



South

Seattle Community College



Welcome

We have a place for you at South Seattle Community College. Whether you come to our main campus in West Seattle, take one of our online courses,

or visit one of our satellite campuses, South has a wide variety of educational opportunities to meet your interests and needs.

Our main campus is located on 87 wooded acres in a residential West Seattle neighborhood, overlooking downtown Seattle and Elliott Bay. Real-world experience is emphasized through team-learning projects and portfolio development, or internships and classes with retail customer contact. South is one of the most culturally diverse colleges in the state, a strength we celebrate with our annual Rainbow Festival. The six-acre college Arboretum is adjacent to the site of the developing Seattle Chinese Garden. Our Northwest Wine Academy features the only operating winery at a two-year college in western Washington, and our University Center offers classes toward a B.A. degree from four-year partner institutions.

At South we help people enrich, even transform, their lives through educational opportunities close to home. We hope you will visit us in person or on our website: www.southseattle.edu. It is never too late to get started.

Jill A. Wakefield

President, South Seattle Community College



GETTING STARTED at South

Admissions	(206) 764-7943
Financial Aid	(206) 764-5317
Registration	(206) 764-7938
TDD	(206) 764-5845

MISSION

South Seattle Community 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 serving the diverse needs of students in our communities by providing:

- College transfer programs and professional/technical programs which prepare students to succeed in their careers and further their education
- Responsive workforce education training 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.



FACTS at a Glance*

Annual attendance 2004-2005 16,508

FALL 2005 PROFILES

Students**

Median age	31.1
Ethnic diversity	41%
Male / female	61% / 39%
With bachelor or higher degrees	13%
Employed	66%
full time	47%
With dependents	35%
single parents	10%
Full-time / part-time attendance	29% / 71%

Programs

College Transfer	22%
Workforce Education	54%
Basic Skills	12%
Continuing Education & Other	12%

Courses

State-funded	88%
Contract-supported	6%
Student-supported	6%

Special Enrollments

Distance Learning	1,872
Running Start	332
International Contract	148
Worker Retraining	499

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

Specialized TRAINING CENTERS

Duwamish Apprenticeship & Education Center 6770 East Marginal Way South (206) 764-5350

The South Seattle Community College Duwamish Apprenticeship and Education Center serves the business and industrial community by providing programs in the building construction trades, manufacturing and transportation through apprentice-related training. It is also the home of Puget Sound Industrial Excellence Center, and the Washington State Safety Institute.

NewHolly Learning Center (206) 768-6642

NewHolly, formerly Holly Park, is a community whose mission is to foster the success of youth, adults and families. In implementing this mission, South Seattle Community 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 Community College offers Adult Basic Education (ABE), English as a Second Language (ESL), and General Education Development (GED), and a Corrections Training program at NewHolly.

Academic & Student SUPPORT SERVICES

ADVISING

Counseling and Advising Center

(206) 764-5387

Counselors are available to provide a comprehensive assessment of each student's interests, abilities, values, life experiences, and past educational and work experiences. They also provide career counseling and assist students in establishing their educational plans.

Both counselors and advisors interpret entry assessment scores, provide an overview of certificate and degree programs, help students select quarterly course schedules, and assist students with transfer to four-year colleges and universities.

CAREER DEVELOPMENT Services

WorkSource Affiliate

(206) 764-5304

This comprehensive center offers a full spectrum of services to students. Experienced career professionals assist undecided students with career decision-making, teaching them to use a wide variety of resources. Multiple computer stations are equipped with computerized career exploration systems, state-of-the-art software, and Internet capacity to research companies and search for jobs online. Vocational testing is available online for a fee. Students may schedule an appointment with Career Center staff for assistance in preparing scannable and traditional resumes. New jobs are listed daily from a wide variety of employers.

College TRANSFER

See Transfer by Major, page 126.

COMPUTERS

See Library, Media Center IRC and Information Technology.

DISABILITY SUPPORT

Educational Support Services

(206) 763-5137

Students with special needs are encouraged to contact this office prior to registration to help determine what accommodations are needed and available. All inquiries

are confidential. Students are expected to take an active role in talking with faculty and staff members about their disability, adaptation and accommodation needs.

Support services may include advocacy, referrals, counseling, interpreters, note takers, readers, special parking, testing accommodations, support groups, tutors, scribes and special equipment.

Arrangements can be made for special equipment such as talking calculators, talking dictionaries, large screen monitors, voice recognition systems, screen readers and optical character recognition scanners, adjustable chairs and desks, tape recorders, TTYs and other adaptive technological aids.

Requests for services must be made in a timely fashion: 4 weeks for interpreters and 6 weeks for Braille or books on tape. Students must be registered for the classes in which they are receiving services. Send email or faxed requests to (206) 764-6649 or drop off a copy of enrollment during office hours.

DISTANCE Learning

See page 129 for Distance Learning at South and page 16 for detailed information on district-wide options.

FINANCIAL AID

See page 27 for information about Financial Aid.

INFORMATION TECHNOLOGY Services

(206) 764-5844

The college offers computer instruction on Windows-based computer equipment in 11 computer laboratories. Two labs are open to any student who pays the computer lab fee.

A quarterly lab fee is charged at registration and students' photo identification cards are scanned for lab access.

INTERNATIONAL Programs

(206) 764-5360 • email: ip@sccd.ctc.edu
www.southseattleinternational.com

This office processes applications for international students and assists them after admission with immigration regulations. This includes providing students information about academic programs, and programs promoting intercultural communication and an enhanced experience of the American culture.

LIBRARY

(206) 764-5395

The South Seattle Community College Library and Learning Center features an Information Commons with 100 computer stations, providing for the integration of learning support services and allowing the college to respond to the ever-increasing importance of computers in the teaching and learning process.

The library offers a wide range of resource materials and services to students and the community. Librarians are available to help students take full advantage of the college's computer databases and find books, reference guides, periodicals and videotapes.

South's library is part of a district and regional inter-library loan network, which enables students to gain access to other libraries within the Seattle Community College system, as well as from the entire Pacific Northwest.

MEDIA CENTER, IRC

(206) 764-5384

The Instructional Resource and Media Center (IRC), located in the campus library, provides equipment and materials to enhance students' learning experience. These include audio and videotapes, video cameras and monitors, closed-circuit television, satellite teleconferencing and cable programs.

MULTICULTURAL

Office of Diversity & Retention

(206) 768-6455

This office is committed to providing multicultural programs to recruit and retain students of color, women, and those with disabilities or special needs. The Office of Diversity and Retention also advocates diversity awareness and cultural sensitivity by providing opportunities for members of the South Seattle college community (students, faculty, administrators, and staff) to learn about different cultures around the world. Events include Ethnic History Month and cultural holiday celebrations, craft and cooking demonstrations, speak-out forums, leadership development opportunities, support circles and diversity workshops.

SENIOR Programs

Senior Adult Education

(206) 764-5339 (Continuing Education)

To meet the growing demand for lifelong learning opportunities, South Seattle Community 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. Special programs, workshops and events are regularly scheduled.

Classes are normally held during daytime hours, on campus or in senior centers or retirement centers. Generally, there are no long assignments, examinations or letter grades.

Reduced tuition is available for five- to ten-week courses. Registration is by mail or on-campus.

Senior Tuition Waiver

In addition to the Senior Adult Education programs, persons over 60 may enroll in college transfer courses for audit (no homework, exams, or credit). Under this tuition waiver, seniors may attend up to two classes for a small fee. Eligible classes include the humanities, natural and social sciences and some vocational programs. See the quarterly schedule for details. Registration under the waiver is on a space-available basis with instructor approval, after the first week of the quarter. As this special waiver is available for audit only, a student enrolled under the option will not receive an official grade or transcript.

STUDENT SUCCESS Services

(206) 764-5326

Student Success encourages student retention by providing students with resources that help them to progress in college, graduate, and transfer to four-year universities. Key features are: 1) educating students about how the college system works and how to improve their academic performance and problem-solving skills; 2) creating a welcoming environment where students feel a sense of belonging in the college setting; and 3) 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), college orientation courses, transfer and scholarship assistance, and information regarding cultural events and resource referrals.

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 and until they graduate or transfer.

TESTING

Student Assessment and Testing Services

(206) 764-5349

The Assessment and Testing Services Office offers the following tests on an ongoing basis: GED, Distance Learning, and college placement testing in ESL-COMPASS and COMPASS. The Student Assessment Office is located in the Robert Smith Building, Room 76. Call the appointment number for test information or visit www.southseattle.edu/resources/sasrequest.htm.

TRANSFER BY MAJOR

(206) 764-5387

The Transfer by Major program is designed to help students connect with a university of their choice in the state of Washington. Students participating in the program receive important information regarding both their major and the admission guidelines of the university. The program is voluntary and intended as a guide in the transfer program.

TUTORING Services

Tutoring Center

(206) 763-5137

The Tutoring Center offers a variety of services. Students may arrange for individual or small group assistance with courses in which they are having difficulty. Students should contact the Tutoring Center for more information.

MAST: The Math and Science Tutoring Center

(206) 763-5137

Drop-in help is available for all levels of math and science to students who come to the Robert Smith Building, Room RS 18. An instructor and peer tutors are available to help students solve problems and improve their math skills. Students can earn credit while working in MAST.

Writing Center

(206) 763-5137

The Writing Center 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. The Writing Center is located on the second floor of the library, LIB 205.

VETERANS Affairs

(206) 764-5811

This office provides services and referrals for veterans.

See page 28 for financial assistance information.

WOMEN'S Programs

(206) 768-6801

The Women's Programs at South are located in the Student Life Office, Room 128 in the Jerry Brockey Center. Women's Programs provide services such as tuition assistance, referrals, community resource information on health care and childcare, and support groups. Visit www.womensprograms.southseattle.edu/.

Worker RETRAINING

See page 131 for South's program and page 24 for district-wide information.

WORKFIRST PROGRAMS

(206) 768-6623

WorkFirst offers short-term job training in technical education programs such as healthcare, transportation, information technology and manufacturing technology. Temporary Assistance to Needy Families/TANF recipients receive tuition assistance for job skills training.

Also see Career Development/WorkSource Affiliate.



ART Gallery

(206) 764-5337

The Art Gallery at South is located in the Jerry Brockey Student Center. Exhibiting and interpreting the creative expressions of contemporary regional artists and exploring our cultural heritage and history are central to the purposes of the Art Gallery. The Gallery is open during academic quarters.

Hours: M-F, 10:00 a.m. - 3 p.m.
W & Th Evenings, 4 - 7 p.m.

BOOKSTORE

(206) 764-5338

The Bookstore is well-stocked with new and used textbooks, general interest books, school supplies, school spirit items, food, beverages, gifts and greeting cards. Textbooks and other supplies may be purchased online and picked up in the store or shipped directly. The Bookstore buys back books daily; the best time to sell back books is the last week of each school quarter.

CHILDCARE Center

(206) 764-5348

The Childcare Center is state-certified and has provided quality care for children of South Seattle Community College students, employees and the community since 1976. The program offers a convenient on-campus location with a family-oriented atmosphere, parent education opportunities, flexible scheduling, and a curriculum that stimulates and challenges children while providing them with an opportunity to gain socialization skills. Teachers are trained in early childhood education. Contact the Center for information on enrollment, fees, and hours.

COPY Center

(206) 768-6662

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

FITNESS Center

See Recreation, next page.

FOOD Services

(206) 764-5344

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

In addition, Culinary Arts and Baking and Pastry program 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, coffee, espresso and more, prepared by students during the instructional quarter.

HOUSING

(206) 764-5332

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. Call if you need housing, or if you have a room or apartment available for rent to students.

RECREATION & Intramurals

(206) 768-6670

South Seattle Community College offers a variety of recreation programs throughout the academic year, including excursions to Sonics games, hiking and kayaking. Students also have the opportunity to join team sports on a club level, such as ping-pong and basketball.

For a list of activities, contact the recreation coordinator or visit the Student Life Office in the Brockey Student Center, room 135.

Fitness Center

(206) 768-6471

The Fitness Center provides the campus community with an opportunity to promote a healthy lifestyle at this weightlifting and training facility. Running machines, stair steppers, weight machines and free weights are available, as well as lockers and showers. Student ID is required.

SAFETY

(206) 763-5157

The well-being and safety of students are of utmost importance. It is vital that students follow strict safety procedures recommended in technical-vocational classes. In the event of an on-campus accident or injury, the accident should be reported to the Security Office so the injury can be addressed and an accident report completed. Students should immediately call 9-911 for serious injuries. Instructors must be notified if the accident occurs during class.

For further information on personal safety, see page 38.

Student ATHLETICS

(206) 527-3745 (Men's)

(206) 527-3773 (Women's)

The intercollegiate men's and women's basketball teams, the Seattle Community Colleges Storm, are based at North's Wellness Center. These teams compete in the 33-member Northwest Athletic Association of Community Colleges conference. Students from all three Seattle Community Colleges are eligible to try out for the teams. Athletic scholarships are available to qualified students. Visit www.northseattle.edu/services/athletics.

Student CLUBS

(206) 764-5330

By getting involved in clubs, students participate in team-building exercises 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 activities coordinator or visit the Student Life Office located in the Jerry M. Brockey Student Center, room 135.

Student GOVERNMENT

(206) 768-6751

The United Student Association (USA) is the official governing body for student programs and activities at South. Student officers are elected each spring to represent student interests and to allocate the funds in the services and activities fees budget. The USA meets weekly in the Jerry M. Brockey Student Center, room 128. For more information, contact the USA president or vice president. Office Mailboxes are located in the Student Life Office, room 131.

Student INSURANCE

For information on Student Health Insurance, contact the Cashier's Office at (206) 764-5387.

See page 32 for information on Student Accident Insurance.

STUDENT LIFE Office

(206) 768-5332

The Office of Student Life oversees several areas in order to support and assist students in making their experience at South Seattle a successful one: New Student Orientation; Concerns & Complaints; Lost & Found; Fitness Center; The Sentinel (Student Newspaper); Sports & Recreation; Student Clubs; United Student Association (USA); Student Anthology; and Student Development Transcript. The Student Life Office is located in the Jerry Brockey Student Center, Room 135. Visit www.studentlife.southseattle.edu.

TRANSPORTATION & PARKING

Metro Bus Service

(206) 553-3000

Due to space limitations and environmental concerns, carpooling and bus transportation are strongly encouraged. Students registered for 10 or more credits are eligible for two types of discounts: the Metro "Go Pass" and, for students using Community Transit or the State Ferry system, a quarterly subsidy. For subsidies, students should contact the campus Transportation Coordinator. Discount student bus passes may be purchased at the Cashier's Office.

Parking Services

(206) 763-5157

Student permits may be purchased during registration on a first-come, first-served basis. State motor vehicle laws and city traffic codes are strictly enforced. The campus speed limit is 15 m.p.h. Parking fees are determined by District policy. Parking can be paid for on a daily basis without a quarterly permit. Student single occupant parking permits are purchased at the Cashier's Office; evening purchases can be made during the second week of the quarter, in the Bookstore. Daily permits are purchased at dispenser machines located at the North Gatehouse, South Parking Lot, or the Visitors Parking Lot in front of the Robert Smith Building. Carpooling is strongly encouraged; carpool applications are available from the Transportation Coordinator in room 60 in the Robert Smith Building. Many incentives are available, including fuel reimbursement, and discounted passes for parking and buses.

AFFILIATE Organizations

South Seattle Community College Foundation

(206) 764-5809

The South Seattle Community 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 \$5 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 two times each year. Interested students should contact the Development Office for an application and for more information.

9 Educational Directions

- 1 Academics **College Transfer**
- 2 **Adult Basic Education** ESL
- 3 Careers **Professional/Technical**
- 4 **Continuing** Education
- 5 **Distance** Learning
- 6 **High School** Programs **GED**
- 7 **International** Programs
- 8 **Worker** Retraining
- 9 Duwamish **Apprenticeship & Education Center**

Definition and Rationale OF GENERAL EDUCATION

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 Community 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.
- Identify, interpret and utilize higher level mathematical and cognitive skills (for those students who choose to move beyond the minimum requirements as stated above).

HUMAN RELATIONS

- Use social interactive skills to work in groups effectively.
- Recognize the diversity of cultural influences and values.

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

- Be motivated and able to continue learning and adapt to change.
- Value one's own skills, abilities, ideas and art.
- Take pride in one's work.
- Manage personal health and safety.
- Be aware of civic and environmental issues.

INFORMATION LITERACY

- Access and evaluate information from a variety of sources and contexts, including technology.
- Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society.

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 life-long learning.
- An ability to use modern scientific and engineering techniques, skills, and technology necessary for scientific and engineering practice.

1 | ACADEMICS

College Transfer at South

ACADEMIC PROGRAMS

(206) 768-6600

South Seattle Community College offers college transfer courses that apply toward a four-year program of study. Students are encouraged to attain their Associate of Arts (Direct Transfer Agreement/DTA), or Associate of Science transfer degree at South in order to ease transfer to a four-year institution, but students can also take individual classes for transfer. It is recommended that students confer with an academic advisor to ensure course transferability.

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 successfully complete a degree program. College preparatory courses are not credited to transfer degrees.

College transfer courses at South Seattle Community College are offered in several disciplines, including the following:

- Anthropology
- Art
- Chemistry
- Communications
- Computer Science/Mathematics
- Drama
- Earth Science
- Economics
- Engineering
- English
- Environmental Science
- General/Biological Science
- Geography
- Global Studies
- History
- Human Biology
- Humanities
- Individuals & Societies
- Journalism
- Language & Speech
- Language of Science (The)
- Languages & Literature
- Literature/History of Ideas
- Living World (The)
- Music
- Natural World (The)
- Philosophy
- Physical Science
- Physical World (The)
- Political Science
- Psychology
- Science, Technology & the Environment
- Social Science
- United States Cultures
- Visual, Literary & Performing Arts

See page 8-10 for college transfer course requirements for A.A. or A.S. degree.

ASSOCIATE OF SCIENCE DEGREE (A.S.) Transfer Pre-major Program

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
- Medicine
- Pharmacy
- Physics

Basic Requirements 20
Select from ENG 101; MAT 124; MAT 125; MAT 126 or MAT 240, CSC 142 (depending on pre-major area).

Areas of Knowledge 15
Courses taken must have at least three different prefixes and must be from both areas: Visual, Literary, and Performing Arts and Individuals, Cultures, and Societies.

Major Areas of Study 31-58

90 credits are required for the degree. 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.

Associate of Arts (A.A.) EMPHASIS IN ASIAN STUDIES

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.

B.A. AND B.S. OPPORTUNITIES

THE UNIVERSITY CENTER AT SOUTH

Opening in Fall 2006, the University Center will offer several ways for students and community members to complete a four-year degree at South. Choose from the following options as outlined on the website:

http://southdev.sccd.ctc.edu/programs/university/university_center.htm.

EASTERN WASHINGTON UNIVERSITY**(206) 768-6619****Bachelor of Science in Technology: Applied Technology**

Eastern (EWU) offers a Bachelor of Science in Technology: Applied Technology at the college. To participate, students must first obtain, or be near completion of an Associate of Applied Science in any of the following programs: Software Engineering, Web Design and Development, Computer Applications/Help Desk, Network Administration or Business Information Technology (BIT). Three of the four years will be at South, paying South's tuition rates; the fourth year will also be at South, but paying EWU's tuition rates.

HERITAGE UNIVERSITY**(206) 768-6600****Bachelor of Arts in Education with a Residency Certificate and Endorsements in K-8 and English as a Second Language**

Open to those with A.A. or B.A. degrees. Freshmen entering South can be dual-enrolled with Heritage for the B.A. degree.

UNIVERSITY OF PHOENIX**(206) 268-5882****Bachelor of Science in Business (Management, Administration or Accounting)**

Students with an A.A. degree can complete a B.S. degree in Business.

2 | ADULT BASIC EDUCATION ESL

OFFICE OF GENERAL STUDIES**(206) 764-5363**

Basic Studies programs provide instruction for those who want to improve basic verbal and math skills or earn a high school diploma in order to get better jobs, continue their education, and improve their lives. Each of the programs in this area is designed to meet a particular set of student needs.

PRE-COLLEGE COURSES

See page 11 for information.

ADULT BASIC EDUCATION

Adult Basic Education classes, covering math, reading, writing, and communication skills, are offered each quarter at no cost. Students may start through the third week of the quarter on a space-available basis.

Call the department for fee information on these classes. See course descriptions under Adult Basic Education (ABE) for details.

ENGLISH AS A SECOND LANGUAGE (ESL)

English as a Second Language (ESL) classes help non-English-speaking people understand, speak, read, and write English in order to carry out daily personal activities, get or keep a job, advance in the workplace or prepare for transition to credit-bearing educational programs.

Non-credit ESL

Non-credit ESL classes (pre-literate to intermediate levels) emphasize improving listening comprehension, pronunciation, vocabulary development, English structure in oral expression, and development of reading and writing skills. (See course descriptions under English as a Second Language for details). Student enrollment depends on eligibility and space availability. Students are placed in class based on their CASAS Test results. Call the department for fee information.

DEVELOPMENTAL ESL

Pre-college level courses require payment of regular tuition. These courses are designed for students preparing for vocational or academic study at U.S. colleges. These classes help non-native speakers develop better speaking, reading, and writing skills needed for college-level study. Beginning with grammar and vocabulary skills, students advance to note-taking, composition, oral presentation and class discussion skills. ESL skills labs provide additional practice in pronunciation, listening, and daily conversation outside of the classroom. Computer-based programming, reading, writing, grammar and vocabulary development are also available.

FAMILY LITERACY

Family Literacy classes combine ESL or Basic Skills with Parent Education.

3 | CAREERS

Professional-Technical Programs

See page 133-156 for this list of programs.

4 | CONTINUING

Education

COMMUNITY LIFELONG LEARNING CLASSES

(Non-credit and non-graded classes)

(206) 764-5339

Lifelong learning classes are non-credit courses that focus on personal enrichment. An array of short-term courses are offered in such fields as languages and culture, gardening and floral design, food and wine, health and wellness, career planning, business basics, family and financial planning and computer applications (see section on Information Technology/Computer Applications). New classes, including online classes, are developed throughout the year. Register at www.LearnatSouth.org.

COMPUTER APPLICATIONS / INFORMATION TECHNOLOGY

(206) 764-5339

A variety of non-credit IT and computer application courses (both online and in class) are offered throughout the year including MCSE, A+, Net+, MCSA, Cisco, Word, Excel, PowerPoint, Flash, Photoshop and more. For a complete listing see www.LearnatSouth.org.

CORPORATE TRAINING CONNECTION

Contract Training

(206) 768-6787

The Corporate Training Connection, the contract training division for South Seattle Community College, offers business and industry a full range of management and employee training and development services. These include: assessing training needs and customizing training and/or program development. South Seattle Community College business training partners receive quality programming that meets their identified needs, convenient training either on-site or at the campus, competitive pricing, and quality instruction with skilled professionals. For more information, visit the website at www.trainingmatrix.com.

FINANCIAL PLANNING

Affiliate of the College for Financial Planning

(206) 764-6782

As an affiliate of the College for Financial Planning, South Seattle Community 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 examination for financial planners. Content areas include financial planning and insurance, investment planning, income tax planning, retirement planning, employee benefits and estate planning. Visit www.LearnatSouth.org.

SENIOR ADULT EDUCATION

(206) 768-6895

To meet the growing demand for lifelong learning opportunities, South Seattle Community 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. Special programs, workshops and events are regularly scheduled.

Classes are normally held during daytime hours, on campus and in senior centers and retirement centers. Generally, there are no long assignments, examinations or letter grades.

Reduced tuition is available for five- to ten-week courses. Registration is by mail or on-campus.

Senior Tuition Waiver

In addition to the Senior Adult Education programs, persons over 60 may enroll in college courses.

See page 33 for further information.

5 | DISTANCE Learning

(206) 764-7930

Distance learning offers an opportunity for students to enroll and complete South Seattle Community 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 earn college credit for the A.A. degree program. Currently, students in South's distance learning program can choose from online courses, telecourses and interactive television.

Distance learning students use videos, textbooks, study guides, computers, the Internet, and have individual contact with instructors to complete their coursework and earn college credits. Distance learning classes meet fewer times than traditional courses and students take responsibility for their own education by working and learning at home. Students register for distance learning courses just as for other credit classes. Visit <http://online.southseattle.edu/distance>.

See page 16 for more details on distance learning.

6 | HIGH SCHOOL— COLLEGE GED

HIGH SCHOOL – COLLEGE PROGRAMS

Running Start

(206) 764-5805

Running Start is a program for high school juniors and seniors who qualify for college-level work through college placement testing. This program provides tuition-free college-level credit courses that may count toward both high school requirements and college credit at the same time. Many students have completed their high school diploma requirements and a two-year college degree simultaneously through this program. Running Start students pay no tuition.

See page 19 for more information.

TechPrep

(206) 764-5387

Students earn college credit while in high school and start their careers in fields such as automotive technology, business information technology, culinary arts, drafting and computer-aided design, and many others. High school courses counted as college credit allow students to earn an Associate of Applied Science or industry-specific certificate faster. TechPrep is tuition-free.

See page 19 for more information.

Educational Talent Search

(206) 768-6474

This program serves 600 students from middle and high schools in south and west Seattle. Students explore their options for colleges, universities, training programs and future careers. The program provides academic support, test preparation assistance, personal counseling, academic advising, and cultural activities. ETS provides students with opportunities to visit colleges and offers assistance in applying for college, financial aid and scholarships.

Upward Bound**(206) 764-6676**

This program serves 50 high school students from disadvantaged backgrounds at Evergreen High School and Tyee High School, providing personalized instruction in basic academic skills, science, foreign language, and other arts and academic disciplines; personal counseling, academic advising; social and cultural activities; and assistance in applying to colleges and applying for financial aid and scholarships. Students also spend six weeks on the South Seattle Community College campus during the summer for intensive academic and college preparatory program activities.

See page 20 for more information.

Career Link Academy**(206) 760-2286 x3022**

Located on the main campus, the Career Link Academy provides full-time vocational training for youth 16 to 21. Participants work on their academics related to vocational training and transition to college technical programs, or become employable. Support for GED completion and high school completion is provided, as well as open entry/open exit enrollment. The program features career and education exploration, applied academics, short-term technical skills classes, work-based learning, access to college technical programs and advising/support services.

See page 19 for more information.

PRE-COLLEGE COURSES**(206) 768-6600**

Many students entering college or returning after some time away from studies need additional work to prepare for college-level courses. For these students, the Seattle Community Colleges offer a series of courses in English, mathematics and human development. Placement in one or more of these courses is determined by performance on entrance tests required for admission to specific college programs. Courses in this category are those numbered below 100. They are described in the course description sections for English, Mathematics, and Human Development.

SAT PREPARATION COURSES**(206) 768-6600**

South helps students prepare for the SAT (Scholastic Aptitude Test) college entrance exam by offering math and verbal SAT prep courses most quarters. The courses, held on Saturdays, 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 earn college credit. Students who participate in Washington's high school college credit program, Running Start, can take the courses at no cost.

GED PREPARATION**General Educational Development Preparation****(206) 764-5363**

GED preparation is an opportunity for adults who have not graduated from high school to earn a certificate that is equivalent of a high school diploma. Students may demonstrate that they have reached an education level equal to a high school diploma by taking the five GED tests. To prepare for these tests, the Seattle Community Colleges offer courses (GED prefix courses) which cover the subjects on which students will be tested, such as reading, writing, mathematics, science and social studies. These courses stress math for practical problem-solving, English usage, reading comprehension, and test-taking skills. Call the department for fee information.

HIGH SCHOOL COMPLETION**(206) 764-5805**

High School Completion offers students who have not completed work for a high school diploma the opportunity to earn the diploma through one of two options. Students planning to work toward a high school diploma should obtain a copy of "Requirements for the High School Diploma" from a counselor or advisor for complete information. Prerequisite: Qualifying score on the COMPASS examination.

See page 20 for detailed information on High School Completion.

7 | INTERNATIONAL Programs

INTENSIVE ENGLISH PROGRAM

(206) 764-5360

The English as a Second Language/College Bridge Program (ESL/College Bridge) is designed by the college for international students and visitors. ESL/College Bridge helps prepare non-native speakers of English to enter American colleges and universities, and provides customized short-term English classes for short-term international visitors, summer students and business/technical professionals.

Students are placed into courses according to their English proficiency. Classes develop skills in speaking, listening, reading, basic writing, study skills, note-taking, academic paper writing, as well as vocabulary and idioms. In some classes, international students will be co-enrolled with students born in the United States. A multimedia center is available to students for language learning project work and for additional language skills practice. Upper division students are concurrently enrolled in select college transfer courses. Successful completion of the ESL/College Bridge program enables students to enter one of the college's academic or technical programs without a TOEFL requirement or further placement testing.

See page 22 for more information on International Programs.

TRAVEL / STUDY ABROAD

(206) 587-3806

See page 23 for information on district-wide Travel /Study Abroad Courses.

8 | WORKER RETRAINING Program

(206) 768-6623

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 turndown, should attend a worker retraining orientation session. Worker Retraining helps recipients to gain new skills in order to return to the workforce in competitive wage jobs. Services may include:

- career advising/counseling
- interest assessment
- résumé assessment
- educational planning
- 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.

See page 24 for additional information on the Worker Retraining Program.

9 | DUWAMISH APPRENTICESHIP & Education Center

6770 East Marginal Way South
(206) 764-5350

The South Seattle Community College Duwamish Apprenticeship and Education Center serves the business and industrial community by providing programs in the building construction trades, manufacturing and transportation through apprentice-related training, flagging certification and industrial first aid. Students may receive an Associate of Applied Science Degree in Multi-Occupational Trades by completing an apprenticeship and fulfilling basic core degree courses.

APPRENTICE TRAINING

More than 4,000 apprentices from over 20 different trades attend classes weekdays, evenings and Saturdays at the South Seattle Community College Duwamish Apprenticeship and Education Center. They acquire skills and knowledge while satisfying the requirements of various apprenticeship programs leading to journey-level status. The apprenticeship programs usually last 3 to 5 years. General requirements include that participants be 18 years of age; possess a valid driver's license; and go through a selection process which may include, but not be limited to, both written and physical testing, drug testing and an interview by a joint apprenticeship committee. The Duwamish Center is currently cooperating with Joint Apprenticeship Committees to provide related and supporting instruction for apprentices and journey-level in the following areas:

- Boeing Machinist (Boeing Employees) (253) 951-1104
- Boilermakers (206) 624-4707
- Carpet, Tile, & Resilient Floorcovering (206) 762-8332
- Cement Masons (206) 762-9286
- Cosmetology (206) 766-9050
- Glaziers & Glassworkers (206) 762-7001
- Ironworkers (206) 244-2993
- Meatcutters (206) 640-6934
- N. W. Laborers (360) 297-5948
- Northwest Construction Linemen,
Power Line Clearance & Tree Trimmers (503) 253-8202
- Puget Sound Electrical (425) 228-1777
- Seattle City Light, Electrical Workers (206) 386-1609
- Sprinkler Fitters (206) 764-0395
- Washington State Firefighters (253) 946-7321
- Western Washington Masonry Trades, Bricklayers,
Caulkers, Cleaner, Pointer, Tilesetters (206) 767-3986
- Western Washington Painting
Decorating & Drywall (206) 762-8332

FIRE SCIENCE PROGRAM

(253) 946-7321

This program offers an Associate of Arts and Sciences – T Degree (A.A.S.-T) for firefighters to finish their degree, transfer to a four-year institution and advance their career. The program accepts Fire Command Administration credits.

FIRST AID & SAFETY (INDUSTRIAL)

(206) 764-5350

The Washington Industrial Safety and Health Act (WISHA) specifies that employees and supervisors in many industries must have formal First Aid and Safety training. An 18-hour course is available to those who require this training. A nine-hour course is available for certification renewal.

FLAGGING & TRAFFIC CONTROL CERTIFICATION

(206) 764-5350

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. Testing will be conducted during class. Certification is valid for three years in Washington, Oregon and Idaho.

PUGET SOUND INDUSTRIAL EXCELLENCE CENTER

The PSIEC is a result of collaboration between business, industry and education. A major goal of the PSIEC is to add services to assist local businesses which focus on manufacturing, construction and transportation industries.

WASHINGTON STATE SAFETY INSTITUTE

The Safety Training Center is a broad-based coalition of labor, business and public entities, whose goal is to establish a state-of-the-art Safety Training Center. The Center will be housed at Duwamish Apprenticeship and Education Center. It will address the safety needs of construction, transportation and manufacturing.

Professional / Technical PROGRAMS

South Seattle Community College offers degrees and certificates in more than 20 workforce education areas. These programs, which vary in length from one to seven quarters, are designed to prepare students for careers and/or to expand skills in their career area. South Seattle Community College, including these programs, is accredited by the Northwest Commission of Colleges and Universities.

AERONAUTICAL TECHNOLOGY

Aviation Maintenance Division
(206) 763-5133

Airframe, Powerplant Technology & Aviation Maintenance

This program provides graduates of recognized airframe and powerplant programs and experienced F.A.A.-certified mechanics the opportunity to expand their knowledge and training, and earn an Associate of Applied Science degree. The degree requires F.A.A. certification or graduation from the airframe and powerplant program.

The degree program builds on the student's previous knowledge and emphasizes current industry practices and related technical information. General education courses provide background in industrial, social, political and economic factors and their implications to the industry.

Advanced standing may be granted for work experience and/or related training. Graduates of a recognized or F.A.A. airframe and powerplant program and/or experienced aircraft mechanics who are F.A.A.-certified in airframe and powerplant technology may receive up to a maximum of 60 credit hours toward the degree based on the documentation and the recommendation of a college evaluation committee.

Prereq: Special requirements for admission.

Aviation Maintenance

The Aviation Maintenance program offers a preparatory program in airframe and powerplant (A&P) mechanics. The two-year (8 quarters) curriculum is designed to provide knowledge of and training on current aviation airframes and powerplants.

Students who successfully complete the aviation maintenance curriculum will be 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. For increased employment opportunities, however, completion of both components is highly recommended. Students may qualify for advanced program placement if they provide acceptable documentation from any F.A.A. certified airframe and powerplant program and meet the course challenge requirements.

The aviation maintenance airframe and powerplant curriculum is approved by the F.A.A. (Air Agency Certificate # HQ6T596N).

Aviation Airframe Mechanic

Certificate

TECHNICAL SPECIALTY COURSES

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

RELATED INSTRUCTION

ENG 105	Applied Composition	3
ENG 106	Technical Writing	3
ICT 103	Computer Applications.	2
PSY 220	Psychology of Human Relations	3

TOTAL CREDITS 96

Requirements: Satisfactory completion of a minimum 250 prescribed clock-hours of instruction per quarter and a minimum 2.0 grade point average (70%) on each class assignment.

Aviation Powerplant Mechanic**Certificate****TECHNICAL SPECIALTY COURSES**

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

RELATED INSTRUCTION

ENG 105	Applied Composition.....	3
ENG 106	Technical Writing.....	3
ICT 103	Computer Applications.....	2
PSY 220	Psychology of Human Relations.....	3
TOTAL CREDITS		96

Aviation Maintenance Airframe & Powerplant**Certificate****TECHNICAL SPECIALTY COURSES**

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

RELATED INSTRUCTION

ENG 105	Applied Composition.....	3
ENG 106	Technical Writing.....	3
ICT 103	Computer Applications.....	2
PSY 220	Psychology of Human Relations.....	3
TOTAL CREDITS		147

Flight Training for Aviation Mechanics**Certificate****TECHNICAL SPECIALTY COURSES**

AFT 101	Private Pilot Ground School.....	5
AFT 110	Private Pilot Flight Instruction.....	6
AFT 130	Instrument Ground School.....	5
AFT 210	Instrument Flight Instruction.....	6
AFT 230	Commercial Pilot Ground School.....	5
AMT 111	Basic Science for Aviation.....	17
AMT 112	Basic Electricity for Aviation.....	17
AMT 113	Airframe Structure & Repair.....	17
AMT 214	Airframe Systems.....	17
AMT 215	Advanced Airframe.....	17

RELATED INSTRUCTION

ENG 105	Applied Composition.....	3
ICT 103	Computer Applications.....	2
PSY 220	Psychology of Human Relations.....	3
TOTAL CREDITS		120

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

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

RELATED INSTRUCTION

IFS 100	Industrial Safety*.....	2
MAT 111	Applied Mathematics*.....	5
PHY 111	Applied Physics*.....	5
QCT 205	Non-Destructive Testing I*.....	3

* These courses are included in the Aviation Maintenance Airframe & Powerplant Certificate program.

ELECTIVE COURSES

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS		156
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Associate of Applied Science –T Degree (A.A.S.-T)**TECHNICAL SPECIALTY COURSES**

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

RELATED INSTRUCTION

IFS 100	Industrial Safety*.....	2
MAT 111	Applied Mathematics*.....	5
PHY 111	Applied Physics*.....	5
QCT 205	Non-Destructive Testing I*.....	3

* These courses are included in the Aviation Maintenance Airframe & Powerplant Certificate program.

ENG 101	Composition.....	5
MAT 102	College Algebra.....	5
PSY 110	General Psychology.....	5

ELECTIVE COURSES

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 160

AUTO BODY COLLISION REPAIR

**Automotive Collision Technology Training Center
(206) 764-5391**

Individuals employed in automotive collision, repair, and refinishing face constant challenge and variety. Career opportunities include frame technicians, body technicians, refinish technicians, as well as advanced positions such as shop managers and owners, damage appraisers, and insurance adjusters. The curriculum is modular and competency-based. Certificate 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 ABE-based certificate options. Students should see an instructor for more information.

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

There are additional costs for books and supplies. Each student is responsible for the purchase of coveralls and required tools, which must be purchased before the instructional process begins.

Certificate

TECHNICAL SPECIALTY COURSES

ABR 111	Intro to Automotive Collision Technology	4
ABR 112	Safety & Environmental Practices	3
ABR 113	Welding & Cutting	8
ABR 121	Panel Replacement & Alignment	4
ABR 122	Working w/Trim & 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 Equipment, Paint & Refinishing Materials	5
ABR 134	Detailing	1
ABR 161	Damage Analysis	5

ABR 162	Door Skin & Intrusion Beam Replacement	3
ABR 163	Quarter Panel Replacement	5
ABR 164	Moveable Glass & Hardware	2
ABR 171	Straightening Structural Parts	7
ABR 172	Full & Partial Panel Replacement	7
ABR 173	Restoring Corrosion Protection	2
ABR 181	Steering & Suspension	6
ABR 182	Electrical & 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 & Cures	3

RELATED INSTRUCTION

MAT 110	Applied Math for Technicians	3
ENG 105	Applied Composition*	3
ICT 103	Microcomputer Applications	2
PSY 220	Psychology of Human Relations	3

** Indicates a testing prerequisite, permission only.*

TOTAL CREDITS 115

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

Completion of Certificate Requirements 115

RELATED INSTRUCTION

A minimum of 9 credits from at least two of the following:

- Business & Office
- Science & Mathematics
- Supervision & Management
- Technical Specialty Courses

ELECTIVE COURSES

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 133

INTERNSHIP OPTION

ABR 197	Internship I	4
ABR 297	Internship II	2

TOTAL CREDITS 139

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

ABR 111	Intro to Automotive Collision Technology	4
ABR 112	Safety & Environmental Practices	3
ABR 113	Welding & Cutting	8
ABR 121	Panel Replacement & Alignment	4
ABR 122	Working w/Trim & 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 Equipment, Paint & Refinishing Materials	5
ABR 134	Detailing	1
ABR 161	Damage Analysis	5
ABR 162	Door Skin & Intrusion Beam Replacement	3
ABR 163	Quarter Panel Replacement	5
ABR 164	Moveable Glass & Hardware	2
ABR 171	Straightening Structural Parts	7
ABR 172	Full & Partial Panel Replacement	7
ABR 173	Restoring Corrosion Protection	2
ABR 181	Steering & Suspension	6
ABR 182	Electrical & 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 & Cures	3

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5

A minimum of 9 credits from at least two of the following:

- Business & Office
- Science & Mathematics
- Supervision & Management
- Technical Specialty Courses

ELECTIVE COURSES

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS

137

AUTOMOTIVE TECHNOLOGY**Automotive Technology Training Center
(206) 764-5391**

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. The certificate program can be completed in 7 quarters. The A.A.S. degree provides an opportunity to develop leadership and communication skills and increase general knowledge. Books and supplies cost about \$85 per quarter. Students are responsible for the purchase of required materials: hard-toed boots, coveralls and tools (minimum \$300).

The Automotive Technology program is a NATEF/ASE Master certified training program and offers ABE-based certificate options. Students should see an instructor for more information.

Automotive Technician**Certificate****TECHNICAL SPECIALTY COURSES**

AUT 100	Basic Electrical Systems	4
AUT 102	Advanced Electrical Systems	4
AUT 104	Automotive Electronics	4
AUT 106	Basic Power Accessories	4
AUT 110	Clutches, Driveline & Half Shafts	3
AUT 112	Manual Transaxles	4
AUT 114	Manual Transmissions, Transfer Cases & Drive Axles	4
AUT 116	Air Conditioning & Heating	4
AUT 118	Automatic Trans., Diagnosis & Service	8
AUT 120	Advanced Automatic Transmission Service	8
AUT 122	Steering & Suspension	4
AUT 124	Tires & Wheel Alignment	4
AUT 126	Basic Brake Systems	3
AUT 127	Advanced Brake Systems	4
AUT 128	Automotive Engine Diagnose/Remove & Replace	4
AUT 130	Automotive Engine Rebuild	8
AUT 136	Minor Tune-Up Procedures	4
AUT 138	Fuel System Servicing	4
AUT 140	Engine Computer Inputs & Outputs	4
AUT 142	Emission Controls & Diagnostic Test Equipment	4
MVM 100	Intro to Automotive	3
WFT 110	Motor Vehicle Welding Fabrication	3

RELATED INSTRUCTION

ENG 105	Applied Composition*	3
ICT 103	Computer Applications	2
MAT 110	Applied Math for Technicians	3
PSY 220	Psychology of Human Relations	3

* Indicates a testing prerequisite, permission only.

TOTAL CREDITS 107

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

Completion of Certificate Requirements 107

RELATED INSTRUCTION

Minimum 9 credits from at least two of these categories:

- Business & Office
- Science & Mathematics
- Supervision & Management
- Technical Specialty Courses

ELECTIVE COURSES

Minimum 9 credits in two of the following areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 125

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

TECHNICAL SPECIALTY COURSES

AUT 100	Basic Electrical Systems	4
AUT 102	Advanced Electrical Systems	4
AUT 104	Automotive Electronics	4
AUT 106	Basic Power Accessories	4
AUT 110	Clutches, Driveline & Half Shafts	3
AUT 112	Manual Transaxles	4
AUT 114	Manual Transmissions, Transfer Cases & Drive Axles	4
AUT 116	Air Conditioning & Heating	4
AUT 118	Automatic Trans., Diagnosis & Service	8
AUT 120	Advanced Automatic Transmission Service	8
AUT 122	Steering & Suspension	4
AUT 124	Tires & Wheel Alignment	4
AUT 126	Basic Brake Systems	3
AUT 127	Advanced Brake Systems	4
AUT 128	Automotive Engine Diagnose/Remove & Replace	4
AUT 130	Automotive Engine Rebuild	8
AUT 136	Minor Tune-Up Procedures	4
AUT 138	Fuel System Servicing	4
AUT 140	Engine Computer Inputs & Outputs	4
AUT 142	Emission Controls & Diagnostic Test Equipment	4
MVM 100	Intro to Automotive	3
WFT 110	Motor Vehicle Welding Fabrication	3

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5

ELECTIVE COURSES

Minimum 9 credits from at least two of these categories:

- Business & Office
- Science & Mathematics
- Supervision & Management
- Technical Specialty Courses

Minimum 9 credits in two of the following areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 129

BUSINESS AND OFFICE PROGRAMS

**Technical Education
(206) 764-5394**

This program provides a foundation for management trainee positions. Students receive background in accounting, communications skills, law, and finance and gain an understanding of today's business world and business technology.

Accounting

Certificate

TECHNICAL SPECIALTY COURSES

ACC 110	Intro to Accounting/Bookkeeping I*	5
ACC 111	Intro to Accounting Computer Applications I	3
ACC 120	Intro to Accounting/Bookkeeping II**	5
ACC 121	Intro to Accounting Computer Applications II	3
ACC 257	Business Tax Accounting	5
BUS 104	Keyboarding	3
- OR -		
BUS 106	Keyboarding/Skillbuilding	3
BUS 115	Computational Skillbuilding	2

*ACC 210 may be substituted for ACC 110.

**ACC 220 may be substituted for ACC 120.

RELATED INSTRUCTION

BUS 101	Intro to Business.....	5
BUS 116	Business Mathematics/Spreadsheets.....	5
BUS 169	Using Computers in Business I.....	5
BUS 131	Integrated Communications I.....	5
- OR -		
ENG 101	Composition.....	5
BUS 230	Business Communications.....	5
- OR -		
ENG 102	Composition.....	5
PSY 110	General Psychology.....	5
- OR -		
PSY 220	Psychology of Human Relations.....	3
TOTAL CREDITS		54-56

Business Information Technology

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**REQUIRED COURSES**

BUS 113	Diversity Issues in Business.....	3
BUS 116	Business Math/Spreadsheets.....	5
- OR -		
BUS 110	Business Mathematics.....	5
- OR -		
MAT 102	College Algebra.....	5
BUS 131	Integrated Communications I.....	5
BUS 140	Customer Relations.....	5
BUS 169	Using Computers in Business I.....	5
BUS 170	Information Technology I.....	4
BUS 177	Spreadsheets.....	5
BUS 179	Word Processing.....	5
BUS 182	Information & Database Management.....	5
BUS 197	Work Experience: Business.....	3-5
TOTAL CREDITS		45-47

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

Completion of Certificate Requirements..... 45-47

TECHNICAL SPECIALTY COURSES

ACC 110	Intro to Accounting/Bookkeeping I.....	5
ACC 111	Intro to Accounting Computer Applications I... 3	
BUS 175	Applied Business Statistics.....	5
- OR -		
BUS 210	Business & Economic Statistics.....	5

- OR -

MAT 109	Elementary Statistics.....	5
BUS 216	Professional Development.....	5
BUS 230	Business Communications.....	5
BUS 235	Oral Communications in Business.....	5
- OR -		
CMN 125	Interpersonal Communication.....	5
- OR -		
CMN 135	Effective Presentations.....	5
BUS 239	Integrating Office Applications.....	5

RELATED INSTRUCTION

BUS 101	Intro to Business.....	5
BUS 250	Business Law.....	5
- OR -		
BUS 200	Intro to Law.....	5
PSY 110	General Psychology.....	5
- OR -		
PSY 220	Psychology of Human Relations.....	3

ELECTIVE COURSES

A minimum of 5 credits in the following areas

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies

TOTAL CREDITS 96-100

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

ACC 110	Intro to Accounting/Bookkeeping I.....	5
ACC 111	Intro to Accounting Computer Applications I... 3	
BUS 101	Intro to Business.....	5
BUS 112	Multicultural Issues in the American Workplace.....	5
- OR -		
BUS 113	Diversity Issues in Business.....	3
BUS 132	Integrated Communications II.....	5
BUS 140	Customer Relations.....	5
BUS 169	Using Computers in Business I.....	5
BUS 170	Information Technology I.....	4
BUS 171	Information Technology II.....	4
BUS 172	Information Technology III.....	4
BUS 175	Applied Business Statistics.....	5
- OR -		
BUS 210	Business & Economic Statistics.....	5
- OR -		
MAT 109	Elementary Statistics.....	5
BUS 182	Information & Database Management.....	5
BUS 197	Work Experience: Business.....	5
BUS 216	Professional Development.....	5
BUS 235	Oral Communications in Business.....	5
BUS 250	Business Law.....	5
- OR -		
BUS 200	Intro to Law.....	5

RELATED INSTRUCTION

ENG 101	Composition	5
ENG 102	Composition II	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5

ELECTIVE COURSES

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS	98-100
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Medical Office Clerk

The Medical Office Clerk 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. The instructional program includes skill development in clerical functions, keyboarding, billing, and patient relations.

Prerequisite: Enter program with 25 wpm keyboarding skills, or enter BUS 104 first.

Certificate**TECHNICAL SPECIALTY COURSES**

ACC 110	Intro to Accounting I	5
ACC 111	Intro to Accounting – Computer Applications I	3
AHE 124	Software Applications for Healthcare	4
AHE 130	Medical Coding & Insurance Processing	5
AHE 168	Medical Terminology	5
BUS 170	Information Technology I	4
BUS 179	Word Processing	5
BUS 182	Information Database Management	5
BUS 235	Oral Communications in Business	5
BUS 197	Work Experience/Internship	5
-OR-		
BUS 216	Professional Development	5

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
BUS 131	Integrated Communications I	5
BUS 140	Customer Relations	5
-OR-		
PSY 220	Psychology of Human Relations	3
BUS 169	Using Computers in Business I	5
TOTAL CREDITS	64-66	

COMPUTER-AIDED DRAFTING & DESIGN TECHNOLOGY**Academic Programs**

(206) 768-6600

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**

EGR 110	Engineering Orientation	1
INT 100	Manufacturing Processes	3
TDR 121	Drafting Technology I	4
TDR 123	Drafting Technology II	4
TDR 126	Space Geometry	3
TDR 131	Intro to CAD - 2-D	3
TDR 133	Intermediate CAD - 2-D	3
TDR 179	CAD Mechanical	4
TDR 230	Basic CAD - 3-D	3

RELATED INSTRUCTION

ICT 103	Computer Applications	2
MAT 111	Applied Mathematics I	5
MAT 112	Applied Mathematics II	5
ENG 105	Applied Composition*	3
PSY 220	Psychology of Human Relations	3

*Indicates a testing prerequisite, or by permission.

TOTAL CREDITS	46
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Associate of Applied Science Degree (A.A.S.)

Completion of Certificate Program 46

ADDITIONAL TECHNICAL SPECIALTY COURSES

MET 102 Creative Technical Problem-Solving* 3
 TDR 160 Survey/CAD Civil 5
 TDR 169 CAD - Electrical 4
 TDR 228 CAD - Sheet Metal/HVAC 4
 TDR 231 Advanced CAD - 3-D 3
 TDR 236 Design Project Considerations 1
 TDR 237 Design Project 1 2
 TDR 238 Design Project 2 2
 TDR 263 Applied Mechanics 1 2
 TDR 268 Architectural/Structural 4
 TDR 272 Applied Mechanics 2 2
 TDR 298 Special Topics, Drafting 3

**EGR 111 may sub for MET 102. Check prereqs.*

RELATED INSTRUCTION

ENG 106 Technical Writing 3
 ENG 108 Technical Report Writing 3

ELECTIVE COURSES

Select a minimum of 6 credits in two of the following areas. Courses must support student's overall technical objectives and have Dean's signed approval.

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 93

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

TECHNICAL SPECIALTY COURSES

EGR 110 Engineering Orientation 1
 INT 100 Manufacturing Processes 3
 MET 102 Creative Technical Problem-Solving* 3
 TDR 121 Drafting Technology I 4
 TDR 123 Drafting Technology II 4
 TDR 126 Space Geometry 3
 TDR 131 Intro to CAD - 2-D 3
 TDR 133 Intermediate CAD - 2-D 3
 TDR 160 Survey/CAD Civil 5
 TDR 169 CAD - Electrical 4
 TDR 179 CAD Mechanical 4
 TDR 228 CAD - Sheet Metal/HVAC 4
 TDR 230 Basic CAD - 3-D 3
 TDR 231 Advanced CAD - 3-D 3
 TDR 236 Design Project Considerations 1
 TDR 237 Design Project 1 2
 TDR 238 Design Project 2 2
 TDR 263 Applied Mechanics 1 2

TDR 268 Architectural/Structural 4
 TDR 272 Applied Mechanics 2 2
 TDR 298 Special Topics, Drafting 3
 EGR 111* may sub for MET 102. Check prereqs.

RELATED INSTRUCTION

ENG 101 Composition 5
 ENG 108 Technical Report Writing 3
 MAT 122 Pre-Calculus 5
 MAT 123 Pre-Calculus II 5
 PSY 110 General Psychology 5

ELECTIVE COURSES

A minimum of 6 credits in two of the following areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 91

COMPUTING TECHNOLOGY

**Technical Education Division
 (206) 764-5365**

The Computing Technology program at South Seattle Community College is designed to provide students with the opportunity to build upon computer fundamentals for their field of choice and prepare them for industry certification tests such as CNE. The program is designed for maximum flexibility in career choices and changes in this industry. The campus computer labs use a variety of IBM-compatible microcomputers. A special Local Area Network (LAN) lab provides essential hands-on training in installation, maintenance, and performance tuning of LANs. Four associate's degree programs are offered in the areas of Network Administration, Network Technician, Software Engineering and Web Media and Technology. These degrees may be completed in approximately two years.

Network Administration

This program is for students who want to specialize in computer hardware. The curriculum includes specific courses in computer upgrading, maintenance and troubleshooting for a LAN environment.

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

CSC 100	Beginning Computers.	5
CTN 101	Intro to Computing Technology	5
CTN 120	Databases I.	5
CTN 131	Intro to Computer Programming	5
CTN 141	Intro to Operating Systems	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 272	Local Area Networks II	5
CTN 274	Local Area Networks III.	5
CTN 278	Wireless Communication I.	3
CTN 282	CISCO I	5
CTN 283	CISCO II	5
CTN 295	Help Desk/Research/Customer Service.	5

TECHNICAL ELECTIVES

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

CTN 197	Computing Internship.	3-5
CTN 224	Web Server Configuration & Management.	5
CTN 277	Network Security 1.	5
CTN 284	CISCO III	5
CTN 285	CISCO IV	5

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets.	5
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GENERAL EDUCATION COURSES

ENG 105	Applied Composition	3
ENG 106	Technical Writing	3
PSY 220	Psychology Of Human Relations	3

GENERAL EDUCATION ELECTIVES

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

- Visual, Literary and Performing Arts
- Individuals, Cultures and Societies.

TOTAL CREDITS		112
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Associate of Applied Science – T Degree (A.A.S.-T)**TECHNICAL SPECIALTY COURSES**

CSC 100	Beginning Computers.	5
CTN 101	Intro to Computing Technology	5
CTN 120	Databases I.	5
CTN 131	Intro to Computer Programming	5
CTN 141	Intro to Operating Systems	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 272	Local Area Networks II	5
CTN 274	Local Area Networks III.	5
CTN 278	Wireless Communication I.	3
CTN 282	CISCO I	5
CTN 283	CISCO II	5
CTN 295	Help Desk/Research/Customer Service.	5

TECHNICAL ELECTIVES

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

CTN 197	Computing Internship.	3-5
CTN 224	Web Server Configuration and Mgmt.	5
CTN 277	Network Security 1.	5
CTN 284	CISCO III	5
CTN 285	CISCO IV	5

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 102	College Algebra.	5
PHY 101	General Physics I	5
PSY 110	General Psychology	5

GENERAL EDUCATION ELECTIVES

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

- Visual, Literary and Performing Arts
- Individuals, Cultures and Societies

TOTAL CREDITS		118
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Network Technician

This program teaches students how to diagnose and correct many problems that occur with PC hardware, operating systems, networks, and commonly used application software. Graduates can go on to become help desk technicians working for information technology support groups.

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

TECHNICAL SPECIALTY COURSES

CSC 100	Beginning Computers.	5
CTN 101	Intro to Computing Technology	5
CTN 120	Databases I.	5
CTN 131	Intro to Computer Programming	5
CTN 141	Intro to Operating Systems	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.	3
CTN 270	Local Area Networks I.	5
CTN 272	Local Area Networks II	5
CTN 274	Local Area Networks III.	5
CTN 277	Network Security	5
CTN 295	Help Desk/Research/Customer Service.	5

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets.	5
ENG 105	Applied Composition	3
ENG 106	Technical Writing	3
PSY 220	Psychology Of Human Relations	3

GENERAL EDUCATION ELECTIVES

Minimum of 5 credits in one of the following areas:

- Visual, Literary and Performing Arts
- Individuals, Cultures and Societies

TOTAL CREDITS	97
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Associate of Applied Science – T Degree (A.A.S.-T)

TECHNICAL SPECIALTY COURSES

CSC 100	Beginning Computers.	5
CTN 101	Intro to Computing Technology	5
CTN 120	Databases I.	5
CTN 131	Intro to Computer Programming	5
CTN 141	Intro to Operating Systems	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.	3
CTN 270	Local Area Networks I.	5
CTN 272	Local Area Networks II	5
CTN 274	Local Area Networks III.	5
CTN 277	Network Security	5
CTN 295	Help Desk/Research/Customer Service.	5

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 102	College Algebra.	5
PSY 110	General Psychology	5

GENERAL EDUCATION ELECTIVES

Minimum of 5 credits in one of the following areas:

- Visual, Literary and Performing Arts
- Individuals, Cultures and Societies

TOTAL CREDITS	98
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Software Engineering

The Software Engineering program teaches current software languages, and introduces students to procedures to create useful application software for business and industry. Graduates may gain employment testing new ideas and software applications before they go to market. Graduates possess the technical skills to help companies create some of their own internal software solutions.

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 121	Database II	5
CTN 131	Introduction To Computer Programming	5
CTN 160	Web Production I	5
CTN 163	Asp.Net I	5
CTN 204	Asp.Net II	5
CTN 206	Asp.Net III	5
CTN 231	Net Programming I	5
CTN 250	Net Programming II	5
CTN 260	Visual Basic III - Object-Oriented Programming	5
CTN 266	SQL Server Administration	5
CTN 280	Software Testing I	5
CTN 290	Software Analysis and Design	5
CTN 294	Software Implementation	5

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
ENG 105	Applied Composition	3
ENG 106	Technical Writing	3
PHY 111	Applied Physics	5
PSY 220	Psychology Of Human Relations	3

ELECTIVE COURSES

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

- Visual, Literary, & Performing Arts
- Individuals, Cultures, & Societies

TOTAL CREDITS	104
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Associate of Applied Science – T Degree (A.A.S.-T)**TECHNICAL SPECIALTY COURSES**

CSC 100	Beginning Computers	5
CSC 110	Intro to Computer Programming	5
CSC 142	Computer Programming For Engineers	5
CSC 143	Computer Programming II	5
CTN 101	Introduction To Computing Technology	5
CTN 120	Databases I	5
CTN 121	Database II	5
CTN 163	Asp.Net I	5
CTN 204	Asp.Net II	5
CTN 206	Asp.Net III	5
CTN 231	Net Programming I	5
CTN 250	Net Programming II	5
CTN 260	Visual Basic.Net III Object-Oriented Programming	5
CTN 266	SQL Server Administration	5
CTN 280	Software Testing I	5
CTN 290	Software Analysis And Design	5
CTN 294	Software Implementation	5

RELATED INSTRUCTION

ENG 101	Composition	5
ENG 102	Composition	5
MAT 122	Pre-Calculus	5
PSY 110	General Psychology	5

ELECTIVE COURSES

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

- Visual, Literary, & Performing Arts
- Individuals, Cultures, & Societies
- The Natural World

TOTAL CREDITS	110
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Web Media & Technology

This program focuses on Web design, administration, and electronic commerce. Students will cover topics including content issues, enhancements to Web page construction, server administration, business and client issues, server issues for building internet/intranet information sites and issues of security and access privileges. Graduates find employment as “Web masters” for organizations building or enhancing their presence on the Internet and World Wide Web.

PREREQUISITE:

CSC 100 – Beginning Computers – is a prerequisite to the Web Media & Technology program.

Certificate**TECHNICAL SPECIALTY COURSES**

CTN 120	Databases I	5
CTN 131	Intro to Computer Programming	5
CTN 160	Web Production I	5
CTN 161	Web Production II	5
CTN 162	Web Production III	5
CTN 165	Usability Design	5
CTN or ART	Elective	10

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
ART 210	Computer Art	5
ENG 105	Applied Composition	3
PSY 220	Psychology of Human Relations	3
TOTAL CREDITS	56	

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

CTN 120	Databases I	5
CTN 131	Intro to Computer Programming	5
CTN 160	Web Production I	5
CTN 161	Web Production II	5
CTN 162	Web Production III	5
CTN 165	Usability Design	5
CTN 167	XML I	5
CTN 197	Computing Internship	2
CTN 269	Capstone	5

RELATED INSTRUCTION

ART 210	Computer Art	5
CMN 275	Online Communication	5
BUS 116	Business Math/Spreadsheets	5
ENG 105	Applied Composition	3
PSY 220	Psychology of Human Relations	3

Choose from one of the following three tracks

MEDIA –OR-

ART 101	Design	5
ART 111	Drawing	5
ART 166	Video Art I	5
ART 216	Multimedia Art I	5
ART 217	Multimedia Art II	5
CTN Electives		15

PROGRAMMING & DEVELOPMENT – OR-

CTN 231	Visual Basic I	5
CTN 163	Dynamic Web Publishing I	5
CTN 204	Dynamic Web Publishing II	5
CTN 250	Visual Basic II	5
CTN 121	Databases II	5
CTN Electives		15

SYSTEM ADMINISTRATION

CTN 141	Operating Systems I	5
CTN 142	Operating Systems II	5
CTN 170	PC Hardware I*	5
CTN 270	Local Area Networks I	5
CTN 272	Local Area Networks II	5
CTN 224	Web Server Configuration & Management	5
CTN Electives		10

* CTN 101 is a prerequisite for CTN 170.

TOTAL CREDITS 103

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

CTN 120	Databases I	5
CTN 131	Intro to Computer Programming	5
CTN 160	Web Production I	5
CTN 161	Web Production II	5
CTN 162	Web Production III	5
CTN 165	Usability Design	5
CTN 167	XML I	5
CTN 269	Capstone	5
CTN 197	Computing Internship	2-5
CTN Electives		15

RELATED INSTRUCTION

ART 210	Computer Art	5
ENG 101	Composition	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5
General Electives		5

Choose from one of the following three tracks

MEDIA – OR -

ART 101	Design	5
- OR -		
ART 111	Drawing	5
CTN 169	Graphics for the Web II	3
CTN 164	Multimedia on the Web	5
CTN 205	Multimedia for the Web II	5
CTN 165	Interface Design	5
CTN 166	Audio & Video for Multimedia and the Web	5

PROGRAMMING & DEVELOPMENT –OR-

CTN 231	Visual Basic I	5
CTN 163	Dynamic Web Publishing I	5
CTN 204	Dynamic Web Publishing II	3
CTN 250	Visual Basic II	5
CTN 121	Databases II	5
CTN 265	Visual Basic IV – Database Programming	5
- OR -		
CTN 202	Web Scripting I	5

SYSTEM ADMINISTRATION

CTN 142	Operating Systems II	5
CTN 170	PC Hardware I	5
CTN 270	Local Area Networks I	5
CTN 224	Web Server Configuration and Management	5
CTN 277	Network Security	5

TOTAL CREDITS 107-110

COSMETOLOGY

Cosmetology Department
(206) 764-5846

Students achieve eligibility for taking the State Board of Cosmetology Licensing examination in five quarters, and receive a certificate in six quarters or an A.A.S. degree in seven quarters. Instruction includes hair cutting; trimming; styling; shampooing; permanent waving; chemical relaxing or strengthening; bleaching or coloring of the hair; client communication skills; and manicuring and aesthetics.

Certificate

TECHNICAL SPECIALTY COURSES

COS 110	Cosmetology Theory I	5
COS 111	Cosmetology Theory II	5
COS 112	Cosmetology Theory III	5
COS 113	Cosmetology Theory IV	5
COS 114	Cosmetology Theory V	5
COS 115	Cosmetology Laboratory I	15
COS 116	Cosmetology Laboratory II	15
COS 117	Cosmetology Laboratory III	15
COS 118	Cosmetology Laboratory IV	15
COS 119	Cosmetology Laboratory V	15

RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets	5
IFS 100	Industrial First Aid	2
BUS 121	English Communications/ College Prep Writing III	5
PSY 220	Psychology of Human Relations	3

TOTAL CREDITS 115

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

Completion of Certificate Requirements 115

RELATED INSTRUCTION

ACC 110	Intro to Accounting/Bookkeeping I	5
BUS 230	Business Communications	5
BUS 250	Business Law	5
SMG 100	Leadership & Supervision	3
BUS 131	Integrated Communications I	5

ELECTIVE COURSES

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 148

CULINARY ARTS

Culinary Arts Department
(206) 764-5344

Hospitality industry leaders recognize that the Culinary Arts program at South Seattle Community College provides outstanding culinary arts training. The prestigious American Culinary Federation Educational Institute also accredits South's Culinary Arts program. The department works closely with the hospitality industry to develop innovative, realistic programs that will provide students with skills needed for successful employment.

Culinary Arts students receive training that provides them with the production skills necessary to operate the multifaceted food service operation 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, The 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. These hands-on laboratories prepare students for entry-level positions in dining room service, food production, and supervision for hotel, restaurant, catering and institutional food service operations.

Catering & Banquet Operations or Restaurant & Food Service Production

Certificate

TECHNICAL SPECIALTY COURSES

FSD 100	Food Safety & Sanitation	3
FSD 102	Theory 5	5
FSD 103	Theory 3	5
FSD 104	Theory 1	5
FSD 105	Theory 2	5
FSD 106	Theory 4	5
FSD 108	Operations	5
FSD 110	Food Server 1	5
FSD 111	Pantry 1	5
FSD 112	Food Preparation 1	5
FSD 113	Purchasing	5
FSD 114	Food Server 4	5
FSD 115	Inventory	5
FSD 120	Short Order Cookery	5
FSD 121	Food Preparation 2	5
FSD 122	Food Server 2	5
FSD 124	Food Preparation 3	5

FSD 130	Pantry 2	5
FSD 131	Restaurant Baking 1	5
FSD 133	Sauce 1	5
FSD 134	Sauté 1	5
FSD 136	Meat Cutting 1	5
FSD 137	Meat Cutting 2	5
FSD 138	Garde Manger 1	5
FSD 140	Food Preparation 4	5
FSD 143	Food Server 3	5
FSD 145	Garde Manger 2	5
FSD 150	Sauce 2	5
FSD 152	Prep Lead	5
FSD 153	Student Lunch Lead	5
FSD 154	Pantry Lead	5
HOS 203	Commercial Food Nutrition	3

RELATED INSTRUCTION

ENG 105	Applied Composition	3
ENG 106	Technical Writing	3
MAT 110	Applied Mathematics for Technicians	3
PSY 220	Psychology of Human Relations	3

TOTAL CREDITS 168

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

To earn an A.A.S. degree in Catering & Banquet Operations, or Restaurant & Food Service Operations, students must:

- Maintain a minimum cumulative grade point average of 2.0.
- Complete selected Culinary Arts certificate requirements.

GENERAL EDUCATION COURSES

Complete 9 credits selecting from two of these areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

RELATED INSTRUCTION

Complete 6 credits, selecting from

- Accounting, Business or Computer Application courses
- or additional Technical Specialty courses (5 credit maximum) not included in certificate requirements.

TOTAL CREDITS 183

Pastry & Specialty Baking

The Pastry and Specialty Baking program covers basic and advanced skills in pastry and specialty baking and decorating. This 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 and clubs, and a variety of positions with retail and wholesale bakeries.

This program is accredited by the American Culinary Federation Educational Institute Accrediting Commission.

Certificate

TECHNICAL SPECIALTY COURSES

HOS 203	Nutrition	3
FSD 100	Food Safety & Sanitation	3
FSD 139	Cooking I	5
FSD 160	Pastry & Baking Orientation	2
FSD 166	Breads I	5
FSD 167	Cookies I	5
FSD 168	Cakes I	5
FSD 169	Pies	5
FSD 170	Cookies II	5
FSD 171	Breads II	5
FSD 172	Breads III	5
FSD 175	French Pastry I	5
FSD 176	Desserts I	5
FSD 177	French Pastry II	5
FSD 178	Decorating I	5
FSD 179	Desserts II	5
FSD 180	Cakes II	5
FSD 183	Chocolate I	5
FSD 184	Decorating II	5
FSD 185	Petits Fours	5
FSD 186	Breads IV	5
FSD 188	Chocolate II	5
FSD 189	Decorating III	5
FSD 190	French Pastry III	5
FSD 191	Decorating IV	5
FSD 192	Show Pieces	5
FSD 193	Head Pastry I	5
FSD 194	Head Pastry II	5
FSD 195	Decorating V	5
FSD 196	Chocolate III	5
FSD 197	Desserts III	5

RELATED INSTRUCTION

ENG 105	Applied Composition	3
ENG 106	Technical Writing	3
MAT 110	Applied Mathematics for Technicians	3
PSY 220	Psychology of Human Relations	3

TOTAL CREDITS 160

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

To earn an A.A.S. degree in Pastry & Specialty Baking, students must:

- Maintain a minimum cumulative grade point average of 2.0.
- Complete selected Culinary Arts certificate requirements.

GENERAL EDUCATION

Complete 9 credits, selecting from two of these areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

RELATED INSTRUCTION

Complete 6 credits, selecting from these areas:

- Accounting, Business or Computer Application courses
- or additional Technical Specialty courses (5 credit maximum) not included in certificate requirements.

TOTAL CREDITS 175

DIESEL & HEAVY EQUIPMENT TECHNOLOGY

Diesel Technology Training Center
(206) 764-5391

Graduates of this program will find career opportunities in trucking, heavy equipment, construction, industrial machinery, marine diesel, and material handling. Supervisory opportunities are available as shop service representatives, service managers, foremen and construction equipment superintendents.

The certificate program can be completed in seven 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.

Books and supplies cost about \$85 per quarter. Students are responsible for the purchase of books and related materials, hard-toed boots, and required tools, which must be purchased before the instructional process begins.

Certificate**TECHNICAL SPECIALTY COURSES**

HDM 101	Intro to Heavy Duty	3
HDM 107	Hydraulics and Pneumatics	9
HDM 113	Basic Welding & Cutting – Diesel and Equip Tech	6
HDM 127	Drive Train	8
HDM 128	Basic Gasoline Engines	4
HDM 138	Steering, Suspension & Brakes	15
HDM 171	Lift Truck Operator	2

RELATED INSTRUCTION

ENG 105	Applied Composition*	3
MAT 110	Applied Math for Technicians	3
PSY 220	Psychology of Human Relations	3

* Indicates a testing requirement/permission only.

TOTAL CREDITS 56

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

Completion of Certificate Requirements and Technical Specialty courses		56
HDM 102	Electrical – Electronics, Basic	6
HDM 104	Batteries, Generators & Alternators	6
HDM 106	Cranking and Lighting Systems	5
HDM 123	Diesel Engine Repair & Performance	12
HDM 124	Preventive Maintenance	5
HDM 191	Advanced Gasoline Engines	4
HDM 193	Heating, Ventilation & Air Conditioning	6
HDM 197	Internship Heavy Duty Diesel*	1-6
HDM 201	Shop Practices	6

*Requires seeing a program advisor.

RELATED INSTRUCTION

Minimum of 10 credits from at least two of the following:

- Business & Office
- Science & Mathematics
- Supervision & Management
- Technical Specialty Courses
- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 116-122

OPTIONAL ELECTIVES

HDM 198	Special Topics HD Mechanical Repair.	1-10
HDM 298	Advanced Special Topics HD Mechanical Repair	1-10

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

HDM 101 Intro to Heavy Duty	3
HDM 102 Electrical – Electronics, Basic	6
HDM 104 Batteries, Generators and Alternators	6
HDM 106 Cranking and Lighting Systems	5
HDM 107 Hydraulics and Pneumatics	9
HDM 113 Basic Welding and Cutting – Diesel and Equip Tech	6
HDM 123 Diesel Engine Repair and Performance	12
HDM 124 Preventive Maintenance	5
HDM 127 Drive Train	8
HDM 128 Basic Gasoline Engines	4
HDM 138 Steering, Suspension and Brakes	15
HDM 171 Lift Truck Operator	2
HDM 191 Advanced Gasoline Engines	4
HDM 193 Heating, Ventilation and Air Conditioning	6
HDM 197 Internship Heavy Duty Diesel*	1-7
HDM 201 Shop Practices	5

*Requires seeing a program advisor.

RELATED INSTRUCTION

ENG 101 Composition	5
MAT 102 College Algebra	5
PSY 110 General Psychology	5

ELECTIVE COURSES

Minimum of 5 credits from:

- Business & Office
- Supervision & Management
- Technical Specialty Courses

Minimum of 5 credits from:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS	122-128
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OPTIONAL ELECTIVES

HDM 198 Special Topics HD Mechanical Repair	1-10
HDM 298 Advanced Special Topics HD Mechanical Repair	1-10

ENGINEERING TECHNOLOGY**Academic Programs
(206) 768-6600**

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**

EGR 110 Engineering Orientation	1
EGR 111 Engineering Design & Creativity	4
EGR 123 Intro to Engineering Graphics & Design	4
EGR 124 Engineering Graphics	4
EGR 142 Computer Programming for Engineers	5
EGR 210 Engineering Statics	5
EGR 220 Mechanics of Materials	5
EGR 298 Special Topics	4
EGR 299 Independent Study	4
INT 100 Overview of Manufacturing Processes	3
TDR 126 Space Geometry	3
TDR 131 Intro to CAD 2-D	3
TDR 133 Intermediate CAD 2-D	3
TDR 236 Design Project Considerations	1
TDR 237 Design Project I	2
TDR 238 Design Project II	2

RELATED INSTRUCTION

MAT 123 Pre-Calculus	5
MAT 124 Calculus I with Analytic Geometry	5
MAT 125 Calculus II with Analytic Geometry	5
PHY 201 General Physics I	5
PHY 202 General Physics II	5
ENG 101 Composition	5
ENG 108 Technical Report Writing	3
PSY 220 Psychology of Human Relations	3

ELECTIVE COURSES

A minimum of 6 credits in the following areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies

TOTAL CREDITS	95
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FIRE SCIENCE

Duwamish Industrial Training Center
(206) 768-6867

The Fire Science/Firefighting program prepares current Firefighters to perform the duties required of a Fire Fighter II Apprentice. It includes instruction in Fire Fighting equipment operation and maintenance, principles of fire science and combustible substances, methods of controlling different types of fires, hazardous material handling and control, fire rescue procedures, public relations, and applicable laws and regulations.

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

TECHNICAL SPECIALTY COURSES

FCA 105	Hydraulics	3
FCA 120	Basic Fire Investigation	3
FCA 137	Fire Protections Systems I	3
FCA 152	Building Construction	3
FCA 155	Fire Service Instructor	3
FCA 161	Incident Management I	3
FCA 170	Hazardous Materials 1	3
FCA 181	Fire Service Safety	3
FCA 190	Fire Inspection Codes	4
FCA 231	Fire Service Supervision	4
FCA 232	Fire Service Management	4
FCA 233	Fire Service Administration	4
FCA 261	Incident Management II	3
FCA 270	Hazardous Materials II	3
FCA 299	Fire Service Seminar	1 - 5
	ESERVE Electives	18

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 110	Applied Math for Technicians	5
PSY 110	General Psychology	5

GENERAL EDUCATION

10 credits, selected from approved list. See Advising Center.

TOTAL CREDITS 90

LANDSCAPE HORTICULTURE

Technical Education
(206) 764-5394

Training is offered 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 opportunities for self-employment in this field.

One Year Certificate

TECHNICAL SPECIALTY COURSES

Core Curriculum -26 credits

LHO 100	The Landscape Industry	1
LHO 109	Integrated Pest Management	3
LHO 137	Landscape Management	3
LHO 150	Horticulture Science I	2
LHO 151	Horticulture Science II	2
LHO 152	Soils	3
LHO 135	Intro. to Irrigation & Drainage Systems	3

SELECT 3 OF THE FOLLOWING COURSES:

LHO 115	Fall Plant Identification	3
LHO 116	Winter Plant Identification	3
LHO 117	Spring Plant Identification	3
LHO 119	Native Plants for NW Landscapes	3
LHO 120	Perennial Plant Identification	3

SPECIALTY AREAS

Landscape Design & Construction

Select 11 - 12 credits

LHO 121	Landscape Design I	4
LHO 125	Landscape Design II	4
LHO 262	Landscape Design III	4
LHO 189	Intro to Landscape Construction*	3

*Required to complete an A.A.S. degree.

Landscape Management

Select 11 - 12 credits

LHO 108	Weed Identification & Management	2
LHO 140	Introduction to Arboriculture	3
LHO 155	Pruning	3
LHO 189	Intro to Landscape Construction	3

Horticultural Studies

Select 11 - 12 credits

LHO 105	Landscape Design Basics	3
LHO 108	Weed Identification & Management	2
LHO 111	Greenhouse Operations	3
LHO 140	Introduction to Arboriculture	3

RELATED INSTRUCTION (11 CREDITS)

MAT 110	Math for Technicians	3
IFS 100	Industrial First Aid	2
ENG 105	English Composition	3
PSY 220	Psychology of Human Relations	3

TOTAL CREDITS 48-49

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

Completion of Certificate Requirements 48-49

TECHNICAL SPECIALTY COURSES

Minimum of 28 credits from one of the 3 specialty areas

Landscape Design & Construction

REQUIRED COURSES

LHO 197	Internship (or equivalent work experience)	2
LHO 201	Career Coaching	1
LHO 236	Advanced Irrigation	4
LHO 238	Maintenance Estimating and Bidding	3
LHO 264	Landscape Design IV	4
LHO 265	Contracts and Specifications	3
LHO 267	CAD for Landscape	3

Choose one Construction Project course

LHO 272	Landscape Construction Project-Fall	4
LHO 273	Landscape Construction Project-Spring	4

SUGGESTED

LHO 250	Small Business Mgt. for Horticulture	3
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Landscape Management

REQUIRED COURSES

LHO 197	Internship (or equivalent work experience)	2-8
LHO 140	Introduction to Arboriculture	3
LHO 155	Pruning	3
LHO 201	Career Coaching	1
LHO 210	Plant Problem Diagnostics	3
LHO 236	Advanced Irrigation	4
LHO 238	Maintenance Estimating and Bidding	3
LHO 250	Small Business Management	3
LHO 266	Contracts & Specifications	3

SUGGESTED ELECTIVES

LHO 105	Landscape Design Basics	3
LHO 112	Nursery Operations	3
LHO 160	Garden Renovation	2
LHO 189	Intro to Landscape Construction	3
LHO 272	Landscape Construction Project-Fall	4

Horticultural Studies

REQUIRED COURSES

LHO 197	Internship (or equivalent work experience)	8
LHO 155	Pruning	3
LHO 201	Career Coaching	1
LHO 210	Plant Problem Diagnostics	3
LHO 215	Plant Propagation	3
	Horticultural electives	10
	Elective credits	6

GENERAL EDUCATION

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS 92-93

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

TECHNICAL SPECIALTY COURSES

Core Curriculum 26 credits

LHO 100	The Landscape Industry	1
LHO 109	Integrated Pest Management*	3
LHO 137	Landscape Management	3
LHO 150	Horticulture Science I	2
LHO 151	Horticulture Science II	2
LHO 152	Soils	3
LHO 135	Intro. to Irrigation & Drainage Systems	3

Select 3 of the following

LHO 115	Fall Plant Identification	3
LHO 116	Winter Plant Identification	3
LHO 117	Spring Plant Identification	3
LHO 119	Native Plants for NW Landscapes	3
LHO 120	Perennial Plant Identification	3

SPECIALTY AREAS

Landscape Design & Construction

Select 11 - 12 credits

LHO 121	Landscape Design I	4
LHO 125	Landscape Design II	4
LHO 262	Landscape Design III	4
LHO 189	Intro to Landscape Construction*	3

**Required to complete an A.A.S. degree.*

Landscape Management

Select 11 - 12 credits

LHO 108	Weed Identification & Management	2
LHO 140	Introduction to Arboriculture	3
LHO 155	Pruning	3
LHO 189	Intro to Landscape Construction	3

Horticultural Studies*Select 11 - 12 credits*

LHO 105	Landscape Design Basics	3
LHO 108	Weed Identification & Management	2
LHO 111	Greenhouse Operations	3
LHO 112	Nursery Operations	3
LHO 140	Introduction to Arboriculture	3

TECHNICAL SPECIALTY COURSES

Minimum of 28 credits from one of the 3 specialty areas

Landscape Design & Construction**REQUIRED COURSES**

LHO 197	Internship (or equivalent work experience)	2
LHO 201	Career Coaching	1
LHO 236	Advanced Irrigation	4
LHO 238	Maintenance Estimating and Bidding	3
LHO 264	Landscape Design IV	4
LHO 265	Contracts and Specifications	3
LHO 267	CAD for Landscape	3

Choose one Construction Project course

LHO 272	Landscape Construction Project-Fall	4
LHO 273	Landscape Construction Project-Spring	4

Suggested

LHO 250	Small Business Mgt. for Horticulture	3
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Landscape Management**REQUIRED COURSES**

LHO 197	Internship (or equivalent work experience)	2-8
LHO 140	Introduction to Arboriculture	3
LHO 155	Pruning	3
LHO 201	Career Coaching	1
LHO 210	Plant Problem Diagnostics*	3
LHO 236	Advanced Irrigation	4
LHO 238	Maintenance Estimating and Bidding	3
LHO 250	Small Business Management	3
LHO 266	Contracts & Specifications	3

SUGGESTED ELECTIVES

LHO 105	Landscape Design Basics	3
LHO 112	Nursery Operations	3
LHO 160	Garden Renovation	2
LHO 189	Intro to Landscape Construction	3
LHO 272	Landscape Construction Project-Fall	4

Horticultural Studies**REQUIRED COURSES**

LHO 197	Internship (or equivalent work experience)	2-8
LHO 155	Pruning	3
LHO 201	Career Coaching	1
LHO 210	Plant Problem Diagnostics*	3
LHO 215	Plant Propagation	3
Horticultural electives		9-15

RELATED INSTRUCTION

IFS 100	Industrial First Aid	2
ENG 101	English Composition	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5

LHO 109 & 210 meet re-certification requirements for Pesticides License Test.*GENERAL EDUCATION**

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS	92-93
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**NURSING:
CERTIFIED NURSING ASSISTANT****(206) 768-6654**

This one-quarter course prepares students for the certification test for an entry-level position in the health care field. It includes 50 hours of actual skills applications at a clinical site.

*For more information on healthcare programs, see www.seattlecolleges.edu/healthcare.***NURSING:
LICENSED PRACTICAL NURSE****(206) 768-6654**

Students are admitted into this program on a competitive basis. Read details of the application process at <http://www.southseattle.edu/nursing>. Students may build on what they learned in the Certified Nursing Assistant (CNA) course in this three quarter program. Upon successful completion of the program, students are qualified to take the Washington Practical Nurse state examination to become a LPN.

*For more information on healthcare programs, see www.seattlecolleges.edu/healthcare.***PREREQUISITES****CNA Certificate**

ANP 213	Anatomy and Physiology I	5
BIO 280	Microbiology	5
CHE 101	Chemistry	5
ENG 101	Composition	5
MAT 102	College Algebra	5
NTR 150	Human Nutrition	5
PSY 206	Developmental Psychology	5

Certificate

TECHNICAL SPECIALTY COURSES

NUR 171	LPN I – Fundamentals of Nursing	10
NUR 172	LPN II – Health Promotion with Individuals, Families & Communities	12
NUR 173	LPN III – Medical Surgical Nursing	12
NUR 174	LPN IV – Maternal Child Nursing	12
TOTAL CREDITS		81

**OCCUPATIONAL
TEACHER/TRAINER EDUCATION**

Continuing Education
(206) 764-5339

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

SUPERVISION & MANAGEMENT

Continuing Education
(206) 764-5339

Designed for the 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. The program offers practical instruction with an emphasis on current applications and techniques.

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 REQUIREMENTS

SMG 100	Leadership & 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 & Labor Relations	3
SMG 265	Marketing Management	3

RELATED INSTRUCTION

BUS 110	Business Mathematics	5
BUS 131	Integrated Communications I	5
BUS 169	Using Computers in Business I	5
BUS 230	Business Communications	5
PSY 220	Psychology of Human Relations	3

TOTAL CREDITS	55
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Associate of Applied Science Degree (A.A.S.)

Completion of Certificate Requirements	55
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RELATED INSTRUCTION

BUS 101	Intro to Business	5
BUS 235	Oral Communications in Business	5
BUS 250	Business Law	5
SMG 197	Internship or Cooperative Education Experience	5

Choose minimum of 15 credits from the following:

- Accounting
- Computer Science and Technology
- Economics, Trainer Education
- College Transfer track

TOTAL CREDITS	90-95
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Associate of Applied Science Transfer Degree (A.A.S.-T)

TECHNICAL SPECIALTY REQUIREMENTS

BUS 101	Intro to Business	5
BUS 169	Using Computers in Business I	5
-OR-		
CSC 100	Beginning Computers	5
BUS 230	Business Communications	5
BUS 235	Oral Communications in Business	5
BUS 250	Business Law	5
SMG 100	Leadership & 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	6-11
SMG 210	Project Management	3
SMG 217	Organizational Behavior	3
SMG 220	Personnel Performance Management	3
SMG 222	Management & Labor Relations	3
SMG 265	Marketing Management	3

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5

Choose a concentration from the following (minimum 17-20 credits):

- Accounting
- Computer Science and Technology
- Economics, Trainer Education
- College Transfer track

TOTAL CREDITS	90-95
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TRUCK DRIVING, COMMERCIAL

Technical Education Division
(206) 764-5394

The Commercial Truck Driver training program provides training for over-the-road truck drivers, local drivers, dispatchers and inner-city bus drivers. Students learn technical aspects of driving various sizes and combinations and gain the knowledge and skills needed to operate today's highly sophisticated commercial vehicles. Students use a truck simulator on campus as well as perform actual range and road driving in various commercial vehicles.

The 15-week program includes 360 hours of training. Instruction is conducted daily Monday through Friday. Training hours are from 7:00 a.m. to 1:30 p.m. Requirements for enrollment are: a valid State of Washington state driver's license, a Department of Transportation (DOT) physical examination (form available from local state of Washington Department of Licensing), Commercial Driver Licensing (CDL) learner's permit endorsement, and a copy of the student's driver's license abstract.

Certificate

TECHNICAL SPECIALTY COURSES

CTD 138	Basic Fundamentals of Commercial Vehicle Driving	24
Total Credits		24

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

TECHNICAL SPECIALTY COURSES

CTD 131	Fundamentals of Commercial Truck Driving. . .	18
CTD 132	Basic Driver Training	7
CTD 133	Advanced Driver Training I	7
CTD 136	Heavy-duty Mechanics Basic Driver Training	10

Plus a minimum of 13 credits from the following:

HDM 102	Basic Electrical & Electronics	6
HDM 103	Intro to Truck & Trailer Maintenance	3
HDM 104	Batteries, Generators & Alternators	5
HDM 105	Truck & Trailer Preventative Maintenance	4
HDM 106	Cranking and Lighting Systems	5
HDM 109	Truck & Trailer Repair	4

RELATED INSTRUCTION

ICT 103	Applied Computers	2
MAT 110	Applied Math for Technicians	3
ENG 105	Applied Composition	3
ENG 106	Technical Writing	3
PSY 220	Psychology of Human Relations	3

Plus a minimum 11 credits from at least two of the following areas:

- Business & Office
- Science & Mathematics
- Supervision & Management
- Technical Specialty

ELECTIVE COURSES

A minimum of 10 credits in two of these areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

TOTAL CREDITS	90
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WELDING FABRICATION TECHNOLOGY

Technical Education Division
(206) 764-5394 & (206) 764-5352

Metal fabrication and welding are stock tools of many trades. In U.S. industry, the demand for trained weld fabricators continues to rise in the small shop setting. The range of job opportunities and skill needs is diverse, including blueprint reading, layout, cutting and fitting parts, tack and production welding, finishing and material handling.

Training includes all facets of welding and fabrication operations including blueprint reading, planning operation sequence, applying knowledge of geometry, heat effects and metal properties, layout, positioning, fitting, welding and material handling. Computer training is included so that WFT graduates can program and operate state-of-the-art computer-controlled machinery. Special projects are also offered for the journey-level weld fabricator desiring to update skills and certification.

Graduates are prepared for positions such as weld fabricators, shop supervisors, estimators and shop owners in boatbuilding, automotive, machine fabrication, commercial fishing gear, piping systems, and building construction and maintenance.

Certificate

TECHNICAL SPECIALTY COURSES

WFT 100	Welding Processes & Applications	2
WFT 101	Use of Power Tools in Welding Fabrication	1
WFT 105	Use of Blueprints in Welding Fabrication	2
WFT 106	Basic Layout Skills	2
WFT 107	Advanced Layout	2
WFT 108	Fabrication Estimating & Layout	3
WFT 109	Development of Welding Procedure	2
WFT 119	Use of the Press Brake in Welding Fabrication	2
WFT 120	Shielded Metal Arc Welding	5
WFT 121	Basic Oxyacetylene Cutting & Joining	5
WFT 122	Air Carbon Arc Cutting Operations	1
WFT 123	The Use of Welding Symbols	2
WFT 124	Gas Metal & Flux Core Arc Welding	5
WFT 125	Flame Shaping as a Forming Method	3
WFT 126	Punching & Shearing	3
WFT 127	Gas Tungsten Arc Welding	5
WFT 128	Fabrication of Aluminum Weldments	5
WFT 129	Weldment Inspection & Evaluation	5
WFT 130	Welding Certification	3

WFT 131	Material Handling	3
WFT 132	Maintenance & Repair Welding Techniques	5
WFT 133	Salvage & Reconstruction of Weldments	5
WFT 134	Use of Heat Treat	5
WFT 135	Submerged Arc Welding	4
WFT 136	Plasma Arc Welding	4
WFT 137	Construction of Welding Location Jigs & Fixtures	4
WFT 139	Employee Rights & Responsibilities	3

RELATED INSTRUCTION

ICT 103	Computer Applications	2
MAT 111	Applied Mathematics I	5
ENG 105	Applied Composition	3
PSY 220	Psychology of Human Relations	3
TOTAL CREDITS		104

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

Completion of Certificate Requirements	104
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RELATED INSTRUCTION

WFT 138	Advanced Fabrication of Weldments	2
WFT 197	Industry Internship	3
ENG 106	Technical Report Writing	3

ELECTIVE COURSES

A minimum of 5 credits in the following areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies

TOTAL CREDITS	117
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Associate of Applied Science - T Degree (A.A.S.-T)

TECHNICAL SPECIALTY COURSES

CTN 131	Intro to Programming	5
WFT 100	Welding Processes & Applications	2
WFT 101	Use of Power Tools in Welding Fabrication	1
WFT 105	Use of Blueprints in Welding Fabrication	2
WFT 106	Basic Layout Skills	2
WFT 107	Advanced Layout	2
WFT 108	Fabrication Estimating & Layout	3
WFT 109	Development of Welding Procedure	2
WFT 119	Use of the Press Brake in Welding Fabrication	2
WFT 120	Shielded Metal Arc Welding	5
WFT 121	Basic Oxyacetylene Cutting & Joining	5
WFT 122	Air Carbon Arc Cutting Operations	1
WFT 123	The Use of Welding Symbols	2
WFT 124	Gas Metal & Flux Core Arc Welding	5
WFT 125	Flame Shaping as a Forming Method	3
WFT 126	Punching & Shearing	3
WFT 127	Gas Tungsten Arc Welding	5

WFT 128	Fabrication of Aluminum Weldments	5
WFT 129	Weldment Inspection & Evaluation	5
WFT 130	Welding Certification	3
WFT 131	Material Handling	3
WFT 132	Maintenance & Repair Welding Techniques	5
WFT 133	Salvage & Reconstruction of Weldments	5
WFT 134	Use of Heat Treat	5
WFT 135	Submerged Arc Welding	4
WFT 136	Plasma Arc Welding	4
WFT 137	Construction of Welding Location Jigs & Fixtures	4
WFT 138	Advanced Fabrication of Weldments	2
WFT 139	Employee Rights & Responsibilities	3
WFT 140	Industry Internship	6

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5

GENERAL EDUCATION

A minimum of 5 credits in the following areas:

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies

TOTAL CREDITS	124
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WINE INDUSTRY TRAINING

Culinary Arts
(206) 764-5344

The program provides introductory and professional development classes relating to the wine industry. Options include the following: Winemaking (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 will prepare individuals for a career in the wine industry, or provide advanced skill training for those already employed in the industry. Must be 21 years or older to apply.

Wine Making**Certificate****TECHNICAL SPECIALTY**

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

RELATED INSTRUCTION

CHE 101	Introduction to Chemistry	5
ENG 101	Composition	5
MAT 102	College Algebra	5
PSY 110	General Psychology	5

TOTAL CREDITS	59
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Wine Marketing & Sales**Certificate****TECHNICAL SPECIALTY**

WIN 101	Intro to Enology	3
WIN 121	Introduction to Viticulture	3
WIN 123	Sensory Evaluation	3
WIN 131	Intro to Washington Wines	3
WIN 132	Wine History & Appreciation	3
WIN 133	Intro to Wines of the World	3
WIN 141	Wine Marketing & Sales	3
WIN 151	Intro to Food & Wine Pairing	2

RELATED INSTRUCTION

BUS 101	Intro to Business	5
CMN 105	Perspectives on Communication	5
ENG 101	Composition	5
MAT 102	College Algebra	5
MKT 100	Marketing Keystone	1
PSY 110	General Psychology	5

TOTAL CREDITS	49
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Food & Wine Pairing

Certificate

TECHNICAL SPECIALTY

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

RELATED INSTRUCTION

ENG 101	Composition	5
MAT 102	College Algebra.	5
PSY 110	General Psychology	5

TOTAL CREDITS		50
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**WORK EXPERIENCE / INTERNSHIP /
COOPERATIVE EDUCATION**

Career Information, Employment Center
and Internship Programs
(206) 764-7935