Mission & Information

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 technical and professional programs which prepare students to succeed in their careers and further their education
- Responsive technical and professional 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.

About the College

South Seattle Community College overlooks downtown Seattle and Elliott Bay from its 87-acre wooded campus in a residential West Seattle neighborhood. Its multicultural student population selects from diverse course offerings, including a broad array of college transfer courses and more than 20 professional-technical programs. Student learning is supported by the high-tech Library that features an “Information Commons” with 100 computer workstations, and learning labs in the Advanced Technology Center.

Real-world experience is emphasized through team-learning projects and portfolio development, or internships and classes with retail customer contact. The award-winning Culinary Arts program has a new teaching and demonstration kitchen and an expanded fine-dining area under development. The six-acre SSCC Arboretum, adjacent to the Seattle Chinese Garden, is a laboratory for Landscape Horticulture students. Student government and other student clubs enjoy use of the Brockey Student Center.

Facts at a Glance*

Annual attendance 2000-2001 ............................................................ 13,911

Fall 2000 Profiles

Students

- Median age ................................................................. 31
- Ethnic diversity ............................................................ 40%
- Male/female ............................................................... 63%/37%
  With bachelor or higher degrees ...................................... 11%
- Employed ................................................................. 68%
  full time .................................................................. 49%
- With dependents ............................................................ 36%
  single parents ............................................................ 9%
- Full-time/part-time attendance ........................................ 40%/60%

Programs

- College Transfer ............................................................... 18%
- Professional/Technical ................................................. 57%
- Basic Skills ................................................................. 21%
- Continuing Education & Other ...................................... 9%

Courses

- State-funded ............................................................... 87%
- Contract-supported ....................................................... 9%
- Student-supported ......................................................... 9%

Special Enrollments

- Distance Learning .......................................................... 246
- Running Start ............................................................... 184
- International Contract ................................................... 92
- Worker Retraining ......................................................... 250

*Source: State Board for Community and Technical Colleges Data Warehouse - 2000-01
STUDENT SERVICES

ACADEMIC & CAREER RESOURCES

Assessment and Testing Services
(206) 764-5349
The Assessment and Testing Services office offers: GED, MOUS, Distance Learning, and college placement testing in ASSET, SLEP, and COMPASS for students and community members. Please call the appointment number for test information and registration. Evening and Saturday testing is also available.

Career Development Services/WorkSource Affiliate Site
(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.

Counseling & 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.

Distance Learning
(206) 764-7930
Distance learning offers an opportunity for students to enroll and complete courses from South Seattle Community College 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.

Students choose distance learning for several reasons: their work or home schedule, a disability or homebound situation, lifestyle, traffic, distance from a college, as a transition for those who have been away from school, because it matches their learning style, or for simple convenience.

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.

For more information, call the Distance Learning office or visit the Web site at: www.seattlecolleges.com/distance. Also, see page 24 of this catalog.

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.

The IRC Media Center
(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.

Campus Library
(206) 764-5395
The South Seattle Community College high-tech Library and Learning Center opened in 2000, nearly doubling the size of the college library. It 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 interlibrary loan network, which enables students to gain access to the materials of other libraries within the Seattle Community College system, as well as from the entire Pacific Northwest.
Special Student 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.

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.

Interpreters are available for the Deaf and hard-of-hearing through the Center for Deaf Students at Seattle Central Community College. The Center works to assist hearing-impaired students with interpreting, counseling and social growth. The Center may be reached by calling (206) 587-4183.

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 on how the college system works and on 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.

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 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.

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. A simple, user-friendly word processing program is available for student use. In addition, a lab technician assists students with the use of computers.
CAMPUS LIFE

Bookstore
(206) 764-5338
The Bookstore is well-stocked with new and used textbooks, general interest books, school supplies and sundries. The Bookstore offers a textbook buy-back service the last week of each school quarter.

Fitness Center
(206) 768-6471
The college’s Fitness Center provides the campus community with an opportunity to promote a healthy lifestyle through classes in weight training, as well as fitness programs and classes such as aerobics. The Fitness Center is located behind the Jerry M. Brockey Student Center. Showers and lockers are available.

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 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 Rainier Room, with more formal dining, offers a full menu at a fixed price. The dining rooms are open for lunch weekdays. Reservations are encouraged.

The Pastry Shop, located in Cascade Court, is a retail sales outlet for cookies, cakes and other pastry offerings prepared by students.

The Snack Bar in the Brockey Center offers hot food and salad items throughout the day.

Housing
(206) 764-5331
On-campus housing is not available. However, a bulletin board 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.

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 Transportation Coordinator in room 50. 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 or, evenings, during the second week of the quarter, in the Bookstore. Daily permits are purchased at the Cashier’s Office or, evenings, in the Bookstore. Carpooling is strongly encouraged. Student carpool applications are available from the Transportation Coordinator in room 50. Many incentives are available, including fuel reimbursement, and discounted passes for parking and buses.

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 Jerry M. Brockey Student Center, room 135.

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.

Personal safety: Each of the campuses in the Seattle Community College District is a unique community where thousands of people work and study. However, as each campus is also open to the public, students should use the same caution as they would in any public place in taking care of personal safety and personal belongings. Helpful campus information and statistics on personal safety are available from the Security Office, as well as other locations around campus.

Policy on drugs: To provide a healthful, safe and secure work and learning environment, each employee and student of the Seattle Community College District is expected to be in an appropriate mental and physical condition to perform assigned duties and fully participate in the learning process. The Policy on Drugs, effects of commonly abused drugs, and resources for assistance are outlined in a brochure available at the Student Services Office and in student orientation packets.

Sexual harassment: Brochures outlining policy and procedures regarding sexual harassment complaints are available through the Student Services Office on campus.
Student Accident Insurance  
(206) 764-5388  
Accident insurance is available to students registered for 6 or more credits. Student insurance must be purchased during the first two weeks of each quarter. The District-wide policy provides broad but comparatively inexpensive coverage.

Student Clubs  
(206) 768-6750  
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. Officer mailboxes are located in the Senate, room 131.

Student Newspaper / The Sentinel  
(206) 764-5333  
The Sentinel is written, edited, and published every two weeks for and by South students. A governing board sets policy guidelines. Students who are interested in joining the editorial or production staff, should contact The Sentinel, located in the Student Life Office, room 119 of the Jerry M. Brockey Student Center. For more information, to submit a story idea, or to place a classified ad, contact The Sentinel or visit the Web site at sentinel@sccd.ctc.edu.

BEYOND THE CAMPUS

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 at South Seattle Community College. 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.

Western Washington University at South Seattle Community College  
(206) 768-6703  
Western Washington University’s Extended Education and Summer Programs offers a post-baccalaureate Elementary Teacher Certification (K-8) Program from classrooms at South Seattle Community College, with some classes available through distance learning. On-campus classes are scheduled three to four times a week during the evening. Contact the program office for more information.
**SPECIAL PROGRAMS & SERVICES**

**Career Development Services**  
**WorkSource Affiliate Site**  
(206) 764-5304  
This comprehensive center offers a full spectrum of services to students and the community. Experienced career professionals assist job seekers and undecided students with career decision-making and job search techniques. Weekly workshops offer instruction on resume writing, interviewing skills and career exploration. Multiple computer stations are equipped with the computerized career exploration system and Internet capability to research companies and search for jobs online. Vocational testing is available online for a fee. Community partners located in the center provide tuition assistance for eligible individuals. New jobs are continually listed from a wide variety of employers.

**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 preschool 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.

**Dedicated TTY Line**  
(206) 764-5845  
Deaf and hard-of-hearing students can call this number for registration and information assistance. Students can make outgoing calls at several TTY-equipped pay telephones on campus.

**ESL/College Bridge 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.

**International Student Services**  
(206) 764-5360  
e-mail: ip@sccd.ctc.edu  
web site: southseattle.org/international  
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.

**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.

**Upward Bound**  
(206) 768-6676  
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 activities.

The goal of Upward Bound is to maximize students’ potential for graduation from high school and subsequent college enrollment. The program works closely with students, parents, and the high schools to help guide each student in developing a strong sense of self and in acquiring the tools necessary for a successful college experience.

**Veterans’ Affairs**  
(206) 764-5811  
This office provides services and referrals for veterans. For additional information, see “Financial Assistance for Veterans” on page 11.

**WorkFirst/Worker Retraining Program**  
(206) 768-6623  
WorkFirst offers short-term job training in technical education programs such as healthcare, transportation, information technology and manufacturing technology. TANF recipients receive tuition assistance for jobs skills training. Worker Retraining assists unemployed and dislocated workers, displaced homemakers, and the self-employed who are out of work to gain new skills in order to return to the workforce in competitive wage jobs.
STUDENT LEARNING OUTCOMES

General Education Requirements
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.

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

2. 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).

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

4. CRITICAL THINKING & PROBLEM SOLVING
   Think critically in evaluating information, solving problems and making decisions.

5. TECHNOLOGY
   Select and use appropriate technological tools for personal, academic and career tasks.

6. 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.

7. 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.
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 an A.A. or A.S degree.

See pages 16 for college transfer course requirements to attain an A.A., A.A.S.-T. or A.S. degree.

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
- Philosophy
- English
- Environmental Science
- General/Biological Science
- Geography
- Psychology
- Global Studies
- History
- Human Biology
- Humanities/Sociology
- Individuals & Societies
- Journalism

Language & Speech
- Language of Science (The)
- Languages & Literature
- Literature/History of Ideas
- Living World (The)
- Music
- Natural World (The)
- Physical Science
- Physical World (The)
- Political Science
- Science, Technology & the Environment
- Social Science
- United States Cultures
- Visual, Literary & Performing Arts

ASSOCIATE OF SCIENCE
TRANSFER PRE-MAJOR PROGRAM

This two-year Associate of Science degree program is designed for those who intend to pursue bachelors, masters, or doctorate degrees in the following areas:

- Atmospheric Sciences
- Biological Sciences
- Chemistry
- Computer Science
- Engineering
- Medicine
- Pharmacy
- Physics

BASIC REQUIREMENTS 20
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 a counselor at South before preparing their academic plan.

ASSOCIATE OF ARTS/
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 South Seattle Community College Advising office for details.
Basic Studies Programs

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.

Adult Basic Education (ABE) enables adults to improve basic reading, writing and math skills.

English as a Second Language (ESL) classes help non-native speakers communicate in English, increase their understanding of American culture, become employed, and continue their studies.

General Education Development (GED) preparation is an opportunity for adults who have not graduated from high school to earn a certificate that is the equivalent of a high school diploma.

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

High school completion offers students who have not completed work for a high school diploma two options for earning a diploma.

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.

See course descriptions under Adult Basic Education for details.

English as a Second Language

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 are free (pre-literate to intermediate levels). Coursework emphasizes 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.

Developmental ESL

Pre-college level courses require payment of 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 conversion outside of the classroom.

Computer based programming, reading, writing, grammar and vocabulary development are also available.

General Education Development Preparation

GED 051, 052, 054  GED Test Preparation .............................................. 0

Students may demonstrate that they have reached an education level equal to a high school diploma by taking the 5 GED tests. To prepare for these tests, the Seattle Community Colleges offers these 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.

No tuition is charged for these classes.

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. The basic requirements for each of these options are listed on the next page, but 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.

According to Washington State Law (WAC 180-51-035): “A student shall have the right to graduate in accordance with the standards in effect for the school of graduation for any year since such student commenced the ninth grade unless more than ten years has passed since such entry. In such case, the student shall have the right to graduate in accordance with the standards in effect for the school of graduation for any year within the last ten years.” Prerequisite: Qualifying score on the SLEP or BEST tests. Continued on next page.
OPTION A:
Standard High School Diploma
(95 college credits)
A high school diploma may be earned by completing 95 college credits, including required and approved elective courses. Transfer credit may be approved for courses completed at other institutions; the final course must be taken at South and a minimum GPA of 2.0 must be achieved.

Students who have not completed high school and are age 19 or older may enroll in this option at a reduced tuition rate. Students 18 or younger must pay tuition.

REQUIRED COURSES
A number of other courses may be substituted for these requirements. Obtain a copy of "Requirements for the High School Diploma" from a counselor or advisor for these substitute courses.

NOTE: A 5-credit class is equal to one year of study in high school.

ENG 040 Composition I ...................................................... 5
ENG 041 Composition II ...................................................... 5
ENG 042 Composition III ...................................................... 5
Fine Arts (DRA 100, MUS 100, ART 100, or other approved courses) ...................................................... 5
HIS 035 United States History I .............................................. 5
HIS 036 United States History II ............................................ 5
HIS 037 Wash. State History (or satisfaction of requirement) .... 3-5
POL 022 Contemporary World Problems, World History, or World Geography .................. 5
MAT 080 Pre-Algebra, Algebra I, or math class at student’s placement level ................................. 10

Students should contact the High School Completion Counselor at (206) 764-5805 for an appointment to select courses to complete their high school diploma. (It is strongly recommended that at least one course be algebra if the student is college-bound.)

Science ................................................................. 10
To complete the science requirement, the student may take any two science courses (one of which must be a lab science) for which prerequisites have been met. Choice includes SCI 090 and SCI 100.

Occupational Education (any vocational class) .................. 5
Physical Education (may be waived with permission) ........ 2
Health 025 ............................................................. 5

TOTAL REQUIRED CREDITS ................................. 70-72
TOTAL ELECTIVE CREDITS ................................. 23-25
TOTAL CREDITS .................................................. 95

OPTION B:
Associate Degree Conversion Diploma
Upon successful completion of the Associate of Arts (A.A.) degree and the following additional courses, the student may be granted a high school diploma in addition to the A.A. degree.

HIS 035 U.S. History I .......................................................... 5
HIS 036 U.S. History II .......................................................... 5
HIS 037 Wash. State History (or satisfaction of requirement) .... 3-5

Transfer credit may be granted for equivalent courses completed at other institutions, but at least 20 quarter hours of credit, with a minimum grade point average of 2.0, must be taken at one of the Seattle Community Colleges. Final quarter courses must be at the campus awarding the diploma.

SUBSTITUTE COURSES
Several pre-college transfer and college transfer courses may be substituted for required high school courses. Students who want to earn college credit while fulfilling high school graduation requirements should consult with the Advising Center or high school completion program director.

ELECTIVE COURSES
Elective courses may be selected from the high school completion program and the following areas: vocational, general studies (liberal studies) and college preparatory courses in math and English.

Work experience may also qualify for credit. Credits may be granted upon proof of satisfactory employment (45 hours = 1 high school credit or 5 college credits).

NOTE: This option is not automatic, and procedures vary.

PRE-COLLEGE COURSES
Many students entering college or returning after some time away from studies need additional work to prepare for college-level courses. For these students, the Seattle Community Colleges offer a series of courses in English, mathematics and human development. Placement in one or more of these courses is determined by performance on 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. Call (206) 768-6600 for more information about these courses.
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 including: 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 Web site at www.corporatetrainingconnection.com.

Financial Planning (affiliate of the College for Financial Planning)  
(206) 764-5339
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 their professional career as a financial planner and 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.

Information Technology/Computer Applications  
(206) 768-6700
A variety of non-credit IT and computer application classes are offered throughout the year including MCSE, A+, Net+, Cisco, Word, Excel, PowerPoint, Flash, Photoshop, etc.

Lifelong Learning Classes  
(206) 764-5339 & (206) 768-6782
(NON-CREDIT AND NON-GRADED CLASSES)
Lifelong learning classes are non-credit courses that focus on personal enrichment. An array of short-term courses are offered in such fields as ceramics and pottery, languages and culture, gardening and floral design, food and wine, health and wellness, career planning, business basics, family and financial planning and small applications (see section on Information Technology/Computer Applications). New classes, including online classes, are developed throughout the year.

Senior Adult Education  
(206) 764-5363
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, at the New Holly site, 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 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.
**DUWAMISH TRAINING CENTER**

**Duwamish Industrial Education & Apprenticeship Center**  
**(206) 764-5350**

The South Seattle Community College Duwamish Industrial Educational Center, located at 6770 East Marginal Way South, serves the business and industrial community through programs in apprentice-related training, flagging certification and industrial first aid. It is also home to the South Seattle Community College Small Business Development Center and the Home & Family Life and Parent Education programs.

**Apprentice Training**

More than 1,500 apprentices from over 20 different trades attend classes weekdays, evenings and Saturdays at the South Seattle Community College Duwamish Center. They hone skills and knowledge while satisfying the requirements of various apprenticeship programs leading to journeylevel status. The apprenticeship programs usually last three to five years. General requirements include that participants be 18 years of age; possess a valid driver's license; and go through a selection 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 the following Joint Apprenticeship Committees to provide related and support courses for apprentices and journeylevel in the following areas:

<table>
<thead>
<tr>
<th>Trade/Industry</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boeing Machinists (Boeing Employees)</td>
<td>(253) 351-1392</td>
</tr>
<tr>
<td>Boilermakers</td>
<td>(206) 624-4707</td>
</tr>
<tr>
<td>Carpet, Tile, &amp; Resilient Floorcovering</td>
<td>(425) 235-1441</td>
</tr>
<tr>
<td>Cement Masons</td>
<td>(206) 441-9386</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>(206) 766-9050</td>
</tr>
<tr>
<td>Glaziers &amp; Glassworkers</td>
<td>(206) 762-7001</td>
</tr>
<tr>
<td>Ironworkers</td>
<td>(206) 244-2993</td>
</tr>
<tr>
<td>Meatcutters</td>
<td>(206) 243-1290</td>
</tr>
<tr>
<td>Northwest Construction Linemen, Power Line Clearance &amp; Tree Trimmers</td>
<td>(503) 253-8202</td>
</tr>
<tr>
<td>Puget Sound Electrical</td>
<td>(425) 228-1777</td>
</tr>
<tr>
<td>Seattle City Light, Electrical Workers</td>
<td>(206) 386-1609</td>
</tr>
<tr>
<td>Sprinkler Fitters</td>
<td>(206) 764-0395</td>
</tr>
<tr>
<td>Western Washington Masonry Trades, Bricklayers, Caulkers, Cleaner, Pointer, Tilesetters</td>
<td>(206) 767-3986</td>
</tr>
<tr>
<td>Western Washington Painting Decorating &amp; Drywall</td>
<td>(206) 762-8332</td>
</tr>
</tbody>
</table>

**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 performing these operations, and minimum delay to the motorist. Mandatory training and certification is required for employment. This six-hour course, based on the Washington State Safety Standards for Construction Work and the Manual on Uniform Traffic Control Devices, is taught by certified instructors. Actual use of traffic control devices and situation application will be included along with the certification examination. This flagging certification is valid for three years in Washington, Oregon and Idaho.

**Parent Education**  
**(206) 764-5802**

South Seattle Community College's Home & Family Life Department offers classes in parent education throughout the West Seattle and Vashon Island communities. Parents enroll in a non-credit course titled “Parent Education Child Study Laboratory” while enrolling their child (ages birth to five years old) in a Parent Cooperative Preschool. Course content includes child development, positive guidance, communication, anger management, problem-solving, health and safety, family issues, and group organization and leadership.

Parents develop skills through informal discussions with other enrolled parents and professional teaching staff, as well as:

- practical experiential participation in their child’s preschool lab—one day per week.
- discussion at an evening parenting class—one per month.
- lectures at parent education seminars—minimum of one per quarter.
PROFESSIONAL/TECHNICAL PROGRAMS

AERONAUTICAL TECHNOLOGY

Aviation Maintenance Division
(206) 763-5133

DEGREE MAJORS:
Airframe, Powerplant Technology & Aviation Maintenance

This program provides graduates of recognized airframe and powerplant programs and experienced FAA-certified mechanics the opportunity to expand their knowledge and training, and earn an Associate of Applied Science degree. The degree requires FAA 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 FAA airframe and powerplant program and/or experienced aircraft mechanics who are FAA-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.

Special Requirements for Admission

Integrity of the program requires that students must have a high school diploma or a GED certificate before entering the A.A.S. Aeronautical Technology program.

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 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 components may be taken separately. For increased employment opportunities, however, completion of both components is highly recommended.

Either a GED or high school diploma is required by SSCC before a certificate of completion can be awarded; students may complete this requirement at South while they are enrolled in the Aviation Program.

Students may qualify for advanced program placement if they provide acceptable documentation from any FAA-certified airframe and powerplant program and meet the course challenge requirements.

The aviation maintenance airframe and powerplant curriculum is approved by the FAA (Air Agency Certificate #HQ5T996N).

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

COMPLETION OF CERTIFICATE REQUIREMENTS IN AVIATION MAINTENANCE AIRFRAME & POWERPLANT PROGRAMS

TOTAL CREDITS 117

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 already in the Aviation Maintenance Airframe & Powerplant Certificate program.

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

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

TOTAL CREDITS 120

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

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 advancement into 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 ................................... 9
ABR 122 Working w/Trim & Hardware ........................................... 9
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
## PROFESSIONAL / TECHNICAL PROGRAMS

### SOUTH RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>ENG 105*</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>ICT 103</td>
<td>Microcomputer Applications</td>
<td>2</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

* 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

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>ABR 197</td>
<td>Internship I</td>
<td>4</td>
</tr>
<tr>
<td>ABR 297</td>
<td>Internship II</td>
<td>2</td>
</tr>
</tbody>
</table>

TOTAL CREDITS **139**

## AUTOMOTIVE TECHNOLOGY

### Automotive Technology Training Center

**Phone:** (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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUT 100</td>
<td>Basic Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUT 102</td>
<td>Advanced Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUT 104</td>
<td>Automotive Electronics</td>
<td>4</td>
</tr>
<tr>
<td>AUT 106</td>
<td>Basic Power Accessories</td>
<td>4</td>
</tr>
<tr>
<td>AUT 110</td>
<td>Clutches, Driveline and Half Shafts</td>
<td>3</td>
</tr>
<tr>
<td>AUT 112</td>
<td>Manual Transaxles</td>
<td>4</td>
</tr>
<tr>
<td>AUT 114</td>
<td>Manual Transmissions, Transfer Cases &amp; Drive Axles</td>
<td>4</td>
</tr>
<tr>
<td>AUT 116</td>
<td>Air Conditioning &amp; Heating</td>
<td>4</td>
</tr>
<tr>
<td>AUT 118</td>
<td>Automatic Trans., Diagnosis &amp; Service</td>
<td>8</td>
</tr>
<tr>
<td>AUT 120</td>
<td>Advanced Automatic Transmission Service</td>
<td>8</td>
</tr>
<tr>
<td>AUT 122</td>
<td>Steering &amp; Suspension</td>
<td>4</td>
</tr>
<tr>
<td>AUT 124</td>
<td>Tires and Wheel Alignment</td>
<td>4</td>
</tr>
<tr>
<td>AUT 126</td>
<td>Basic Brake Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUT 127</td>
<td>Advanced Brake Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUT 128</td>
<td>Basic Auto Engines, Gas &amp; Diesel</td>
<td>4</td>
</tr>
<tr>
<td>AUT 130</td>
<td>Auto Engines in Cars</td>
<td>4</td>
</tr>
<tr>
<td>AUT 132</td>
<td>Auto Engines, Remove &amp; Replace</td>
<td>4</td>
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<tr>
<td>AUT 136</td>
<td>Minor Tune-Up Procedures</td>
<td>4</td>
</tr>
<tr>
<td>AUT 138</td>
<td>Fuel System Servicing</td>
<td>4</td>
</tr>
<tr>
<td>AUT 140</td>
<td>Engine Computer Inputs &amp; Outputs</td>
<td>4</td>
</tr>
<tr>
<td>AUT 142</td>
<td>Emission Controls &amp; Diagnostic Test Equipment</td>
<td>4</td>
</tr>
<tr>
<td>MVM 100</td>
<td>Intro to Automotive</td>
<td>3</td>
</tr>
<tr>
<td>WFT 110</td>
<td>Motor Vehicle Welding Fabrication</td>
<td>3</td>
</tr>
</tbody>
</table>

### RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG 105*</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>ICT 103</td>
<td>Computer Applications</td>
<td>2</td>
</tr>
<tr>
<td>MAT 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

* Indicates a testing prerequisite, permission only.

TOTAL CREDITS **107**
Associate of Applied Science Degree (A.A.S.)

COMPLETION OF CERTIFICATE REQUIREMENTS

RELATED INSTRUCTION

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

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

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

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

TOTAL CREDITS 125

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 110*</td>
<td>Intro to Accounting/Bookkeeping I</td>
<td>5</td>
</tr>
<tr>
<td>ACC 111</td>
<td>Intro to Accounting Computer Applications I</td>
<td>3</td>
</tr>
<tr>
<td>ACC 120**</td>
<td>Intro to Accounting/Bookkeeping II</td>
<td>5</td>
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<tr>
<td>ACC 121</td>
<td>Intro to Accounting Computer Applications II</td>
<td>3</td>
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<tr>
<td>ACC 257</td>
<td>Business Tax Accounting</td>
<td>5</td>
</tr>
<tr>
<td>BUS 104</td>
<td>Keyboarding</td>
<td>3</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 106</td>
<td>Keyboarding/Skillbuilding</td>
<td>3</td>
</tr>
<tr>
<td>BUS 115</td>
<td>Computational Skillbuilding</td>
<td>2</td>
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<tr>
<td></td>
<td>*ACC 210 may be substituted for ACC 110.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>**ACC 220 may be substituted for ACC 120.</td>
<td></td>
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</table>

RELATED INSTRUCTION

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>BUS 101</td>
<td>Intro to Business</td>
<td>5</td>
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<tr>
<td>BUS 116</td>
<td>Business Mathematics/Spreadsheets</td>
<td>5</td>
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<tr>
<td>BUS 169</td>
<td>Using Computers in Business I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
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<td>- OR -</td>
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<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
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<tr>
<td>BUS 230</td>
<td>Business Communications</td>
<td>5</td>
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<tr>
<td>ENG 102</td>
<td>Composition</td>
<td>5</td>
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<tr>
<td>PSY 110</td>
<td>General Psychology</td>
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<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
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TOTAL CREDITS 54-56
### Associate of Applied Science Degree (A.A.S.)

**COMPLETION OF CERTIFICATE REQUIREMENTS** 54-56

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ACC 214</td>
<td>Accounting Systems</td>
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<td>ACC 230</td>
<td>Fundamentals of Managerial Accounting</td>
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<td>BUS 175</td>
<td>Applied Business Statistics</td>
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<td>OR</td>
<td>BUS 211 Business &amp; Economic Statistics</td>
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<td>OR</td>
<td>BUS 216 Professional Development</td>
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<td>OR</td>
<td>BUS 197 Work Experience-Business</td>
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<td>BUS 235</td>
<td>Oral Communications in Business</td>
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<tr>
<td>BUS 230</td>
<td>Business Law</td>
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<td>OR</td>
<td>BUS 200 Intro to Law</td>
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<tr>
<td>CTN 104</td>
<td>Spreadsheets I</td>
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<tr>
<td>OR</td>
<td>BUS 180 Information Technology I</td>
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**RELATED INSTRUCTION**

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECO 200</td>
<td>Principles of Economics &amp; Microeconomics</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td>ECO 201 Principles of Economics &amp; Macroeconomics</td>
<td>5</td>
</tr>
</tbody>
</table>

*Select two of the following courses (6-10 credits):*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 170</td>
<td>Information Technology I</td>
<td>4</td>
</tr>
<tr>
<td>BUS 181</td>
<td>Intro to Desktop Publishing/PageMaker</td>
<td>5</td>
</tr>
<tr>
<td>CTN 120</td>
<td>Databases I</td>
<td>5</td>
</tr>
<tr>
<td>SMG 100</td>
<td>Leadership &amp; Supervision</td>
<td>3</td>
</tr>
<tr>
<td>SMG 103</td>
<td>Supervising a Diverse Workforce</td>
<td>3</td>
</tr>
<tr>
<td>SMG 120</td>
<td>Hiring Personnel</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS** 100-106

---

### Business Information Technology Certificate

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.

**REQUIRED COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 112</td>
<td>Multicultural Issues in the American Workplace</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td>BUS 113 Diversity Issues in Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 116</td>
<td>Business Math/Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 132</td>
<td>Integrated Communications II</td>
<td>5</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Customer Relations</td>
<td></td>
</tr>
<tr>
<td>BUS 170</td>
<td>Information Technology I</td>
<td>4</td>
</tr>
<tr>
<td>BUS 171</td>
<td>Information Technology II</td>
<td>4</td>
</tr>
<tr>
<td>BUS 172</td>
<td>Information Technology III</td>
<td>4</td>
</tr>
<tr>
<td>BUS 182</td>
<td>Information &amp; Database Management</td>
<td>5</td>
</tr>
<tr>
<td>BUS 197</td>
<td>Work Experience: Business</td>
<td>3-5</td>
</tr>
<tr>
<td>BUS 216</td>
<td>Professional Development</td>
<td>5</td>
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</tbody>
</table>

**TOTAL CREDITS** 48-52

---

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

**COMPLETION OF CERTIFICATE REQUIREMENTS** 48-52

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 110*</td>
<td>Intro to Accounting/Bookkeeping I</td>
<td>5</td>
</tr>
<tr>
<td>ACC 111</td>
<td>Intro to Accounting Computer Applications I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 175</td>
<td>Applied Business Statistics</td>
<td>5</td>
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<tr>
<td>OR</td>
<td>BUS 210 Business &amp; Economic Statistics</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td>MAT 240 Elementary Statistics</td>
<td>5</td>
</tr>
<tr>
<td>BUS 230</td>
<td>Business Communications</td>
<td>5</td>
</tr>
<tr>
<td>BUS 235</td>
<td>Oral Communications in Business</td>
<td>5</td>
</tr>
</tbody>
</table>

*ACC 210 may be substituted for ACC 110.

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>BUS 169</td>
<td>Using Computers in Business I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 250</td>
<td>Business Law</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td>BUS 200 Intro to Law</td>
<td>5</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td>PSY 220 Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**ELECTIVE COURSES**

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

**TOTAL CREDITS** 94-100
Medical Office Clerk
Certificate
The Medical Office Clerk certificate program prepares individuals to work in a variety of medical office facilities including hospitals, clinics, physician, dental, optical, chiropractic, physical therapy, 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.
Prereq: Enter program with 25 wpm keyboarding skills, or enter BUS 104 first.

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 and Insurance Processing ....................... 5
AHE 168 Medical Terminology ..................................................... 5
BUS 170 Information Technology I .............................................. 4
BUS 171 Information Technology II ............................................. 4
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 63-65

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 ............................................... 3
MAT 112 Applied Mathematics II ............................................... 3
ENG 105* Applied Composition ................................................ 3
PSY 220 Psychology of Human Relations .................................... 3

* Indicates a testing prerequisite, or by instructor permission.

TOTAL CREDITS 46

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 I .................................................. 2
Computing Technology

Technical Education Division
(206) 764-5365

The Computing Technology program at South Seattle Community College is designed to provide students 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. Three associate’s degree programs are offered, which may be completed in approximately two years.

LAN Applications/Help Desk

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

This program teaches students how to diagnose and correct software implementation problems. The curriculum includes common software programs used in business. Graduates often go on to become help technicians working for software engineering firms and related support companies.

Technical Specialty Courses

CSC 100 Beginning Computers .................................................. 5
CSC 101 Intro to Operating Systems ........................................... 5
CSC 141 Operating Systems II ..................................................... 5
CSC 142 Operating Systems III ................................................... 5
CSC 170 PC Hardware I ............................................................. 5
CSC 171 PC Hardware II ............................................................ 5
CSC 172 PC Hardware III ........................................................... 5
CSC 270 Local Area Networks I .................................................. 5
CSC 272 Local Area Networks II ................................................ 5
CSC 274 Local Area Networks III ................................................ 5
CSC 276 Local Area Networks IV ................................................. 5
CSC 295 Research Methods and Customer Service ..................... 5

Technical Specialty Electives

Select four of the following

CTN 104 Spreadsheets I ............................................................. 5
CTN 120 Databases I ............................................................... 5
CTN 121 Databases II .............................................................. 5
CTN 131 Intro to Computer Programming ................................. 5
CTN 231 Visual Basic I ............................................................ 5
CTN 197 Computing Internship .................................................. 5

Elective Courses

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

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

NOTE: Students must select courses that support their overall technical objectives. Requires signed approval from Dean of Technology or his designee.

Total Credits

93
Software Engineering

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

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.

TECHNICAL SPECIALTY COURSES

- CTN 131 Intro to Computer Programming ........................................... 5
- CTN 141 Intro to Operating Systems I ................................................... 5
- CTN 142 Operating Systems II ............................................................... 5
- CTN 160 Web Production I ................................................................. 5
- CTN 163 Dynamic Web Publishing I ..................................................... 5
- CTN 231 Visual Basic I ........................................................................ 5
- CTN 250 Visual Basic II ....................................................................... 5
- OR -
- CTN 260 Visual Basic III - Components ............................................. 5
- CTN 236 C/C++ Programming II - Data Structures ............................ 5
- CTN 265 Visual Basic IV – Database Programming ............................. 5
- CTN 266 SQL Server Administration .................................................... 5
- CTN 235 C/C++ Programming I ............................................................ 5
- CTN 270 Local Area Networks I ............................................................ 5
- CTN 280 Software Quality Assurance .................................................. 5
- CTN 290 Structured Analysis and Design ............................................. 5
- CTN 294 Structured Software Implementation ..................................... 5
- CTN 120 Databases I ........................................................................... 5
- CTN 121 Databases II .......................................................................... 5

RELATED INSTRUCTION

ICT 103 Computer Applications ............................................................ 2
MAT 111 Applied Mathematics I ............................................................ 5
MAT 112 Applied Mathematics II ........................................................... 5
PHY 111 Applied Physics (or other Natural Science) .............................. 5
ENG 105 Applied Composition ............................................................... 3
ENG 106 Technical Writing .................................................................... 3
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 106

Network Administration

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

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.

TECHNICAL SPECIALTY COURSES

- CTN 120 Database I ........................................................................... 5
- CTN 121 Databases II ........................................................................ 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 224 Web Server Configuration and Management ....................... 5
- CTN 231 Visual Basic I ....................................................................... 5
- CTN 270 Local Area Networks I ........................................................... 5
- CTN 271 Local Area Networks II ........................................................... 5
- CTN 274 Local Area Networks III .......................................................... 5
- CTN 276 Local Area Networks IV ........................................................... 5
- CTN 282 Cisco I .................................................................................. 5
- CTN 283 Cisco II ................................................................................ 5
- CTN 284 Cisco III ............................................................................... 5
- CTN 197 Computing Internship ........................................................... 3

RELATED INSTRUCTION

ICT 103 Computer Applications ............................................................ 2
MAT 111 Applied Mathematics I ............................................................ 5
PHY 111 Applied Physics .................................................................... 5
ENG 105 Applied Composition ............................................................... 3
ENG 106 Technical Writing .................................................................... 3
PSY 220 Psychology of Human Relations ............................................. 3

ELECTIVE COURSES

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

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

TOTAL CREDITS 119
# Web Design & Development

## Certificate

### TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTN 120</td>
<td>Databases I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 131</td>
<td>Intro to Computer Programming</td>
<td>5</td>
</tr>
<tr>
<td>CTN 141</td>
<td>Intro to Operating Systems I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 160</td>
<td>Web Production I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 161</td>
<td>Web Production II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 162</td>
<td>Web Production III</td>
<td>5</td>
</tr>
<tr>
<td>CTN 168</td>
<td>Graphics for the Web I</td>
<td>3</td>
</tr>
<tr>
<td>CTN 175</td>
<td>Web Related Careers: An Overview</td>
<td>2</td>
</tr>
<tr>
<td>CTN 164</td>
<td>Multimedia on the Web</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTN 224</td>
<td>Web Server Configuration and Management</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTN 231</td>
<td>Visual Basic I</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTN 184</td>
<td>e-Marketing Tactics and Strategies</td>
<td>3</td>
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</table>

### RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 116</td>
<td>Business Math/Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>ICT 103</td>
<td>Computing Applications</td>
<td>2</td>
</tr>
<tr>
<td>ART 210</td>
<td>Computer Art</td>
<td>4</td>
</tr>
<tr>
<td>ENG 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS**: 50-52

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

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.

### TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTN 120</td>
<td>Databases I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 131</td>
<td>Intro to Computer Programming</td>
<td>5</td>
</tr>
<tr>
<td>CTN 141</td>
<td>Intro to Operating Systems I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 160</td>
<td>Web Production I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 161</td>
<td>Web Production II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 162</td>
<td>Web Production III</td>
<td>5</td>
</tr>
<tr>
<td>CTN 168</td>
<td>Graphics for the Web I</td>
<td>3</td>
</tr>
<tr>
<td>CTN 175</td>
<td>Web Related Careers: An Overview</td>
<td>2</td>
</tr>
<tr>
<td>CTN 197</td>
<td>Computing Internship</td>
<td>3-5</td>
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<tr>
<td>CTN Elective</td>
<td>Electives</td>
<td></td>
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**TOTAL CREDITS**: 108-110

---

## RELATED INSTRUCTION

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS 116</td>
<td>Business Math/Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>ICT 103</td>
<td>Computing Applications</td>
<td>2</td>
</tr>
<tr>
<td>SMG 210</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>ART 210</td>
<td>Computer Art</td>
<td>4</td>
</tr>
<tr>
<td>ENG 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENG 106</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose from one of the following three tracks:

### Multimedia and Design on the Web

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ART 101</td>
<td>Design</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 111</td>
<td>Drawing</td>
<td>5</td>
</tr>
<tr>
<td>CTN 169</td>
<td>Graphics for the Web II</td>
<td>3</td>
</tr>
<tr>
<td>CTN 164</td>
<td>Multimedia on the Web</td>
<td>5</td>
</tr>
<tr>
<td>CTN 205</td>
<td>Multimedia for the Web II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 165</td>
<td>Interface Design</td>
<td>5</td>
</tr>
<tr>
<td>CTN 166</td>
<td>Audio &amp; Video for Multimedia and the Web</td>
<td>5</td>
</tr>
</tbody>
</table>

### Programming for the Web

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTN 231</td>
<td>Visual Basic I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 163</td>
<td>Dynamic Web Publishing I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 204</td>
<td>Dynamic Web Publishing II</td>
<td>3</td>
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<tr>
<td>CTN 250</td>
<td>Visual Basic II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 121</td>
<td>Databases II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 265</td>
<td>Visual Basic IV – Database Programming</td>
<td>5</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTN 202</td>
<td>Web Scripting I</td>
<td>5</td>
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</table>

### System Administration for the Web

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CTN 142</td>
<td>Operating Systems II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 170*</td>
<td>PC Hardware I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 270</td>
<td>Local Area Networks I</td>
<td>3</td>
</tr>
<tr>
<td>CTN 272</td>
<td>Local Area Networks II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 274</td>
<td>Local Area Networks III</td>
<td>5</td>
</tr>
<tr>
<td>CTN 224</td>
<td>Web Server Configuration and Management</td>
<td>5</td>
</tr>
</tbody>
</table>

* CTN 101 is a prerequisite requirement for CTN 170.
COSMETOLOGY

Cosmetology Department
(206) 764-5846
At South, 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 on the face, neck, and scalp; 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 .......... 3
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 Introduction to Accounting/Bookkeeping I .................... 5
BUS 230 Business Communications ......................................... 5
BUS 250 Business Law ............................................................ 5
SMG 100 Leadership & Supervision ........................................... 3

RELATED INSTRUCTION
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 (or natural science)

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, salad bar and delicatessen. Two wait staff dining rooms, The Café Alki and The Rainier Room, 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, and catering and institutional food service operations.

Catering & Banquet Operations

Certificate

ENG 106 Technical Writing ....................................................... 3
FSD 100 Food Safety & Sanitation .............................................. 3
FSD 102 Theory 3 ...................................................................... 3
FSD 103 Theory 3 ...................................................................... 3
FSD 104 Theory 1 ...................................................................... 3
FSD 105 Theory 2 ...................................................................... 3
FSD 106 Theory 4 ...................................................................... 3
FSD 108 Operations ................................................................. 3
FSD 110 Food Server 1 ............................................................. 3
FSD 111 Pantry 1 ..................................................................... 3
FSD 112 Food Preparation 1 ..................................................... 3
FSD 113 Purchasing ................................................................. 3
FSD 114 Food Server 4 ............................................................. 3
FSD 115 Inventory ................................................................. 3
FSD 120 Short Order Cookery .................................................. 3
FSD 121 Food Preparation 2 ..................................................... 3
FSD 122 Food Server 2 ............................................................. 3
FSD 124 Food Preparation 3 ..................................................... 3
FSD 130 Pantry 2 ..................................................................... 3
FSD 131 Restaurant Baking 1 .................................................... 3
FSD 133 Sauce 1 ...................................................................... 3
FSD 134 Sauté 1 ...................................................................... 3
FSD 136 Meat Cutting 1 .......................................................... 3
FSD 137 Meat Cutting 2 .......................................................... 3
FSD 138 Garde Manger 1 .......................................................... 3
FSD 140 Food Preparation 4 ..................................................... 3
FSD 143 Food Server 3 ............................................................. 3
FSD 145 Garde Manger 2 .......................................................... 3

TOTAL CREDITS 115
Pastry & Specialty Baking Certificate

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.

ENG 106  Technical Writing ................................................................. 3
ENG 107  Applied Composition ............................................................ 3
FSD 139  Cooking I ............................................................................. 5
FSD 152  Prep Lead ............................................................................. 5
FSD 153  Student Lunch Lead .............................................................. 5
HOS 203  Nutrition ............................................................................ 3
FSD 160  Pastry Lead .......................................................................... 5
FSD 168  Sauce 2 .................................................................................. 5
FSD 169  Pantry Lead .......................................................................... 5
FSD 167  Pastry & Baking Orientation .................................................. 2
FSD 170  Breads I ................................................................................ 5
FSD 171  Breads II ............................................................................... 5
FSD 172  Breads III ............................................................................ 5
FSD 173  French Pastry I ..................................................................... 5
FSD 174  French Pastry II ................................................................... 5
FSD 175  French Pastry III ................................................................. 5
FSD 178  Decorating I ........................................................................... 5
FSD 179  Desserts I ............................................................................. 5
FSD 180  Cakes II ................................................................................. 5
FSD 181  Cakes III ............................................................................... 5
FSD 183  Chocolate I .......................................................................... 5
FSD 184  Decorating II ......................................................................... 5
FSD 185  Petits Fours .......................................................................... 5
FSD 186  Breads IV ............................................................................. 5
FSD 187  Chocolate II .......................................................................... 5
FSD 188  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
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 Associate of Applied Science degree in Catering & Banquet Operations, or Restaurant & Food Service Operations, students must complete the following:

1. Minimum cumulative grade point average of 2.0.
2. Completion of selected Culinary Arts certificate requirements.
3. Completion of an additional 9 credits in general education courses.
   NOTE: Students may select from two of the following three areas: Humanities, Natural Science, or Social Sciences. Six credits of English composition are required.
4. Completion of an additional 6 credits in Related Instruction.
   NOTE: Students may select from accounting, business or computer application courses, or additional Technical Specialty courses (5 credit maximum) not included in certificate requirements.
   *Must have a minimum 2.75 GPA

TOTAL CREDITS 183

To earn an Associate of Applied Science degree in Pastry & Specialty Baking, students must complete the following:

1. Minimum cumulative grade point average of 2.0.
2. Completion of selected Culinary Arts certificate requirements.
3. Completion of an additional 9 credits in general education courses.
   NOTE: Students may select from two of the following three areas: Humanities, Natural Science, or Social Sciences. Six credits of English composition are required.
4. Completion of an additional 6 credits in Related Instruction.
   NOTE: Students may select from accounting, business or computer application courses, or additional Technical Specialty courses (5 credit maximum) not included in certificate requirements.
   *Must have a minimum 2.75 GPA

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 Introduction to Heavy Duty ..................................................... 3
- HDM 107 Hydraulics and Pneumatics ........................................................ 9
- HDM 113 Basic Welding and Cutting – Diesel and Equip Tech ................. 6
- HDM 127 Drive Train ............................................................................. 8
- HDM 128 Basic Gasoline Engines ............................................................ 4
- HDM 138 Steering, Suspension and 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.

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

**COMPLETION OF CERTIFICATE REQUIREMENTS AND TECHNICAL SPECIALTY COURSES**

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

*Requires program advising. Please see a program advisor or counselor for details.

**TOTAL CREDITS** 56

**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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HDM 198</td>
<td>Special Topics HD Mechanical Repair</td>
<td>1-10</td>
</tr>
<tr>
<td>HDM 298</td>
<td>Advanced Special Topics HD Mechanical Repair</td>
<td>1-10</td>
</tr>
</tbody>
</table>
## 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 Technology.

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

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EGR 110</td>
<td>Engineering Orientation</td>
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<tr>
<td>EGR 111</td>
<td>Engineering Design &amp; Creativity</td>
<td>4</td>
</tr>
<tr>
<td>EGR 123</td>
<td>Intro to Engineering Graphics &amp; Design</td>
<td>4</td>
</tr>
<tr>
<td>EGR 124</td>
<td>Engineering Graphics</td>
<td>4</td>
</tr>
<tr>
<td>EGR 142</td>
<td>Computer Programming for Engineers</td>
<td>5</td>
</tr>
<tr>
<td>EGR 210</td>
<td>Engineering Statics</td>
<td>5</td>
</tr>
<tr>
<td>EGR 220</td>
<td>Mechanics of Materials</td>
<td>5</td>
</tr>
<tr>
<td>EGR 298</td>
<td>Special Topics</td>
<td>4</td>
</tr>
<tr>
<td>EGR 299</td>
<td>Independent Study</td>
<td>4</td>
</tr>
<tr>
<td>INT 100</td>
<td>Overview of Manufacturing Processes</td>
<td>3</td>
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<tr>
<td>TDR 126</td>
<td>Space Geometry</td>
<td>3</td>
</tr>
<tr>
<td>TDR 131</td>
<td>Intro to CAD 2-D</td>
<td>3</td>
</tr>
<tr>
<td>TDR 133</td>
<td>Intermediate CAD 2-D</td>
<td>3</td>
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<tr>
<td>TDR 236</td>
<td>Design Project Considerations</td>
<td>1</td>
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<tr>
<td>TDR 237</td>
<td>Design Project I</td>
<td>2</td>
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<tr>
<td>TDR 238</td>
<td>Design Project II</td>
<td>2</td>
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**RELATED INSTRUCTION**

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<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>MAT 123</td>
<td>Pre-Calculus</td>
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<tr>
<td>MAT 124</td>
<td>Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MAT 125</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
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<tr>
<td>PHY 201</td>
<td>General Physics I</td>
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<tr>
<td>PHY 202</td>
<td>General Physics II</td>
<td>5</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>ENG 108</td>
<td>Technical Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**ELECTIVE COURSES**

A minimum of 6 credits in the following areas:

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

**TOTAL CREDITS**

95

## INDUSTRIAL MACHINING TECHNOLOGY

### Technical Education Division

**(206) 764-5365**

As technology changes there is a continuing need for new tools and machinery. To keep up with demands of metal trades industries, the Industrial Machining Technology program provides a comprehensive curriculum using computer numerical controlled (CNC) systems for milling and lathe operations, as well as more traditional methods.

Coursework includes shop organization, planning and safety procedures, interpreting blueprints, and machining high-precision products. After training on computerized systems, the student can program and manufacture detailed parts common to high-tech industries.

Employment opportunities include entry-level machinist positions, tool and die makers, millwrights, tool and cutter grinders, and related jobs. Training leads to skilled positions in production, maintenance and toolroom departments in manufacturing, construction, automotive, aircraft, machinery and metal/plastic product industries.

### Certificate

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>IMT 101</td>
<td>Orientation to Lathe Practices</td>
<td>8</td>
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<tr>
<td>IMT 110</td>
<td>Milling Machine Operations</td>
<td>8</td>
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<tr>
<td>IMT 111</td>
<td>Advanced Milling Machine Operations</td>
<td>8</td>
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<tr>
<td>IMT 119</td>
<td>Intro to Computer Numeric Control Manufacturing</td>
<td>10</td>
</tr>
<tr>
<td>IMT 125</td>
<td>Math Applications in IMT I</td>
<td>3</td>
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<tr>
<td>IMT 126</td>
<td>Math Applications in IMT II</td>
<td>3</td>
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<tr>
<td>IMT 127</td>
<td>Math Applications in IMT III</td>
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**RELATED INSTRUCTION**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CSC 100</td>
<td>Beginning Computers</td>
<td>5</td>
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<tr>
<td>IFS 100</td>
<td>Industrial First Aid &amp; Safety</td>
<td>2</td>
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<tr>
<td>QCT 120</td>
<td>Mechanical Measurement I</td>
<td>3</td>
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<tr>
<td>QCT 215</td>
<td>Quality Control Statistics I</td>
<td>3</td>
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<tr>
<td>TDR 129</td>
<td>Industrial Blueprint Reading</td>
<td>3</td>
</tr>
<tr>
<td>ENG 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENG 106</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>ICT 103</td>
<td>Computer Applications</td>
<td>2</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS**

70
Industrial Manufacturing Technology

Technical Education Division
(206) 764-5365

Industrial Manufacturing Technology at South is designed to provide practical technician-level training in current theory and practices common to all fields of manufacturing technology. These programs are designed to prepare technicians for entry-level positions in the broad field of industrial manufacturing technology.

The general manufacturing program draws from South's various manufacturing-related technical certificate and degree programs. Students are required to complete a common set of technical and related instruction courses to ensure a thorough understanding of manufacturing processes and to prepare them for advanced work in at least one specialty area.

The program utilizes innovative applied academic courses in mathematics, physics, biology, chemistry, humanities, and communication. These courses are integrated with the technical specialty courses to allow students to apply what they are learning in the academic courses to their technical specialties. A mathematics/science-oriented background is highly desirable for students interested in manufacturing technology careers. High school courses should include mathematics and physics or chemistry. Those students entering with applied academics training in high school TechPrep programs may qualify for advanced courses.

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.

Certificate

TECHNICAL SPECIALTY COURSES

LHO 100 The Landscape Industry ........................................................... 1
LHO 109 Plant Health Care ................................................................... 3
LHO 135 Intro to Drainage and Irrigation Systems .................................. 4
LHO 137 Landscape Management ......................................................... 3
LHO 150 Horticulture Science I ............................................................. 2
LHO 151 Horticulture Science II ............................................................ 2
LHO 152 Soils ....................................................................................... 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 Herbaceous Plant Identification ............................................. 3

SPECIALTY AREAS

Select 10 credits from one area:

Design & Construction

LHO 140 Intro to Arboriculture ............................................................. 3
LHO 189 Intro to Landscape Construction .............................................. 3
LHO 121 Landscape Design I ................................................................. 4
LHO 125 Landscape Design II ................................................................. 4
LHO 262 Landscape Design III .............................................................. 4

Landscape Management

LHO 105 Landscape Design Basics ...................................................... 3
LHO 107 Weed Identification ............................................................... 1
LHO 108 Weed Management .............................................................. 1
LHO 111 Greenhouse Operations ........................................................ 3
LHO 140 Intro to Arboriculture ............................................................. 3
LHO 155 Pruning ................................................................................. 3
LHO 189 Intro to Landscape Construction ............................................ 3

Horticultural Studies

LHO 105 Landscape Design Basics ...................................................... 3
LHO 107 Weed Identification ............................................................... 1
LHO 108 Weed Management .............................................................. 1
LHO 111 Greenhouse Operations ........................................................ 3
LHO 112 Nursery Operations .............................................................. 3
LHO 140 Intro to Arboriculture ............................................................. 3
### Associate of Applied Science Degree (A.A.S.)

**COMPLETION OF CERTIFICATE REQUIREMENTS**  
**48**

**TECHNICAL SPECIALTY COURSES**  
Must include a minimum of 26 credits from one of three specialty areas:

#### Design & Construction

**REQUIRED COURSES:**
- LHO 197 Internship (or equivalent work experience) .......................... 2
  Choose one construction project course:
- LHO 272 Landscape Construction Project - Fall ................................. 4
- LHO 273 Landscape Construction Project - Spring ............................. 4

**SUGGESTED:**
- LHO 236 Irrigation Design I .......................................................... 3
- LHO 238 Maintenance Estimating and Bidding .................................. 3
- LHO 264 Landscape Design IV ....................................................... 4
- LHO 265 Landscape Contracts and Specifications ............................. 3
- LHO 266 Landscape Design V .......................................................... 4
- LHO 267 CAD for Landscape I ......................................................... 3
- LHO 250 Small Business Management for Horticulture .................. 3

#### Landscape Management

**REQUIRED COURSES:**
- LHO 197 Internship (or equivalent work experience) ....................... 2-8
- LHO 140 Intro to Arboriculture ...................................................... 3
- LHO 155 Pruning .......................................................................... 3
- LHO 210* Plant Problem Diagnostics ............................................... 3
- LHO 236 Irrigation Design I .......................................................... 3
- LHO 238 Maintenance Estimating and Bidding .................................. 3
- LHO 250 Small Business Management for Horticulture .................. 3

**SUGGESTED ELECTIVES:**
- LHO 105 Landscape Design Basics ............................................... 3
- LHO 265 Landscape Contracts and Specifications ............................. 3
- LHO 272 Landscape Construction Project - Fall ................................ 3
- LHO 299 Special Topics ................................................................. 2-4

### Horticultural Studies

**REQUIRED COURSES:**
- LHO 197 Internship (or equivalent work experience) ....................... 2-8
- LHO 155 Pruning .......................................................................... 3
- LHO 210* Plant Problem Diagnostics ............................................... 3
- LHO 215 Plant Propagation ............................................................. 3
- Horticultural Electives ................................................................. 9-15

**ELECTIVE COURSES**

- Elective Credits ........................................................................... 6

*A minimum of 10 credits in two of the following areas:
- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

**TOTAL CREDITS**  
90

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*LHO 210 meets re-certification requirements for Pesticides License Test.*
OCCUPATIONAL
TEACHER/TRAINER EDUCATION

Continuing Education
(206) 764-5339

A dynamic teacher education program for business and industry professionals planning to teach in vocational and technical education programs in a community or technical colleges or special population settings. Course materials provide skills standards for beginning and experienced industry-based trainers and instructors in accordance with the Washington Administrative Code. State vocational certification available along with a certificate or degree program in occupational teacher education.

NOTE: The OTE program and courses are under review in light of new state skill standards for vocational teachers in accordance with revisions of the Washington Administrative Code. Course titles, content and credit values may vary.

Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>IFS 100+</td>
<td>Industrial First Aid &amp; Safety</td>
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<tr>
<td>OTE 105+</td>
<td>Elements of Instruction</td>
<td>3</td>
</tr>
<tr>
<td>OTE 120*+</td>
<td>Occupational Analysis &amp; Program Planning</td>
<td>3</td>
</tr>
<tr>
<td>OTE 125*+</td>
<td>Course Organization</td>
<td>3</td>
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<tr>
<td>OTE 140</td>
<td>Instructional Materials &amp; Media</td>
<td>3</td>
</tr>
<tr>
<td>OTE 150</td>
<td>Assessment &amp; Evaluation Methods</td>
<td>3</td>
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<tr>
<td>OTE 197</td>
<td>Internship</td>
<td>3</td>
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<tr>
<td>OTE 230+</td>
<td>History &amp; Philosophy of Vocational Education</td>
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</table>

* Offered and taken concurrently as 6 credits.

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>BUS 116</td>
<td>Business Math/Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
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<tr>
<td>BUS 230</td>
<td>Business Communications</td>
<td>5</td>
</tr>
<tr>
<td>BUS 169</td>
<td>Using Computers in Business I</td>
<td>5</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
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<tr>
<td>PSY 110</td>
<td>General Psychology</td>
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TOTAL CREDITS 46-48

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

COMPLETION OF CERTIFICATE REQUIREMENTS 46

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>OTE 170+</td>
<td>Leadership Development Techniques</td>
<td>3</td>
</tr>
<tr>
<td>OTE 197</td>
<td>Internship or Cooperative Education Experience</td>
<td>5</td>
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</tbody>
</table>

ELECTIVE COURSES

Choose 15 credits minimum from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OTE 210</td>
<td>Shop/Lab Project Management &amp; Organization</td>
<td>3</td>
</tr>
<tr>
<td>OTE 225</td>
<td>Needs Assessment/Survey Techniques</td>
<td>3</td>
</tr>
<tr>
<td>OTE 235</td>
<td>Intro to Organization &amp; Administration of Vocational Education</td>
<td>3</td>
</tr>
<tr>
<td>OTE 238</td>
<td>Coordination Techniques for Vocational Education Programs</td>
<td>3</td>
</tr>
<tr>
<td>OTE 240</td>
<td>The Community College</td>
<td>3</td>
</tr>
<tr>
<td>OTE 252</td>
<td>Computer Literacy for Vocational Education</td>
<td>3</td>
</tr>
<tr>
<td>OTE 255</td>
<td>Public Relations for Vocational &amp; Technical Instructors</td>
<td>3</td>
</tr>
<tr>
<td>OTE 270</td>
<td>Conference Leading Techniques</td>
<td>3</td>
</tr>
<tr>
<td>OTE 282</td>
<td>Contemporary Concepts in Vocational Education</td>
<td>3</td>
</tr>
<tr>
<td>OTE 265</td>
<td>Instructional Strategies</td>
<td>3</td>
</tr>
</tbody>
</table>

- PLUS -

OTE 110 Occupational Specialty Assessment 10-35

NOTE: This program includes a self-assessment and a professional development plan (including needed skills and course training) under the new skills standards, a recommended course for all individuals pursuing certification and/or a degree in occupational teacher education.

+ Courses toward completion of the State Vocational Teaching Certificate (post K-12)

TOTAL CREDITS 104
SUPERVISION & MANAGEMENT

Continuing Education
(206) 764-5339

Designed for the middle managers who are 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 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMG 100</td>
<td>Leadership &amp; Supervision</td>
<td>3</td>
</tr>
<tr>
<td>SMG 103</td>
<td>Supervising a Diverse Workforce</td>
<td>3</td>
</tr>
<tr>
<td>SMG 110</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>SMG 120</td>
<td>Hiring Personnel</td>
<td>3</td>
</tr>
<tr>
<td>SMG 197</td>
<td>Internship or Cooperative Education Experience</td>
<td>5</td>
</tr>
<tr>
<td>SMG 210</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>SMG 217</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SMG 220</td>
<td>Personnel Performance Management</td>
<td>3</td>
</tr>
<tr>
<td>SMG 222</td>
<td>Management &amp; Labor Relations</td>
<td>3</td>
</tr>
<tr>
<td>SMG 265</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BUS 110</td>
<td>Business Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 169</td>
<td>Using Computers in Business I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 230</td>
<td>Business Communications</td>
<td>5</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 55

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

COMPLETION OF CERTIFICATE REQUIREMENTS 55

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BUS 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>BUS 235</td>
<td>Oral Communications in Business</td>
<td>5</td>
</tr>
<tr>
<td>BUS 230</td>
<td>Business Law</td>
<td>5</td>
</tr>
<tr>
<td>SMG 197</td>
<td>Internship or Cooperative Education Experience</td>
<td>5</td>
</tr>
</tbody>
</table>

CHOOSE A CONCENTRATION FROM THE FOLLOWING:

A minimum of 15-20 credits

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

TOTAL CREDITS 90-95

TELECOMMUNICATIONS SYSTEMS MANAGEMENT

Technical Education Division
(206) 764-5394

The Telecommunications Systems Management program provides the student with basic knowledge in electronics and various communication systems necessary to enter an industrial position as a telecommunications technician. The rapid changes this industry is currently experiencing will continue into the future. Accordingly, this program prepares the student to enter the market at the proper levels, as well as be positioned for the necessary lifelong learning required to stay in the field. In addition, the student will experience the current level of technology in the various forms of communication that are represented in the marketplace. The coverage of extensive electronics theory, computer technologies, and communications technologies, including analog, digital, audio, data, video, wired and wireless will prepare the graduates for any communications industry opportunity, as well as provide the basic knowledge necessary for ongoing changes in technology.

NOTE: This program is undergoing major revisions. Students should contact the division for information about program requirements.
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTD 138</td>
<td>Basic Fundamentals of Comm. Vehicle Driving</td>
<td>24</td>
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</tbody>
</table>

TOTAL CREDITS 24

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

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTD 131</td>
<td>Fundamentals of Commercial Truck Driving</td>
<td>18</td>
</tr>
<tr>
<td>CTD 132</td>
<td>Basic Driver Training</td>
<td>7</td>
</tr>
<tr>
<td>CTD 133</td>
<td>Advanced Driver Training I</td>
<td>7</td>
</tr>
<tr>
<td>CTD 136</td>
<td>Heavy-duty Mechanics Basic Driver Training</td>
<td>10</td>
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</table>

PLUS:

A minimum of 13 credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HDM 102</td>
<td>Basic Electrical &amp; Electronics</td>
<td>6</td>
</tr>
<tr>
<td>HDM 103</td>
<td>Intro to Truck &amp; Trailer Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>HDM 104</td>
<td>Batteries, Generators &amp; Alternators</td>
<td>5</td>
</tr>
<tr>
<td>HDM 105</td>
<td>Truck &amp; Trailer Preventative Maintenance</td>
<td>4</td>
</tr>
<tr>
<td>HDM 106</td>
<td>Cranking and Lighting Systems</td>
<td>5</td>
</tr>
<tr>
<td>HDM 109</td>
<td>Truck &amp; Trailer Repair</td>
<td>4</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT 103</td>
<td>Applied Computers</td>
<td>2</td>
</tr>
<tr>
<td>MAT 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>ENG 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENG 106</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

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
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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WFT 100</td>
<td>Welding Processes &amp; Applications</td>
<td>2</td>
</tr>
<tr>
<td>WFT 101</td>
<td>Use of Power Tools in Welding Fabrication</td>
<td>1</td>
</tr>
<tr>
<td>WFT 105</td>
<td>Use of Blueprints in Welding Fabrication</td>
<td>2</td>
</tr>
<tr>
<td>WFT 106</td>
<td>Basic Layout Skills</td>
<td>2</td>
</tr>
<tr>
<td>WFT 107</td>
<td>Advanced Layout</td>
<td>2</td>
</tr>
<tr>
<td>WFT 108</td>
<td>Fabrication Estimating &amp; Layout</td>
<td>3</td>
</tr>
<tr>
<td>WFT 109</td>
<td>Development of Welding Procedure</td>
<td>2</td>
</tr>
<tr>
<td>WFT 119</td>
<td>Use of the Press Brake in Welding Fabrication</td>
<td>2</td>
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<tr>
<td>WFT 120</td>
<td>Shielded Metal Arc Welding</td>
<td>5</td>
</tr>
<tr>
<td>WFT 121</td>
<td>Basic Oxyacetylene Cutting &amp; Joining</td>
<td>5</td>
</tr>
<tr>
<td>WFT 122</td>
<td>Air Carbon Arc Cutting Operations</td>
<td>1</td>
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<tr>
<td>WFT 123</td>
<td>The Use of Welding Symbols</td>
<td>2</td>
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<tr>
<td>WFT 124</td>
<td>Gas Metal &amp; Flux Core Arc Welding</td>
<td>5</td>
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<tr>
<td>WFT 125</td>
<td>Flame Shaping as a Forming Method</td>
<td>3</td>
</tr>
<tr>
<td>WFT 126</td>
<td>Punching &amp; Shearing</td>
<td>3</td>
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<tr>
<td>WFT 127</td>
<td>Gas Tungsten Arc Welding</td>
<td>5</td>
</tr>
<tr>
<td>WFT 128</td>
<td>Fabrication of Aluminum Weldments</td>
<td>5</td>
</tr>
<tr>
<td>WFT 129</td>
<td>Weldment Inspection &amp; Evaluation</td>
<td>5</td>
</tr>
<tr>
<td>WFT 130</td>
<td>Welding Certification</td>
<td>3</td>
</tr>
<tr>
<td>WFT 131</td>
<td>Material Handling</td>
<td>3</td>
</tr>
<tr>
<td>WFT 132</td>
<td>Maintenance &amp; Repair Welding Techniques</td>
<td>5</td>
</tr>
<tr>
<td>WFT 133</td>
<td>Salvage &amp; Reconstruction of Weldments</td>
<td>5</td>
</tr>
<tr>
<td>WFT 134</td>
<td>Use of Heat Treat</td>
<td>5</td>
</tr>
<tr>
<td>WFT 135</td>
<td>Submerged Arc Welding</td>
<td>4</td>
</tr>
<tr>
<td>WFT 136</td>
<td>Plasma Arc Welding</td>
<td>4</td>
</tr>
<tr>
<td>WFT 137</td>
<td>Construction of Welding Location Jigs &amp; Fixtures</td>
<td>4</td>
</tr>
<tr>
<td>WFT 139</td>
<td>Employee Rights &amp; Responsibilities</td>
<td>3</td>
</tr>
<tr>
<td>WFT 138</td>
<td>Advanced Fabrication of Weldments</td>
<td>2</td>
</tr>
<tr>
<td>WFT 197</td>
<td>Industry Internship</td>
<td>3</td>
</tr>
<tr>
<td>ENG 106</td>
<td>Technical Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>ICT 103</td>
<td>Computer Applications</td>
<td>2</td>
</tr>
<tr>
<td>MAT 111</td>
<td>Applied Mathematics I</td>
<td>5</td>
</tr>
<tr>
<td>ENG 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS** 104

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

**COMPLETION OF CERTIFICATE REQUIREMENTS** 104

### RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WFT 138</td>
<td>Advanced Fabrication of Weldments</td>
<td>2</td>
</tr>
<tr>
<td>WFT 197</td>
<td>Industry Internship</td>
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<td>ENG 106</td>
<td>Technical Report Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

### ELECTIVE COURSES

A minimum of 5 credits in the following areas:
- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies

**TOTAL CREDITS** 117
**WORK EXPERIENCE/INTERNSHIP/COOPERATIVE EDUCATION**

Career Information, Employment Center and Internship Programs  
(206) 764-5304

Career Link  
(206) 764-7946

South Seattle Community College prides itself on its strong ties to the current workplace through constant relationship of employers, students, and college faculty. Students gain valuable experience and may receive college credit for employment relating to their major course of study.
**OFFICE OF THE PRESIDENT**

JILL WAKEFIELD, Vice President for Instruction (Interim President):
B.A., Central Washington University; M.P.A., University of Washington; Ed.D., Seattle University.

SCOTT REARDEAN, Executive Director of Institutional Advancement:
A.A., Highline Community College; B.A., Seattle University.

ANISSA “CESSA” HEARD-JOHNSON, Director, Diversity & Retention Services:
B.A., San Diego State University; M.A., University of Oregon.

MICHAEL D. MUNSON, Director of Communications:
B.A., Whitman College; M.S., Northwestern University.

KATHRYN VEDVICK, Director, Program Services:
A.A., South Seattle Community College; Central Washington University.

WENDY NAGASAWA, Executive Assistant:
A.A.S., Seattle Central Community College.

**OFFICE OF INSTRUCTION**

WOODY S. AHN, Executive Dean, Technical Education:
B.S., M.S., University of Tennessee; M.Ed., Oklahoma State University.

PINKY DALE, Dean, Apprenticeship & Specialized Training:
B.A., Marylhurst University; M.A. Candidate, Portland State University.

JAMES M. HERNANDEZ, Associate Dean, Aviation:
A.A.S., South Seattle Community College; B.S., Southern Illinois University; Airframe & Powerplant FAA License; Private Pilot, FAA License.

MARSHA BROWN, Institutional Planner:
B.A., Wellesley College; M.A.T., Brown University; Ed.D., Harvard University.

ANNE CHAMBERS, Coordinator, Institutional Research:
B.A., University of Washington.

**ADMINISTRATIVE SERVICES**

KURT R. BUTTLEMAN, Manager (Interim Vice President) of Administrative Services:
B.S., University of Illinois; M.B.A., University of Washington; Ed.D., North Carolina State University.

MATTHEW HORWITZ, Director of Facilities, Planning & Operations:
Coursework, Pratt Institute and Boston Architectural Center.

JAMES LEWIS, Manager, Safety & Security:
A.A., South Seattle Community College.

KRISTIN RIPLEY, Manager, Bookstore:
B.A., University of Rhode Island.

MARY JO WHITE, Dean, Academic Programs:
B.A., Western Washington University; M.L.S., Ph.D., University of Washington.

DENNIS COLGAN, Director, Education Technology:
B.A., California State University.

MARIE COON, Director, Career Link and YO! (Youth Opportunity Initiative at New Holly and High Point):
B.A., University of Michigan.

KATHLEEN KWILINSKI, International Student Manager:
B.A., Seattle University.

GAYLE FLAKUS, Assistant Manager, Duwamish Center:
B.S., Western Washington University.

**STUDENT SERVICES**

KAREN M. FOSS, Vice President, Student Services:
B.A., University of Washington; M.A., Antioch University, Seattle; Community College Vocational Certificate.

ELIZABETH BALDIZAN, Dean, Student Life:
B.A., University of Northern Colorado; M.A., University of New Mexico; Ed.D., University of Nevada, Las Vegas.

KIM MANDERBACH, Dean, Enrollment and Student Services:
B.A., Pitzer College; M.Ed., Seattle University.

ELIZABETH HALE, Associate Dean, Work Source Development and Employment Services:
B.A., M.S.W., University of Washington.

EVERETT BRACKETT, Director, Financial Aid:
B.S., Cascade College, Oregon; B.A., Open Bible College, Iowa; M.A., Chapman University, California.

HENRY JOHNSON, Director, Upward Bound:
B.A., University of Puget Sound; M.Ed., Western Washington University.

DOLORES PEREZ, Director, Educational Talent Search:
A.A., San Juan College; B.A., Fort Lewis College, Colorado.
THE FACULTY

SHERRY NELSON REICHERT, Director, Student Outreach, Admissions and Recruitment:
A.A., Pierce College; B.A., Washington State University; M.Ed., Western Washington University.

MAUREEN SHADAIR, Director, Student Success Services:
B.A., Whitworth College; M.A., Western Washington University.

ROXANNE TILLMAN, Director, Special Student Services:
B.A., M.A., University of Washington.

MARIA ANDERSON, Assistant Director, Financial Aid:
A.A.S., South Seattle Community College.

LISA SEVER, Manager, Early Childhood Program:
B.A., Washington State University.

VIRGINIA SULLIVAN, Manager, Advising and Running Start:
B.A., University of Great Falls.

JAN CAVITT, Career & Employment Specialist:
B.A., Trenton State College; D.P.M., Bristol Poly-Tech, England.

KAREN GALEA, Student Services Specialist, Upward Bound:
B.A., Michigan State; M.Ed., Antioch University, Seattle.

MARCIA KATO, Student Development Specialist, Student Success Services:
B.A., Reed College, Oregon.

MEGAN LARSON, Student Services Specialist, Educational Talent Search:
B.A., University of Oregon.

AARON MONTOYA, Student Services Specialist, Educational Talent Search:
B.A., University of Washington.

SEBASTIAN MYRICK, Career & Employment Specialist:
A.A.S., Everett Community College; B.A., Seattle Pacific University.

ROSANNETTE RIMANDO, Student Services Specialist, Upward Bound:
B.A., Washington State University.

DOLORES TAYLOR, Financial Aid Specialist, Financial Aid:
A.A.S., South Seattle Community College.

MARCIA WOODS, Student Development Specialist, Student Success Services:
B.A., Antioch University, Seattle; M.Ed., Seattle University.

THE FACULTY

ABRAM, JABUS, Computing Technology:
A.A., Seattle Central Community College; B.A., United Theological Seminary.

ALI, ABOUBAKER, ESL:
B.S., State University of New York.

ALLEN, ROBERT, Machine Shop:
Machinist; Washington State Apprenticeship Certificate; Community College Vocational Certificate.

ANDERSEN, HOWARD S., Automotive Technology:
A.A.S., Chemeketa Community College; Master Technician A.S.E. Certified; G.M. and Chrysler Certification; Community College Vocational Certificate.

ATCHISON, ARLEEN, Mathematics:

BAKER, CORINNE LEE, Mathematics, Business:
Brigham Young University; Eastern Washington University.

Baldwin, Sara, ESL:
B.A., Goddard College; M.A., University of Minnesota.

Bean, Rosalie (Kit), ESL:
B.A., Stanford University; Teaching Certificate in French and Librarianship, College of Great Falls; M.A., TESOL Certificate, Seattle University.

Bellows-Rochfort, Hallmah, ESL:
B.S., New York University; M.A., University of Exeter; M.S., San Francisco State University.

Bentley, Judy, English:
B.A., Oberlin College; M.A., New York University.

Berger, Jean-Claude, Pastry and Specialty Baking:
Brevet from Ecole Hoteliere, Strasbourg, France; Community College Vocational Certificate.

Bissonnette, Donald, ESL:
B.A., Bridgewater State College; M.Ed., Lesley College.

Bobbitt, Van, Landscape & Environmental Horticulture:
B.A., Central Washington University; M.A., California Polytechnic State University.

Bourret, Roger, Applied Communications, ESL:
B.A., St. Michael's College; M.Ed., University of Washington.

Buschhoff, James H., ESL:
B.A., State University of New York at Fredonia.

Chang, Ashley, ESL:
B.A., Xiangtan University, China; M.A., University of Massachusetts; Ph.D., Columbia University.

Chase, Linda, Home & Family Life Coordinator:
A.A., North Seattle Community College; B.A., University of Washington.

Chinn, Dorienne, ESL:
B.S., University of Washington; M.Ed., Seattle University.

Chu, Stanley Yen, English:
B.A., University of South Carolina; M.A., University of Washington.

Clark, Elizabeth Susan, ESL:
B.A., University of California at Los Angeles; M.Ed., Seattle University.

Clawson, Cal, Mathematics:
B.A., M.A., University of Utah.

Coates-White, Stephen, Counseling:
B.A., Whitman College; M.A., Seattle University.

Collins, Douglas, ESL:
B.A., University of Florida; M.A., University of Washington.

Coskey, Theodore D., Mathematics, Astronomy, Developmental Mathematics:
B.A., University of California; M.S., University of Illinois; Secondary Teaching Certificate; Community College Vocational Certificate.

Danforth, Barbara, Home & Family Life:
B.S., Oregon State University.

Dang, (Rose) Cam-Huong, ESL:
B.A., University of Saigon; M.B.A., Seattle University.

Delacruz, Robert, English:
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