Agriculture pesticide license exams.

TECHNICAL SPECIALTY COURSES

LHO	108	Weed Identification and Management	3
LHO	109	Integrated Pest Management	3
LHO	210	Plant Problem Diagnostics	3

TOTAL PROGRAM CREDITS	9
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Landscape Construction Short-Term Certificate

Landscape Horticulture
(206) 934-6827

This is a short-term training program for Landscape professionals wanting to update and expand their skill set or students interesting in the understanding and implementation of landscape construction projects. This will be helpful to the students to gain skills to start their own business or create a valuable skills for a future employer.

TECHNICAL SPECIALTY COURSES

LHO	189	Introduction to Landscape Construction	3
LHO	272	Landscape Construction Project - Fall	4
LHO	273	Landscape Construction Project - Spring	4

TOTAL PROGRAM CREDITS	11
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Landscape Construction Crew Leader Short-Term Certificate

Landscape Horticulture
(206) 934-6827

A short-term training program for Landscape Professionals wanting to update and expand their skill set or students interesting in the understanding and supervising the implementation of landscape construction projects. This will be helpful to the professional Landscape Contractor who wants to bid and install public, commercial or residential landscapes projects. This will be helpful to the students to gain skills to start their own business or create a valuable skills for a future employer.

TECHNICAL SPECIALTY COURSES

LHO	189	Introduction to Landscape Construction	3
LHO	238	Maintenance Estimating and Bidding	3
LHO	265	Landscape Contracts and Specifications	3
LHO	272	Landscape Construction Project - Fall	4
LHO	273	Landscape Construction Project - Spring	4
LHO	299	Special Topics	4

T.A./ Supervisor Training for:
LHO 272 Landscape Construction Project - Fall
-OR-
LHO 273 Landscape Construction Project - Spring

TOTAL PROGRAM CREDITS	19
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Landscape Horticulture Ecological Restoration Short-Term Certificate

Landscape Horticulture
(206) 934-6827

A short-term training program primarily for horticultural professionals wanting to update and expand their skill set. In recent years, there has been an increasing number of projects involving the restoration of native vegetation and ecosystem health. This could be helpful to professional horticulturists who want to bid on public projects, create native plant landscapes for private property owners, or install native plant gardens in residential landscapes.

TECHNICAL SPECIALTY COURSES

LHO	119	Native Plants for Northwest Landscapes.	3
LHO	240	Ecological Restoration: An Introduction.	3
LHO	241	Ecological Restoration Project Planning Implementation	3

TOTAL PROGRAM CREDITS	9
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Landscape Horticulture Irrigation Technician Short-Term Certificate**Landscape Horticulture
(206) 934-6827**

This is a short-term training program for landscape and horticultural professionals wanting to update and expand their skill set or students interesting in water resource management. Water resource management requires understanding for managing programs designed to protect landscapes, habitats and natural resources. This will be helpful to the professional Landscape Contractor who wants to bid on public, commercial or residential landscapes projects that include irrigation systems.

Completing the certificate would prepare one for design, installation, operation, maintenance, management, and service for landscape, and irrigation systems.

TECHNICAL SPECIALTY COURSES

LHO	135	Introduction to Drainage & Irrigation Systems	3
LHO	197	Internship	2
LHO	236	Advanced Irrigation System Design.	5
LHO	237	Advanced Irrigation Diagnostics and Repair.	5

TOTAL PROGRAM CREDITS	15
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Urban Forestry Short-Term Certificate**Landscape Horticulture
(206) 934-6827**

A short-term training program primarily for horticultural professionals wanting to update and expand their skill set. Urban forestry is about the cultivation and maintenance of trees in urban areas. This includes individual landscape trees, street trees, park trees, and trees in natural areas. Knowledge in urban forestry can be valuable to those who work in parks, public gardens, residential landscape design/construction/maintenance, commercial landscape management, and street tree maintenance. Completing this certificate will help one prepare for the International Society of Arboriculture's "Certified Arborist" exam.

TECHNICAL SPECIALTY COURSES

LHO	140	Introduction to Arboriculture	3
LHO	155	Pruning	3
LHO	210	Plant Problem Diagnostics.	3

TOTAL PROGRAM CREDITS	9
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Maintenance and Light Repair (MLR)**Automotive Technology Training Center
(206) 934-5391**

The automotive technology program qualifies students for employment in auto maintenance and related fields. Career opportunities include advancement to auto shop supervisor, service department head, auto service advisor, sales representative, and shop owner.

Meets NATEF General Service Technician (GST) requirements.

Students completing this program are qualified for entry-level work in the automotive industry.

1 Year Certificate**TECHNICAL SPECIALTY COURSES**

AUT	100	Introduction to Electricity.	6
AUT	122	Steering and Suspension	4
AUT	124	Tires and Wheel Alignment	4
AUT	126	Basic Brake Systems	3
AUT	127	Advanced Brake Systems	4
AUT	128	Automotive Engine Diagnose/Remove and Replace.	4
AUT	130	Automotive Engine Rebuild	8
AUT	134	Introduction to Drivability.	3
MVM	100	Introduction to Automotive Technology I	3
MVM	102	Introduction to Automotive Technology II	6

TECHNICAL SPECIALTY CREDITS	45
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RELATED INSTRUCTION

ENGL	105	Applied Composition.	3
MATH	110	Applied Math for Technicians	3
PSYC	240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS	9
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TOTAL PROGRAM CREDITS	54
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Manufacturing/Machinist Technology**Georgetown Campus
(206) 934-6865**

The CNC Machinist Program is an intensive program designed to prepare qualified individuals for entry into the job market as a CNC Machinist (Computer Numerical Control). Students will be involved in the production and machining of industry parts.

The Basic Manufacturing Certificate of Completion is a one quarter (3 month) course of study that provides students with entry-level manufacturing skills and a foundation for certificates and two year degrees in other manufacturing specialty areas. Students interested in advanced knowledge and skills are encouraged to enroll in a longer course of study to complete an A.A.A.S. degree in Manufacturing at partner colleges.

The Principles of Precision Machining Certificate of Completion is a two quarter (6 month) course of study that provides students with entry level manufacturing skills and a foundation to pursue other certificates and two year degrees in other manufacturing specialty areas.

The Manufacturing/Machinist Technology Certificate of Proficiency is a three quarter (9 month) course of study to prepare students for entry into the job market as a Manufacturing Technician.

This program is part of a collaboration program with Shoreline Community College. Upon completion of the Certificate of Proficiency, it can be applied towards an Associate in Applied Arts and Sciences (A.A.A.S) in Manufacturing/Machinist Technology completed at Shoreline Community College.

Certificate of Proficiency

TECHNICAL SPECIALTY COURSES

MFGT 105	Basic Manufacturing	20
MFGT 106	Intermediate Manufacturing.	20
MFGT 120	Advanced Manufacturing	20
TOTAL PROGRAM CREDITS		60

Medical Office Professional

Technical Education (206) 934-5394

This certificate program prepares individuals to work in a variety of medical office facilities including hospitals, clinics, physician, dental, optical, chiropractic and physical therapy offices, insurance companies and government offices. Emphasis is on interpersonal communication, insurance billing, medical terminology, software programs and conversational skills in a medical setting. Skill development includes clerical functions, keyboarding, billing and patient relations.

Certificate

PREREQUISITES

Enter program with 30 wpm keyboarding skills, or first complete BUS 104 - Keyboarding.

TECHNICAL SPECIALTY COURSES

AHE 106	Math for Healthcare Careers	3
AHE 124	Software Applications for Health Care.	4
AHE 130	Medical Insurance and Coding I	5
AHE 131	Medical Insurance and Coding II.	3
AHE 143	Medical Terminology and A/P I for Coders	4
AHE 144	Medical Terminology and A/P II for Coders . . .	4
AHE 171	Excel for Health Occupations	4
AHE 172	Word for Healthcare	4
AHE 173	Intro to Records Mngmt.	3
BUS 197	Work Experience/Business Occupations. . . .	15
		Credit range: 1-15; Total required credits: 3
BUS 216	Professional Development	5

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
BUS 131	Integrated Communications I.	5
PSYC 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		53

Multi-Occupational Trades Degree for the PSEJATC Apprenticeship Program

Apprenticeship Division (206) 934-5387

South Seattle College provides an Associate of Applied Science degree in Multi-Occupational Trades for students already enrolled in an approved Joint Apprenticeship and Training Council (JATC) apprenticeship program in the following areas: Electricians, Boeing Machinist, Puget Sound Electricians, Sprinkler Fitters, and Meat Cutters. Students enrolled in apprenticeship classes who are interested in this degree should contact their Apprenticeship Coordinator for more information and specific details.

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

REQUIREMENTS

Completion of the apprenticeship requirements of the Puget Sound Electrical Joint Apprenticeship and Training Committee (PSEJATC) Apprenticeship Training Program

PREREQUISITES

Special requirements for admission.

RELATED INSTRUCTION

EEL 141	Accelerated NJATC Electrical Instruction Vice .	12
<i>Following can be substituted:</i>		
EEL 150	PS Electricians - 1st Year	
EEL 151	Puget Sound Electricians - Second Year	10
EEL 152	Puget Sound Electrical JATC - 3rd Year Apprentice	10
EEL 153	Puget Sound Electrical JATC - 4th Year Apprentice	10
EEL 154	Puget Sound Electrical JATC - 5th Year Apprentice	10
ENGL 105	Applied Composition.	3
ENGL 106	Technical Writing.	3
MATH 110	Applied Math for Technicians	3
PSYC 240	Psychology of Human Relations	3
SMG 210	Project Management.	3
TOTAL PROGRAM CREDITS		67

NATEF Master

**Automotive Technology Training Center
(206) 934-5391**

The automotive technology program qualifies students for employment in auto maintenance and related fields. Career opportunities include advancement to auto shop supervisor, service department head, auto service advisor, sales representative, and shop owner. Students completing this program are qualified for entry level work in the automotive industry.

2-Year Certificate

PREREQUISITES

NATEF General Service Technician (GST) Certificate or instructor permission.

Completion of the NATEF Minor Certification is required to earn the Master Certification, but the Minor and Master courses may be taken out of sequence.

TECHNICAL SPECIALTY COURSES

AUT 100	Introduction to Electricity	6
AUT 102	Advanced Electrical Systems	4
AUT 104	Automotive Electronics	3
AUT 106	Basic Power Accessories	3
AUT 112	Manual Transaxles and Clutches	3
AUT 114	Manual Transmissions, Transfer Cases & Drive Axl	3
AUT 116	Air Conditioning and Heating	6
AUT 118	Automatic Transmission Diagnosis and Service	4
AUT 120	Advanced Automatic Transmission Service	6
AUT 122	Steering and Suspension	4
AUT 124	Tires and Wheel Alignment	4
AUT 126	Basic Brake Systems	3
AUT 127	Advanced Brake Systems	4
AUT 128	Automotive Engine Diagnose/Remove and Replace	4
AUT 130	Automotive Engine Rebuild	8
AUT 134	Introduction to Drivability	3
AUT 138	Advanced Drivability and Fuel Systems	6
AUT 140	Engine Computers	4
AUT 142	Emission Controls and Diagnostic Test Equipment	6
MVM 100	Introduction to Automotive Technology I	3
MVM 102	Introduction to Automotive Technology II	6

TECHNICAL SPECIALTY CREDITS 93

RELATED INSTRUCTION

ENGL 105	Applied Composition	3
MATH 110	Applied Math for Technicians	3
PSYC 240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS 9

TOTAL PROGRAM CREDITS 102

Network Administration

**Technical Education Division
(206) 934-5365**

This program is for students who want to specialize in the design, implementation, security and management of networks, workstations, virtualization, and Cloud computing. Areas covered also include hardware, operating systems, databases, local and wide area networks and wireless environments. Graduates can continue at South to earn a B.A.S. degree, seek employment as IT administrative support, start their own business, or be a support specialist in one of these in-demand technologies.

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

TECHNICAL SPECIALTY COURSES

CSC 100	Beginning Computers	5
CTN 101	Introduction to Computing Technology	5
CTN 120	Databases I	5
CTN 131	Introduction to Computer Programming	5
CTN 142	Operating Systems II	5
CTN 143	Operating Systems III	5
CTN 160	Web Production I	5
CTN 170	PC Hardware I	5
CTN 171	PC Hardware II	5
CTN 270	Local Area Networks I	5
CTN 274	Local Area Networks III	5
CTN 276	Virtualization and the Cloud 1	5
CTN 277	Network Security 1	5
CTN 278	Wireless Communication I	3
CTN 281	Security+ Certification	5
CTN 282	Cisco I	5
CTN 283	Cisco II	5
CTN 284	Cisco III	5
CTN 285	Cisco IV	5
CTN 295	Research and Customer Service	5

TECHNICAL SPECIALTY CREDITS 98

TECHNICAL ELECTIVES

Minimum of 10 credits from the following courses or other approved computer related coursework.

CTN 121	Database II	5
CTN 197	Computing Internship	5
	Credit range: 1-15 Total required internship credits: 3-5	
CTN 224	Web Server Configuration and Management	5

TECHNICAL ELECTIVES CREDITS 10

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
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RELATED INSTRUCTION CREDITS 5

GENERAL EDUCATION COURSES

ENGL	105	Applied Composition	3
ENGL	106	Technical Writing.	3
PSYC	240	Psychology of Human Relations	3

GENERAL EDUCATION CREDITS	9
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GENERAL EDUCATION ELECTIVES

A minimum of 5 credits in one of the following areas:

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5

GENERAL EDUCATION ELECTIVES CREDITS	5
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TOTAL PROGRAM CREDITS	125
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Associate of Applied Science - T Degree (A.A.S.-T)

TECHNICAL SPECIALTY COURSES

CSC	100	Beginning Computers	5
CTN	101	Introduction to Computing Technology.	5
CTN	120	Databases I	5
CTN	131	Introduction to Computer Programming.	5
CTN	142	Operating Systems II.	5
CTN	143	Operating Systems III	5
CTN	160	Web Production I.	5
CTN	170	PC Hardware I.	5
CTN	171	PC Hardware II	5
CTN	270	Local Area Networks I	5
CTN	274	Local Area Networks III	5
CTN	276	Virtualization and the Cloud 1	5
CTN	277	Network Security 1	5
CTN	278	Wireless Communication I.	3
CTN	281	Security+ Certification.	5
CTN	282	Cisco I.	5
CTN	283	Cisco II	5
CTN	284	Cisco III	5
CTN	285	Cisco IV.	5
CTN	295	Research and Customer Service	5

TECHNICAL SPECIALTY CREDITS	98
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TECHNICAL ELECTIVES

Minimum of 10 credits must be selected from the following (or other approved computer-related coursework).

CTN	121	Database II	5
CTN	197	Computing Internship	5
		Credit Range: 1-15	
		Total required internship credits: 3-5	
CTN	224	Web Server Configuration and Management	5

TECHNICAL ELECTIVES CREDITS	25
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RELATED INSTRUCTION

ENGL&	101	English Composition I	5
MATH	102	College Algebra	5
PHYS&	114	General Phys I w/Lab	5
		-OR- approved Science course	
PSYC&	100	General Psychology.	5

RELATED INSTRUCTION CREDITS	20
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GENERAL EDUCATION ELECTIVES

Visual, Literary and Performing Arts.	5
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Following can be substituted:

Individuals, Cultures and Societies

GENERAL EDUCATION ELECTIVES CREDITS	5
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TOTAL PROGRAM CREDITS	131
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Computer Technology Virtualization Short-Term Certificate

Computing Technology (206) 934-5394

This certificate is a total of 15 credits and a supplement to the Network Administration Associate of Applied Science Degree. Qualifications: Network Administration A.A.S. degree or equivalent degree within the last two years or have equivalent IT industry experience within the last two years.

TECHNICAL SPECIALTY COURSES

CTN	276	Virtualization and the Cloud 1	5
CTN	286	Virtualization and the Cloud 2	5
CTN	287	Cloud Computing	5

TOTAL PROGRAM CREDITS	15
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Nursing: Associate Degree Nursing (A.D.N.)

Nursing (206) 934-6654

The Associate Degree Nursing Program (A.D.N.) offers an Associate in Nursing Direct Transfer Degree/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.

Associate Degree in Nursing Direct Transfer Agreement Major Ready Pathway (A.D.N. DTA/MRP)

Associate Degree Nursing

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 Chemistry5
 ENGL& 101 English Composition I5
 MATH& 146 Introduction to Statistics5
 PSYC& 100 General Psychology5
 PSYC& 200 Lifespan Psychology5

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 II5
 HUM 105 Interculture Communication.5
 Humanities Electives5
 See Advising for list of approved courses.

COREQUISITE CREDITS 15

TECHNICAL SPECIALTY COURSES

NURS 101 Fundamentals of Nursing.4
 NURS 102 Medical-Surgical Nursing I3
 NURS 103 Medical-Surgical Nursing II3
 NURS 111 Skills Lab I2
 NURS 112 Medical-Surgical Nursing I3
 NURS 113 Skills Lab II1
 NURS 121 Nursing Practice3
 NURS 123 Nursing Practice II.4
 NURS 132 Behavioral Health Nursing3
 NURS 142 Behavioral Health Practice3
 NURS 204 Medical-Surgical Nursing III5
 NURS 205 Medical-Surgical Nursing IV4
 NURS 206 Health Promotion and Managing Care in Nursing 3
 NURS 214 Nursing Practice III3
 NURS 215 Maternal Nursing3
 NURS 216 Nursing Practice IV5
 NURS 224 Pediatric Nursing3
 NURS 225 Maternal Practice1
 NURS 226 Transitions to Professional Nursing Role3
 NURS 234 Pediatric Practice1
 NUTR& 101 Nutrition5
 PHIL 131 Ethics and Policy in Healthcare I1
 PHIL 132 Ethics and Policy in Healthcare II2
 PHIL 230 Ethics and Policy in Healthcare III2
 PSYC 132 Psychosocial Issues in Healthcare I2
 PSYC 231 Psychosocial Issues in Healthcare II.2
 PSYC 232 Psychosocial Issues in Healthcare II.1

TECHNICAL SPECIALTY CREDITS 75

TOTAL PROGRAM CREDITS 135

Parent Education

**Home & Family Life Department
(206) 934-5802**

South Seattle College’s Home & Family Life Department at the Duwamish Apprenticeship and Education Center offers classes in parent education throughout the West Seattle and Vashon Island communities. Parents enroll in a non-credit course titled “Parent Education Child Study Laboratory” while enrolling their child (ages birth to 5 years old) in a Parent Cooperative Preschool. Course content includes child development, positive guidance, communication, anger management, problem-solving, health and safety, family issues, and group organization and leadership. Parents develop skills through informal discussions with other enrolled parents and professional teaching staff, as well as:

- Practical experiential participation in their child’s preschool lab – one day per week.
- Discussion at an evening parenting class – once per month.
- Lectures at parent education seminars – minimum of one per quarter

Supervision & Management

**Technical Education
(206) 934-5394**

Designed for middle managers seeking to sharpen their skills or attain a promotion, the Supervision and Management program is also open to employees who are interested in advancing to management.

Levels of recognition are provided during progressive phases of the program, including a Certificate in Personnel Management (upon completion of six specific courses), a Certificate in Nonprofit Leadership (upon completion of six specific courses), a Certificate of Achievement (upon completion of a minimum of 55 credits), and an A.A.S. degree (upon completion of the required course of study). The Supervision and Management program is articulated to four-year institutions.

Certificate

TECHNICAL SPECIALTY COURSES

SMG 100 Leadership and Supervision3
 SMG 103 Supervising A Diverse Workforce3
 SMG 110 Financial Management3
 SMG 120 Hiring Personnel3
 SMG 197 Internship or Cooperative Education Experience 5
 Credit range: 1-15
 Total required internship credits: 5
 SMG 210 Project Management3
 SMG 217 Organizational Behavior.3
 SMG 220 Personnel Performance Management3
 SMG 222 Management and Labor Relations3
 SMG 265 Marketing Management3

RELATED INSTRUCTION

BUS 110	Business Mathematics	5
	<i>Following can be substituted:</i>	
BUS 116	Business Mathematics/Spreadsheet	5
BUS 131	Integrated Communications I	5
	<i>Following can be substituted:</i>	
ENGL& 101	English Composition I	5
BUS 169	Using Computers in Business	5
	<i>Following can be substituted:</i>	
	Ability to type 25 wpm.	
BUS 230	Business Communications	5
	<i>Following can be substituted:</i>	
ENGL& 102	Composition II	5
PSYC 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		55

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

REQUIREMENTS

Completion of Certificate Requirements: 55 credits

TECHNICAL SPECIALTY COURSES

SMG 100	Leadership and Supervision	3
SMG 103	Supervising A Diverse Workforce	3
SMG 110	Financial Management	3
SMG 120	Hiring Personnel	3
SMG 197	Internship or Cooperative Education Experience	5
SMG 210	Project Management	3
SMG 217	Organizational Behavior	3
SMG 220	Personnel Performance Management	3
SMG 222	Management and Labor Relations	3
SMG 265	Marketing Management	3
TECHNICAL SPECIALTY CREDITS		55

RELATED INSTRUCTION

BUS& 101	Introduction to Business	5
BUS 110	Business Mathematics	5
BUS 131	Integrated Communications I	5
BUS 169	Using Computers in Business	5
BUS& 201	Business Law	5
BUS 230	Business Communications	5
BUS 235	Oral Communications in Business	5
PSYC 240	Psychology of Human Relations	3
SMG 197	Internship or Cooperative Education Experience	5
	Credit range: 1-15	
	Total required internship/co-op experience	
	credits: 5	
RELATED INSTRUCTION CREDITS		20

RELATED INSTRUCTION ELECTIVES

Choose minimum of 15 credits from the following areas:

- Accounting
- Computer Science and Technology
- Economics, Trainer Education (OTE)
- College Transfer Track

RELATED INSTRUCTION ELECTIVES CREDITS	15
TOTAL PROGRAM CREDITS	90-95

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

TECHNICAL SPECIALTY COURSES

BUS& 101	Introduction to Business	5
BUS 169	Using Computers in Business	5
	<i>Following can be substituted:</i>	
CSC 100	Beginning Computers	5
BUS& 201	Business Law	5
BUS 230	Business Communications	5
BUS 235	Oral Communications in Business	5
SMG 100	Leadership and Supervision	3
SMG 103	Supervising A Diverse Workforce	3
SMG 110	Financial Management	3
SMG 120	Hiring Personnel	3
SMG 197	Internship or Cooperative Education Experience	5
	Credit range: 1-15	
	Total required internship/co-op experience	
	credits: 6-8	
SMG 210	Project Management	3
SMG 217	Organizational Behavior	3
SMG 220	Personnel Performance Management	3
SMG 222	Management and Labor Relations	3
SMG 265	Marketing Management	3
TECHNICAL SPECIALTY CREDITS		57

RELATED INSTRUCTION

ENGL& 101	English Composition I	5
MATH 102	College Algebra	5
PSYC& 100	General Psychology	5
RELATED INSTRUCTION CREDITS		15

RELATED INSTRUCTION ELECTIVES

Choose a concentration from the following:

- Accounting
- Computer Science and Technology
- Economics, Trainer Education (OTE)
- College Transfer Track

RELATED INSTRUCTION ELECTIVES CREDITS	17-20
TOTAL PROGRAM CREDITS	90-95

Web Assistant/Web Development

Technical Education Division
(206) 934-5365

This new program will specialize in underlying aspects of effective web design and development. The program prepares students to design and create websites that display appropriately on all devices and platforms. The program prepares students to integrate databases, social media, and content management systems. A student can progress from a one-year Web Assistant certificate to a two-year Web Development Associate of Applied Science Degree (A.A.S.) degree or Web Development Associate of Applied Science - T Degree (A.A.S.-T).

Web Assistant Certificate

TECHNICAL SPECIALTY COURSES

ART	210	Digital & Graphic Art - Photoshop + Illustrator	.5
CSC	100	Beginning Computers	.5
CTN	101	Introduction to Computing Technology	.5
CTN	120	Databases I	.5
CTN	121	Database II	.5
CTN	131	Introduction to Computer Programming	.5
CTN	160	Web Production I	.5
CTN	161	Web Production II	.5
CTN	165	Usability Design	.5

RELATED INSTRUCTION

ENGL	105	Applied Composition	.3
<i>Following can be substituted:</i>			
ENGL&	101	English Composition	.5
PHIL&	120	Symbolic Logic	.5
<i>Following can be substituted: Higher MATH course</i>			
-OR-			
MATH	102	Algebra	.5
PSYC	240	Psychology of Human Relations	.3
<i>Following can be substituted:</i>			
PSYC&	100	General Psychology	.5

TOTAL PROGRAM CREDITS 56-60

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

TECHNICAL SPECIALTY COURSES

ART	210	Digital & Graphic Art - Photoshop + Illustrator	.5
CSC	100	Beginning Computers	.5
CTN	101	Introduction to Computing Technology	.5
CTN	120	Databases I	.5
CTN	121	Database II	.5
CTN	131	Introduction to Computer Programming	.5
CTN	160	Web Production I	.5
CTN	161	Web Production II	.5
CTN	165	Usability Design	.5

CTN	173	Content Management Systems (CMS) Wordpress	.5
CTN	197	Computing Internship	.3
Credit range: 1-15			
Total required internship credits: 3			
CTN	202	Web Scripting	.5
CTN	203	PHP/MySQL	.5
CTN	224	Web Server Configuration and Management	.5
CTN	230	Licensing, Copyright & Law	.5
CTN	269	Capstone	.5
CTN	295	Research and Customer Service	.5

TECHNICAL SPECIALTY CREDITS 83

TECHNICAL SPECIALTY ELECTIVE

Select 5 credits from one of the following areas: (see advisor)

CSC course	.5
CTN Course	.5

TECHNICAL SPECIALTY ELECTIVE CREDITS 5

RELATED INSTRUCTION

ENGL	105	Applied Composition	.3
ENGL	106	Technical Writing	.3
PHIL&	120	Symbolic Logic	.5
PSYC	240	Psychology of Human Relations	.3

RELATED INSTRUCTION CREDITS 14

GENERAL EDUCATION ELECTIVE

Visual, Literary and Performing Arts	.5
Individual, Cultures and Societies	.5
Natural World, the	.5
Science & Mathematics	.5

GENERAL EDUCATION ELECTIVE CREDITS 5

TOTAL PROGRAM CREDITS 107

This degree incorporates the 1-year Web Assistant certificate (both are earned).

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

TECHNICAL SPECIALTY COURSES

ART	210	Digital & Graphic Art - Photoshop + Illustrator	.5
CSC	100	Beginning Computers	.5
CTN	101	Introduction to Computing Technology	.5
CTN	120	Databases I	.5
CTN	121	Database II	.5
CTN	131	Introduction to Computer Programming	.5
CTN	160	Web Production I	.5
CTN	161	Web Production II	.5
CTN	165	Usability Design	.5
CTN	173	Content Management Systems (CMS) Wordpress	.5
CTN	197	Computing Internship	.3
Credit range: 1-15; Total Required Credits: 3			

CTN	202	Web Scripting	5
CTN	203	PHP/MySQL	5
CTN	224	Web Server Configuration and Management	5
CTN	230	Licensing, Copyright & Law	5
CTN	269	Capstone	5
CTN	295	Research and Customer Service	5
TECHNICAL SPECIALTY CREDITS			83

TECHNICAL SPECIALTY ELECTIVE

Select 5 credits from one of the following: (see advisor)

CSC course	5
CTN Course	5

TECHNICAL SPECIALTY ELECTIVE CREDITS	5
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RELATED INSTRUCTION

ENGL& 101 English Composition I	5
PHIL& 120 Symbolic Logic	5

Following can be substituted: higher MATH course
-OR-

MATH 102 College Algebra	5
PSYC& 100 General Psychology	5

RELATED INSTRUCTION CREDITS	15
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GENERAL EDUCATION

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
Natural World, the	5
Science & Mathematics	5

GENERAL EDUCATION CREDITS	5
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TOTAL PROGRAM CREDITS	108
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This degree incorporates the 1-year Web Assistant certificate (both are earned).

Welding Fabrication Technology

**Technical Education
(206) 934-5394**

Metal fabrication and welding are important components of many trades and the demand for trained welders and fabricators continues to rise. Job opportunities and skill needs are diverse, including general and production welding, blueprint reading, layout, cutting and fitting, finishing and materials handling.

Training includes all aspects of welding and fabrication operations including blueprint reading, planning operation sequence, applying geometry, heat effects and metal properties, layout, positioning, fitting, welding, and material handling. Special projects are also offered for the journey-level welding fabricator desiring to update skills and certification.

Graduates are prepared for positions such as welders, fabricators, shop supervisors, estimators and shop owners in boatbuilding, automotive, machine fabrication, commercial fishing gear, piping systems, and building construction and maintenance. This program prepares students to pass welder certification tests through the Washington Association of Building Officials (WABO). Welding also offers a short-term certificate in Electronic Assembly.

Certificate

TECHNICAL SPECIALTY COURSES

HDM	171	Lift Truck Operator	2
WFT	100	Welding Theory	5
WFT	105	Print Reading and Welding Symbols	5
WFT	111	Materials and Testing	5
WFT	120	Intro to Welding Oxyacetylene/Shielded Metal Arc	6
WFT	121	SMAW Shielded Metal Arc Welding	6
WFT	124	Gas Metal Arc Welding	6
WFT	125	FCAW Flux Core Arc Welding	6
WFT	127	Gas Tungsten Arc Welding	6
WFT	128	Fabrication Carbon Arc/Plasma Arc Cutting	6

RELATED INSTRUCTION

BUS	116	Business Math/Spreadsheets	5
BUS	131	Integrated Communications I	5

Following can be substituted:

ENGL& 101	English Composition I	5	
-OR-			
ENGL	105	Applied Composition	3
-AND-			
ICT	103	Computer Applications I	2
PSYC	240	Psychology of Human Relations	3

Following can be substituted:

PSYC&100	General Psychology	5
TOTAL PROGRAM CREDITS		66-68

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

TECHNICAL SPECIALTY COURSES

HDM	171	Lift Truck Operator	2
WFT	100	Welding Theory	5
WFT	105	Print Reading and Welding Symbols	5
WFT	111	Materials and Testing	5
WFT	120	Intro to Welding Oxyacetylene/Shielded Metal Arc	6
WFT	121	SMAW Shielded Metal Arc Welding	6
WFT	124	Gas Metal Arc Welding	6
WFT	125	FCAW Flux Core Arc Welding	6
WFT	127	Gas Tungsten Arc Welding	6
WFT	128	Fabrication Carbon Arc/Plasma Arc Cutting	6

WFT 197	Industry Internship	3
WFT 220	Pipe Shielded Metal Arc (SMAW)	6
WFT 227	Advanced Fabrication I	6
WFT 228	Pipe Gas Tungsten Arc Welding (GTAW)	7
WFT 238	Advanced Fabrication II	8
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TECHNICAL SPECIALTY CREDITS		86

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
BUS 131	Integrated Communications I	5
<i>Following can be substituted:</i>		
ENGL&101	English Composition I	5
<i>-OR-</i>		
ENGL 105	Applied Composition	3
<i>-AND-</i>		
ICT 103	Computer Applications I	2
CSC 100	Beginning Computers	5
PSYC 240	Psychology of Human Relations	3

Following can be substituted:

PSYC&100	General Psychology	5
TDR 121	Drafting Technology I	4
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RELATED INSTRUCTION CREDITS		22

GENERAL EDUCATION COURSES

Visual, Literary and Performing Arts	5
<i>Following can be substituted:</i>	
Individuals, cultures and Societies	

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GENERAL EDUCATION CREDITS	5
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TOTAL PROGRAM CREDITS	113-115

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

TECHNICAL SPECIALTY COURSES

HDM 171	Lift Truck Operator	2
WFT 100	Welding Theory	5
WFT 105	Print Reading and Welding Symbols	5
WFT 111	Materials and Testing	5
WFT 120	Intro to Welding Oxyacetylene/Shielded Metal Arc	6
WFT 121	SMAW Shielded Metal Arc Welding	6
WFT 124	Gas Metal Arc Welding	6
WFT 125	FCAW Flux Core Arc Welding	6
WFT 127	Gas Tungsten Arc Welding	6
WFT 128	Fabrication Carbon Arc/Plasma Arc Cutting	6
WFT 197	Industry Internship	3
WFT 220	Pipe Shielded Metal Arc (SMAW)	6
WFT 227	Advanced Fabrication I	6
WFT 228	Pipe Gas Tungsten Arc Welding (GTAW)	7
WFT 238	Advanced Fabrication II	8
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TECHNICAL SPECIALTY CREDITS		86

RELATED INSTRUCTION

CSC 100	Beginning Computers	5
ENGL& 101	English Composition I	5
MATH 102	College Algebra	5
PSYC& 100	General Psychology	5
TDR 121	Drafting Technology I	4
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RELATED INSTRUCTION CREDITS		24

GENERAL EDUCATION COURSES

Visual, Literary and Performing Arts	5
Individual, Cultures and Societies	5
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GENERAL EDUCATION CREDITS	5
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TOTAL PROGRAM CREDITS	115

Welding – Level 1 Short-Term Certificate

**Technical Education
(206) 934-5394**

This certificate is a one quarter certificate in welding that includes courses in welding process and application, power tools, print reading, layout skills, oxy/acetylene, air carbon arc cutting, and punching and shearing. It may be used as the first quarter of a multi quarter certificate that must be taken in progression. Level I Certificate gives the successful completer an overview of the welding field and basic skills in welding and cutting. This certificate could be used to obtain an entry level job or continue with more training.

TECHNICAL SPECIALTY COURSES

WFT 100	Welding Theory	5
WFT 120	Intro to Welding Oxyacetylene/Shielded Metal Arc	6
WFT 121	SMAW Shielded Metal Arc Welding	6
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TOTAL PROGRAM CREDITS		17

Welding – Level 2 Short-Term Certificate

**Technical Education
(206) 934-5394**

This certificate lists the courses required for the second quarter of study for the Level 2 Certificate. Courses required include advanced layout, press brake operation, shielded metal arc welding, welding symbols, flame shaping, and maintenance and repair welding. Successful completion of Level I is required to enroll in Level 2 courses. Level 2 Certificate gives the successful completer a more in-depth study of general welding and fabricating principles, and will qualify students for employment in an entry level welding job or continue with more training.

TECHNICAL SPECIALTY COURSES

WFT 105	Print Reading and Welding Symbols	5
WFT 124	Gas Metal Arc Welding	6
WFT 125	FCAW Flux Core Arc Welding	6
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TOTAL PROGRAM CREDITS		17

Welding – Level 3 Short-Term Certificate

Technical Education
(206) 934-5394

This certificate lists the courses required for the third quarter of study for the Level 3 Certificate. Courses required include Gas Metal Arc Welding, Gas Tungsten Arc Welding, and Weld Inspection. Level 3 Welding Certificate gives the successful completer more advanced skills in welding and fabricating principles, and will qualify students for employment in entry level welding jobs or continue with more training.

TECHNICAL SPECIALTY COURSES

WFT	111	Materials and Testing	5
WFT	127	Gas Tungsten Arc Welding	6
WFT	128	Fabrication Carbon Arc/Plasma Arc Cutting	6
TOTAL PROGRAM CREDITS			17

Welding – Level 4 Short-Term Certificate

Technical Education
(206) 934-5394

This certificate lists the courses required for the fourth quarter of study for the Level 4 Certificate. Courses required include Welding Certification, Salvage and Reconstruction, Heat Treat, and Employee Rights and Responsibilities. Level 4 Welding Certificate gives the successful completer more advanced skills in welding and fabricating principles, and will qualify students for employment in entry level welding jobs or continue with more training.

TECHNICAL SPECIALTY COURSES

WFT	220	Pipe Shielded Metal Arc (SMAW)	6
WFT	227	Advanced Fabrication I	6
TOTAL PROGRAM CREDITS			15

Welding – Level 5 Short-Term Certificate

Technical Education
(206) 934-5394

This certificate lists the courses required for the fifth quarter of study for the Level 5 Certificate. Courses required include Estimating and Layout, Development of Welding Process, Aluminum Weldments, Material Handling, Construction of Jigs and Fixtures. Level 5 Welding Certificate gives the successful completer more advanced skills in welding and fabricating principles, and will qualify students for employment in entry level welding jobs or continue with more training.

TECHNICAL SPECIALTY COURSES

WFT	228	Pipe Gas Tungsten Arc Welding (GTAW)	7
WFT	238	Advanced Fabrication II	8
TOTAL PROGRAM CREDITS			15

Welding for Shipyard Careers - General Welding Certificate Level I Short-Term Certificate

Georgetown Campus
(206) 934-7914

The training will introduce students to welding theory, process and application understanding. Students will learn to adapt welding techniques specific to the marine industry. Focus will include Shielded Metal Arc Welding (SMAW), tack welding, SMAW-1F-flat/2F-horizontal/3F-vertical/4F-overhead, fillet weld positions, joint fit-up, back-gouging and other skills will be applied to a shipyard work environment. Other competencies include welds in vertical and overhead positions for marine operations and accomplishing welds out of doors in all weather conditions and in areas not easily accessible.

TECHNICAL SPECIALTY COURSES

WFT	100	Welding Theory.	5
WFT	120	Intro to Welding Oxyacetylene/Shielded Metal Arc	6
WFT	121	SMAW Shielded Metal Arc Welding	6
TOTAL PROGRAM CREDITS			17

Welding for Shipyard Careers - General Welding Certificate Level II Short-Term Certificate

Georgetown Campus
(206) 934-7914

The training course provides opportunities leading to direct employment at several of the largest marine companies in the state of Washington. The certificate will provide the student with the necessary skills to be qualified to the American Society Mechanical Engineers (ASME) Section IX structural steel welding code for production steel FCAW Flux Cored Arc Welding applications.

Technical Specialty Courses

MATH	110	Applied Math for Technicians	3
WFT	105	Print Reading and Welding Symbols	5
WFT	125	FCAW Flux Core Arc Welding	6
WFT	144	Shipyard Intensive Welding	6
TOTAL PROGRAM CREDITS			19

Wine Industry: Food & Wine Pairing

Culinary Arts
(206) 934-7942

The program provides introductory and professional development classes relating to the wine industry, including certificates, Associate of Arts and Associate of Arts – T degrees in these areas: Wine Making (learning to produce quality wines and develop an individual style of wine); Wine Marketing and Sales; and Food and Wine Pairing (the intricacies of bridging food and wine). The program prepares individuals for careers in the wine industry, and provides advanced skill training for those already employed in the industry. Must be 18 years or older to apply.

For more information on the wine industry program, visit the Northwest Wine Academy website at: nwwineacademy.com.

Certificate

PREREQUISITE

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101	Introduction to Enology	3
WIN 121	Introduction to Viticulture	3
WIN 123	Sensory Evaluation	3
WIN 131	Introduction to Washington Wines	3
WIN 132	Wine History and Appreciation	3
WIN 133	Introduction to Wines of the World	5
WIN 151	Introduction to Food and Wine Pairing	3
WIN 152	Advanced Food and Wine Pairing	3
WIN 153	Food and Wine Pairing - Varietals I	4
WIN 154	Food and Wine Pairing - Varietals II	4
WIN 155	Food and Wine Pairing - Varietals III.	4
WIN 156	Food and Wine Pairing - Fortified Wines	2
WIN 157	Food and Wine Pairing - Desserts	2

RELATED INSTRUCTION

ENGL& 101	English Composition I	5
<i>Following can be substituted:</i>		
ENGL 105	Applied Composition	3
-AND-		
ENGL 106	Technical Writing	3
MATH 102	College Algebra	5
<i>Following can be substituted:</i>		
BUS 116	Business Math/Spreadsheets	5
PSYC& 100	General Psychology	5
<i>Following can be substituted:</i>		
PSYC 240	Psychology of Human Relations	3

TOTAL PROGRAM CREDITS 55 -58

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

PREREQUISITE

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101	Introduction to Enology	3
WIN 121	Introduction to Viticulture	3
WIN 123	Sensory Evaluation	3
WIN 131	Introduction to Washington Wines	3
WIN 132	Wine History and Appreciation	3
WIN 133	Introduction to Wines of the World	5
WIN 151	Introduction to Food and Wine Pairing	3
WIN 152	Advanced Food and Wine Pairing	3
WIN 153	Food and Wine Pairing - Varietals I	4
WIN 154	Food and Wine Pairing - Varietals II	4
WIN 155	Food and Wine Pairing - Varietals III.	4
WIN 156	Food and Wine Pairing - Fortified Wines	2
WIN 157	Food and Wine Pairing - Desserts	2
WIN 197	Internship	3

TECHNICAL SPECIALTY CREDITS 48

REQUIRED COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I	5
<i>Following can be substituted:</i>		
ACCT& 201	Principals of Accounting I	5
BUS& 101	Introduction to Business	5
BUS& 201	Business Law	5
<i>Following can be substituted:</i>		
POLS& 200	Intro to Law	5
BUS 235	Oral Communications in Business	5
<i>Following can be substituted:</i>		
CMST& 210	Interpersonal Communication	5
-OR-		
CMST& 220	Public Speaking	5
SMG 210	Project Management	3

REQUIRED COURSES CREDITS 23

REQUIRED COURSES - ELECTIVES

Take 15 credits from the following courses:

BUS 140	Customer Relations	5
BUS 169	Using Computers in Business	5
BUS 170	Information Technology I	5
BUS 177	Spreadsheets	5
BUS 182	Information and Database Management	5
CTN 160	Web Production I	5

REQUIRED COURSES - ELECTIVES CREDITS 30

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
ENGL 105	Applied Composition	3
PSYC 240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS 11

GENERAL EDUCATION ELECTIVES

Visual, Literary and Performing Arts	10
GENERAL EDUCATION ELECTIVES CREDITS	10
TOTAL PROGRAM CREDITS	104

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

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101	Introduction to Enology	3
WIN 121	Introduction to Viticulture	3
WIN 123	Sensory Evaluation	3
WIN 131	Introduction to Washington Wines	3
WIN 132	Wine History and Appreciation	3
WIN 133	Introduction to Wines of the World	5
WIN 151	Introduction to Food and Wine Pairing	3
WIN 152	Advanced Food and Wine Pairing	3
WIN 153	Food and Wine Pairing - Varietals I	4
WIN 154	Food and Wine Pairing - Varietals II	4
WIN 155	Food and Wine Pairing - Varietals III.	4
WIN 156	Food and Wine Pairing - Fortified Wines	2
WIN 157	Food and Wine Pairing - Desserts	2
WIN 197	Internship	5
	Total Required Credits: 3	

TECHNICAL SPECIALTY CREDITS	48
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REQUIRED COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I	5
	<i>Following can be substituted:</i>	
ACCT& 201	Principals of Accounting I	5
BUS& 101	Introduction to Business	5
BUS& 201	Business Law	5
	<i>Following can be substituted:</i>	
POLS& 200	Intro to Law	5
BUS 235	Oral Communications in Business	5
	<i>Following can be substituted:</i>	
CMST& 210	Interpersonal Communication	5
	-OR-	
CMST& 220	Public Speaking	5
SMG 210	Project Management	3
REQUIRED COURSES CREDITS	23	

REQUIRED COURSES - ELECTIVES

Take 15 credits from the following courses:

BUS 140	Customer Relations	5
BUS 169	Using Computers in Business	5
BUS 170	Information Technology I	5
BUS 177	Spreadsheets	5
BUS 182	Information and Database Management	5
CTN 160	Web Production I	5

REQUIRED COURSES - ELECTIVES CREDITS	15
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RELATED INSTRUCTION

ENGL& 101	English Composition I	5
MATH 102	College Algebra	5
PSYC& 100	General Psychology	5
RELATED INSTRUCTION CREDITS	15	

GENERAL EDUCATION ELECTIVES

Visual, Literary and Performing Arts	10
GENERAL EDUCATION ELECTIVES CREDITS	10
TOTAL PROGRAM CREDITS	108

Wine Industry: Wine Making**Culinary Arts
(206) 934-7942**

The program provides introductory and professional development classes relating to the wine industry, including certificates, Associate of Arts and Associate of Arts – T degrees in these areas: Wine Making (learning to produce quality wines and develop an individual style of wine); Wine Marketing and Sales; and Food and Wine Pairing (the intricacies of bridging food and wine). The program prepares individuals for careers in the wine industry, and provides advanced skill training for those already employed in the industry. Must be 18 years or older to apply.

For more information on the wine industry program, visit the Northwest Wine Academy website at: nwwineacademy.com.

Certificate**PREREQUISITE**

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101	Introduction to Enology	3
WIN 102	Enology Laboratory Analysis	3
WIN 103	Elements of Wine Production	4
WIN 104	Elements of Wine Production II.	4
WIN 105	Elements of Wine Production III	4
WIN 107	Winery Production I	1
WIN 108	Winery Production II	1
WIN 109	Winery Production III	1
WIN 121	Introduction to Viticulture	3
WIN 122	Wine Chemistry and Microbiology.	3
WIN 123	Sensory Evaluation	3
WIN 131	Introduction to Washington Wines	3
WIN 132	Wine History and Appreciation	3
WIN 133	Introduction to Wines of the World	5
WIN 197	Internship	5

RELATED INSTRUCTION

CHEM& 121	Intro to Chemistry.	5
ENGL& 101	English Composition I	5
	<i>Following can be substituted:</i>	
ENGL 105	Applied Composition	3
	-AND-	
ENGL 106	Technical Writing	3
MATH 102	College Algebra	5
	<i>Following can be substituted:</i>	
BUS 116	Business Math/Spreadsheets	5
PSYC& 100	General Psychology.	5
	<i>Following can be substituted:</i>	
PSYC 240	Psychology of Human Relations	3
TOTAL PROGRAM CREDITS		57-60

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

PREREQUISITE

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101	Introduction to Enology	3
WIN 102	Enology Laboratory Analysis	3
WIN 103	Elements of Wine Production	4
WIN 104	Elements of Wine Production II.	4
WIN 105	Elements of Wine Production III	4
WIN 107	Winery Production I.	1
WIN 108	Winery Production II	1
WIN 109	Winery Production III	1
WIN 121	Introduction to Viticulture	3
WIN 122	Wine Chemistry and Microbiology.	3
WIN 123	Sensory Evaluation.	3
WIN 131	Introduction to Washington Wines	3
WIN 132	Wine History and Appreciation	3
WIN 133	Introduction to Wines of the World	5
WIN 197	Internship	3
TECHNICAL SPECIALTY CREDITS		46

REQUIRED COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I.	5
	<i>Following can be substituted:</i>	
ACCT& 201	Principals of Accounting I.	5
BUS& 101	Introduction to Business	5
BUS& 201	Business Law.	5
	<i>Following can be substituted:</i>	
POLS& 200	Intro to Law	5
BUS 235	Oral Communications in Business	5
	<i>Following can be substituted:</i>	
CMST& 210	Interpersonal Communication	5
	-OR-	
CMST&220	Public Speaking	5
SMG 210	Project Management.	3
REQUIRED COURSES CREDITS		23

REQUIRED COURSES - ELECTIVE

Take 15 credits from the following courses:

BUS 140	Customer Relations	5
BUS 169	Using Computers in Business	5
BUS 177	Spreadsheets	5
BUS 179	Word Processing.	5
BUS 182	Information and Database Management	5
CTN 160	Web Production I.	5

REQUIRED COURSES - ELECTIVES CREDITS	30
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RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
ENGL 105	Applied Composition	3
PSYC 240	Psychology of Human Relations	3

RELATED INSTRUCTION CREDITS	11
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GENERAL EDUCATION ELECTIVE

Visual, Literary and Performing Arts.	10
A minimum of 10 credits from two courses.	

GENERAL EDUCATION CREDITS	10
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TOTAL PROGRAM CREDITS	103
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Associate of Applied Science - T Degree (A.A.S.-T)

PREREQUISITE

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101	Introduction to Enology	3
WIN 102	Enology Laboratory Analysis	3
WIN 103	Elements of Wine Production	4
WIN 104	Elements of Wine Production II.	4
WIN 105	Elements of Wine Production III	4
WIN 107	Winery Production I.	1
WIN 108	Winery Production II	1
WIN 109	Winery Production III	1
WIN 121	Introduction to Viticulture	3
WIN 122	Wine Chemistry and Microbiology.	3
WIN 123	Sensory Evaluation.	3
WIN 131	Introduction to Washington Wines	3
WIN 132	Wine History and Appreciation	3
WIN 133	Introduction to Wines of the World	5
WIN 197	Internship	3
TECHNICAL SPECIALTY CREDITS		50.5

REQUIRED COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I.	5
	<i>Following can be substituted:</i>	
ACCT& 201	Principals of Accounting I	5
BUS& 101	Introduction to Business	5
BUS& 201	Business Law.	5
	<i>Following can be substituted:</i>	
POLS& 200	Intro to Law	5

BUS 235 Oral Communications in Business5

Following can be substituted:

CMST&210 Interpersonal Communication5

-OR-

CMST&220 Public Speaking5

SMG 210 Project Management3

REQUIRED COURSES - ELECTIVES

Take 15 credits from the following courses:

BUS 140 Customer Relations5

BUS 169 Using Computers in Business5

BUS 177 Spreadsheets5

BUS 179 Word Processing5

BUS 182 Information and Database Management5

CTN 160 Web Production I5

REQUIRED COURSES - ELECTIVES CREDITS 30

RELATED INSTRUCTION

ENGL& 101 English Composition I5

MATH 102 College Algebra5

PSYC& 100 General Psychology5

RELATED INSTRUCTION CREDITS 15

GENERAL EDUCATION ELECTIVES

Visual, Literary and Performing Arts10

A minimum of 10 credits from two courses.

GENERAL EDUCATION CREDITS 10

TOTAL PROGRAM CREDITS 107

Wine Industry: Wine Marketing and Sales

Culinary Arts (206) 934-7942

The program provides introductory and professional development classes relating to the wine industry, including certificates, Associate of Arts and Associate of Arts – T degrees in these areas: Wine Making (learning to produce quality wines and develop an individual style of wine); Wine Marketing and Sales; and Food and Wine Pairing (the intricacies of bridging food and wine). The program prepares individuals for careers in the wine industry, and provides advanced skill training for those already employed in the industry. Must be 18 years or older to apply.

For more information on the wine industry program, visit the Northwest Wine Academy website at: nwwineacademy.com.

Certificate

PROGRAM PREREQUISITE

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101 Introduction to Enology3

WIN 121 Introduction to Viticulture3

WIN 123 Sensory Evaluation3

WIN 131 Introduction to Washington Wines3

WIN 132 Wine History and Appreciation3

WIN 133 Introduction to Wines of the World5

WIN 141 Wine Marketing and Sales3

WIN 151 Introduction to Food and Wine Pairing3

RELATED INSTRUCTION

BUS& 101 Introduction to Business5

CMST& 101 Introduction to Communication5

ENGL& 101 English Composition I5

Following can be substituted:

ENGL 105 Applied Composition3

-AND-

ENGL 106 Technical Writing3

MATH 102 College Algebra5

Following can be substituted:

BUS 116 Business Math/Spreadsheets5

PSYC& 100 General Psychology5

Following can be substituted:

PSYC 240 Psychology of Human Relations3

TOTAL PROGRAM CREDITS 49-52

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

PROGRAM PREREQUISITE

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101 Introduction to Enology3

WIN 121 Introduction to Viticulture3

WIN 123 Sensory Evaluation3

WIN 131 Introduction to Washington Wines3

WIN 132 Wine History and Appreciation3

WIN 133 Introduction to Wines of the World5

WIN 141 Wine Marketing and Sales3

WIN 142 Wine Business3

WIN 151 Introduction to Food and Wine Pairing3

WIN 197 Internship5

Total Required Credits: 3

TECHNICAL SPECIALTY CREDITS 32

REQUIRED COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I	5
<i>Following can be substituted:</i>		
ACCT& 201	Principals of Accounting I	5
BUS& 101	Introduction to Business	5
BUS& 201	Business Law	5
<i>Following can be substituted:</i>		
POLS& 200	Intro to Law	5
BUS 235	Oral Communications in Business	5
<i>Following can be substituted:</i>		
CMST& 210	Interpersonal Communication	5
-OR-		
CMST& 220	Public Speaking	5
SMG 210	Project Management	3
REQUIRED COURSES CREDITS		23

REQUIRED COURSES - ELECTIVES

Take 15 credits from the following courses:

BUS 140	Customer Relations	5
BUS 169	Using Computers in Business	5
BUS 170	Information Technology I	5
BUS 177	Spreadsheets	5
BUS 182	Information and Database Management	5
CTN 160	Web Production I	5
REQUIRED COURSES CREDITS		30

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
ENGL 105	Applied Composition	3
PSYC 240	Psychology of Human Relations	3
RELATED INSTRUCTION CREDITS		11

GENERAL EDUCATION ELECTIVES

Visual, Literary and Performing Arts		10
A minimum of 10 credits from two courses.		
GENERAL EDUCATION CREDITS		10
TOTAL PROGRAM CREDITS		91

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

PROGRAM PREREQUISITE

Must be 21 years or older to apply.

TECHNICAL SPECIALTY COURSES

WIN 101	Introduction to Enology	3
WIN 121	Introduction to Viticulture	3
WIN 123	Sensory Evaluation	3
WIN 131	Introduction to Washington Wines	3
WIN 132	Wine History and Appreciation	3
WIN 133	Introduction to Wines of the World	5
WIN 141	Wine Marketing and Sales	3
WIN 142	Wine Business	3
WIN 151	Introduction to Food and Wine Pairing	3
WIN 197	Internship	3
TECHNICAL SPECIALTY CREDITS		32

REQUIRED COURSES

ACCT 110	Introduction to Accounting/Bookkeeping I	5
<i>Following can be substituted:</i>		
ACCT& 201	Principals of Accounting I	5
BUS& 101	Introduction to Business	5
BUS& 201	Business Law	5
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SMG 210	Project Management	3
REQUIRED COURSES CREDITS		23

REQUIRED COURSES - ELECTIVES

Take 15 credits from the following courses:

BUS 140	Customer Relations	5
BUS 169	Using Computers in Business	5
BUS 170	Information Technology I	5
BUS 177	Spreadsheets	5
BUS 182	Information and Database Management	5
CTN 160	Web Production I	5
REQUIRED COURSES - ELECTIVES CREDITS		30

RELATED INSTRUCTION

ENGL& 101	English Composition I	5
MATH 102	College Algebra	5
PSYC& 100	General Psychology	5
RELATED INSTRUCTION CREDITS		15

GENERAL EDUCATION ELECTIVES

Visual, Literary and Performing Arts		10
A minimum of 10 credits from two courses.		
GENERAL EDUCATION CREDITS		10
TOTAL PROGRAM CREDITS		95