Welcome

We have a place for you at South Seattle Community College. Whether you come to our main campus in West Seattle, take one of our online courses, or visit one of our satellite campuses, South has a wide variety of educational opportunities to meet your interests and needs. Real-world experience is emphasized through team-learning projects and portfolio development, or internships and classes with retail customer contact.

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

Our Northwest Wine Academy features the only operating winery at a two-year college in western Washington, and our University Center offers classes toward a B.A. degree from four-year partner institutions.

South is one of the most culturally diverse colleges in the state, a strength we celebrate with our annual Rainbow Festival. At South we help people enrich, even transform, their lives through educational opportunities close to home. We hope you will visit us in person or on our website: www.southseattle.edu. It is never too late to get started.

Dr. Jill Wakefield
President, South Seattle Community College

GETTING STARTED at South

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

www.southseattle.edu

MISSION

South Seattle Community College is a constantly evolving educational community dedicated to providing quality learning experiences which prepare students to meet their goals for life and work. The college values and promotes a close involvement with the community and strong partnerships with business, labor and industry. The college commits to serving the diverse needs of students in our communities by providing:

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

Georgetown Campus of South Seattle Community College
Apprenticeship & Education Center
Puget Sound Industrial Excellence Center
6737 Corson Avenue South
(206) 764-5350
At the Georgetown Campus of South Seattle Community College, the Apprenticeship & Education Center serves the business and industrial community by providing programs in the building construction trades, manufacturing and transportation through apprentice-related training. It is also the home of Puget Sound Industrial Excellence Center, and the Washington State Safety Institute.

NewHolly Learning Center
(206) 768-6642
NewHolly, formerly Holly Park, is a community whose mission is to foster the success of youth, adults and families. In implementing this mission, South Seattle Community College, along with community partners, values and promotes services that build on strengths, diversity and multiculturalism, public-private collaboration, an open and engaged community, and a commitment to innovation. South Seattle Community College offers Adult Basic Education (ABE), English as a Second Language (ESL), General Education Development (GED), and a Corrections Training program at NewHolly.
ADVISING
Counseling and Advising Center
(206) 764-5387
Counselors are available to provide a comprehensive assessment of each student’s interests, abilities, values, life experiences, and past educational and work experiences. They also provide career counseling and assist students in establishing their educational plans. Both counselors and advisors interpret entry assessment scores, provide an overview of certificate and degree programs, help students select quarterly course schedules, and assist students with transfer to four-year colleges and universities.

CAREER DEVELOPMENT Services
WorkSource Affiliate
(206) 764-5304
http//worksource.southseattle.edu/
This comprehensive center offers a full spectrum of services to students. 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. 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.

CLASS SCHEDULE Quarterly
Each college produces a quarterly Class Schedule which lists the specific courses being offered that quarter. This schedule is available approximately six weeks before the start of each quarter in both printed and online formats. To receive a printed copy, call (206) 764-5300 to be put on the mailing list. To view or download the online class schedule, visit www.southseattle.edu/programs/classCat/default.asp?page=clssched.

DISABILITY SUPPORT
Educational Support Services
(206) 763-5137
V/TTY 1-800-833-6384
TDD 1-800-833-6388
www.southseattle.edu/campus/facility/Department.asp?number=43
The role of the Disability Support Services Office is to provide physical and academic accommodations to persons with documented disabilities. This office obtains and files disability-related documents, certifies eligibility for services, helps determine academic adjustments, and consults for the provision of such accommodations. Academic adjustments are provided to ensure access to all community college courses, programs, counseling, activities and facilities.

Disability Support Services provides or arranges a variety of auxiliary services such as sign language interpreters, assistive technology, exam modifications, and academic assistance. To avoid delays, auxiliary requests such as Brailling and books on tape require six weeks advance notice. Interpreting services for ongoing classes require four weeks notice and interpreting services for special requests or one-time services need at least one week notice.

This office also offers consultations to faculty and staff to help design accommodations that provide equal access. (Please see page 39 for specific details and additional information on eligibility and policies.)

INFORMATION TECHNOLOGY Services
(206) 764-5844
The college offers computer instruction on Windows-based computer equipment in 11 computer laboratories. Two labs are open to any student who pays the computer lab fee.
A quarterly lab fee is charged at registration and students’ photo identification cards are scanned for lab access.

INTERNATIONAL Programs
(206) 764-5360 ■ email: ip@sccd.ctc.edu
www.southseattleinternational.com
This office processes applications for international students and assists them after admission with program planning and immigration regulations. South Seattle Community College facilitates educational opportunities to enhance global citizenship through:
- International student enrollment
- Comprehensive programs and support services
- Faculty and staff exchanges with partner institutions
- Education abroad programs for SSCC students
- Resource development to support institutional internationalism.

See page 22 for additional International Program information.
The South Seattle Community College Library and Learning Center features an Information Commons with 100 computer stations, providing for the integration of learning support services and allowing the college to respond to the ever-increasing importance of computers in the teaching and learning process.

The library offers a wide range of resource materials and media services to students and the community, including audio and video tapes, video cameras, closed-circuit TV and cable programs. Librarians are available to help students take full advantage of the college’s computer databases and find books, reference guides, periodicals and videotapes.

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

---

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

---

To meet the growing demand for lifelong learning opportunities, South Seattle Community College offers many classes and discussion groups designed especially for senior adults. Classes cover a wide range of topics and reflect a broad range of interests. Special programs, workshops and events are regularly scheduled.

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

Reduced tuition is available for ten-week courses. Registration is by mail, phone, on campus or on the website.

**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 needs instructor approval after the first week of the quarter. As this special waiver is available for audit only, a student enrolled under the option will not receive an official grade or transcript.

---

Student Success encourages student retention by providing students with resources that help them to progress in college, graduate, and transfer to four-year universities. Key features are:

1) educating students about how the college system works and how to improve their academic performance and problem-solving skills;

2) creating a welcoming environment where students feel a sense of belonging in the college setting; and

3) adapting college educational policies and services in response to wide-ranging and changing student development needs.

The program’s primary components are CLIC (Collaborative Learning and Instruction Center), college orientation courses, transfer and scholarship assistance, and information regarding cultural events and resource referrals.

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

Student Assessment and Testing Services
(206) 768-6767
www.southseattle.edu/resources/sas.htm

The Student Assessment and Testing Services program offers the following examinations to students entering college or the work place: GED, chemistry and college course placement in ESL-COMPASS and Standard COMPASS. The office is a referral site for distance learning testing and pre-test study tools and services. Students are welcome to visit the Office located in the Robert Smith Building, Room 76.

TRANSFER BY MAJOR
(206) 764-5387

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

TUTORING Services

Tutoring Center
(206) 763-5137
www.southseattle.edu/campus/facility/Department.asp?number=72

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

MAST: The Math and Science Tutoring Center
(206) 763-5137
www.southseattle.edu/campus/facility/Department.asp?number=45

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

Writing Center
(206) 768-6412
http://dept.seattlecolleges.com/ssccwrite/

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

VETERANS’ Affairs
(206) 764-5811

This office provides services and referrals for veterans. See page 28 for further veterans’ assistance and financial aid information.

WOMEN’S Center
(206) 768-6801
www.southseattle.edu/campus/facility/Department.asp?number=86

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

WORKFIRST Programs
(206) 764-5835 or (206) 768-6666
www.southseattle.edu/programs/workretr.htm

WorkFirst offers short-term and long-term training in technical education programs such as health care, transportation, information technology, manufacturing technology and more. Temporary Assistance to Needy Families/TANF recipients, low-income adults and food stamp recipients receive tuition assistance for job skills training. GED/ABE and technical education. Work Study is also available for those who qualify.

Also see Career Development/WorkSource Affiliate on page 123 and Worker Retraining, page 135.
ART Gallery
(206) 764-5337
The South Seattle Community College Art Gallery serves the campus population and the surrounding community by providing visual access to artwork that promotes the education and appreciation of an array of artistic forms. Since the SSCC Art Gallery largely targets the student population as its primary audience, the exhibits support learning that is supplemental to academic instruction. The Art Gallery exhibits the works of diverse artists as well as student artists. The gallery is open from Monday to Friday and is free.

Hours:  
M, 11 a.m. - 6 p.m.  
T, W & Th, 9 a.m. - 6 p.m.  
F, 12 p.m. - 5 p.m.

BOOKSTORE
(206) 764-5338
The Bookstore is well-stocked with new and used textbooks, general interest books, school supplies, school spirit items, food, beverages, gifts and greeting cards. Textbooks and other supplies may be purchased online and picked up in the store or shipped directly. The Bookstore buys back books daily; the best time to sell back books is the last week of each school quarter.

CHILD CARE Center
(206) 764-5348
The Childcare Center is state-certified and provides quality care for children of South Seattle Community College students, employees and the community. Since 1976 the program has offered a convenient on-campus location with a family-oriented atmosphere, parent education opportunities, flexible scheduling, and a curriculum that stimulates and challenges toddler and preschool-aged children while providing them with an opportunity to gain socialization skills. Staff trained in early childhood development create a welcoming and supportive environment. Contact the Childcare Center for specific information regarding enrollment, fees, and hours.

COPY Center
(206) 768-6662
The Copy Center is located in the Library. Printing is done by Copy Center staff, or can be done on a self-service copier. Various sizes and colors of paper, including resume quality, are available. The Copy Center also creates transparencies for classroom presentations.

FOOD Services
(206) 764-5344
A variety of meal and snack selections is available in the campus Cafeteria, Deli and Grill, ranging from complete hot meals or quick food items to custom-made sandwiches, salad bar, beverages, snacks and takeout items. Both breakfast and lunch items are available.

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

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

HOUSING
(206) 764-5332
On-campus housing is not available. However, a bulletin board located in the Jerry Brockey Student Center lists various accommodations available in the local area. Check out the bulletin board if you need housing, or phone us if you have a room or apartment available for rent to students.

RECREATION & Intramurals
(206) 768-6670
South Seattle Community College offers a variety of recreation programs throughout the academic year, including excursions to Sonics games, hiking and kayaking. Students also have the opportunity to join team sports on a club level, such as ping-pong and basketball.

For a list of activities, contact the recreation coordinator or visit the Student Life Office in the Brockey Student Center, room 135.
Fitness Center
(206) 768-6471

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

SAFETY
(206) 763-5157

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

For further information on personal safety, see page 37.

Student ATHLETICS
(206) 527-3745 (Men’s)
(206) 527-3773 (Women’s)
www.northseattle.edu/services/athletics

The intercollegiate men’s and women’s basketball teams, the Seattle Community Colleges Storm, are based at North’s Wellness Center. Storm teams compete in the North Division of the Northwest Athletic Association of Community Colleges conference. Students from all three Seattle Community Colleges are eligible to try out for the teams. Athletic scholarships are granted by coaches each year.

Student CLUBS
(206) 764-5330

By getting involved in clubs, students participate in team-building exercises and strengthen their organizational and leadership skills. Students also have the opportunity to organize new student clubs at South. For more information and a list of current student clubs, please contact the activities coordinator or visit the Student Life Office located in the Jerry M. Brokey Student Center, room 135.

Student GOVERNMENT
(206) 768-6751

The United Student Association (USA) is the official governing body for students at South. Student officers are elected each spring to represent student interests. The USA meets weekly in the Jerry M. Brokey Student Center, room 128. For more information about how to get involved and or how to become a paid student representative, contact the USA president or vice president. Office Mailboxes are located in the Student Life Office, room 131.

Student Leadership

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

Student Leadership Development Transcript

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

Student INSURANCE

For information on student insurance, contact the Cashier’s Office at (206) 764-5388.

See page 32 for information on Student Injury and Sickness Insurance.

STUDENT LIFE Office
(206) 764-5332
http://studentlife.southseattle.edu/index.html

The Office of Student Life oversees several areas in order to support and assist students in making their experience at South Seattle a successful one: New Student Orientation; Concerns & Complaints; Lost & Found; Fitness Center; The Sentinel (Student Newspaper); Sports & Recreation; Student Clubs; United Student Association (USA); Student Anthology; Student Development Transcript and a Student Lounge with free coffee and tea. The Student Life Office is located in the Jerry Brokey Student Center, Room 135.
Student NEWSPAPER – THE SENTINEL
(206) 768-6477
www.southseattle.edu/campus/facility/Department.asp?number=123
The Sentinel is the student newspaper at South. The production office is located in the Student Life Office, Room 119 in the Jerry Brockey Student Center. In keeping with the mission of the college, The Sentinel is committed to promoting free and responsible discussion of campus and community issues while providing an educational experience for the student staff. The newspaper is published on a regular basis and is available for free both on and off campus. Students are invited to place free classified ads and submit letters to the editor and guest columns for publication.

TRANSPORTATION & PARKING

Bus Service
(206) 553-3000 (Metro Rider Information)
Due to space limitations and environmental concerns, carpooling and bus transportation are strongly encouraged. Students registered for 10 or more credits are eligible for two types of discounts: the Metro “Go Pass” or, for students using Community Transit or the State Ferry system, a quarterly subsidy. For subsidies, students should contact the campus Transportation Coordinator in Room 50 in the Robert Smith building. Discount student bus passes may be purchased at the Cashier’s Office.

Parking Services
(206) 763-5157
Student permits may be purchased during registration on a first-come, first-served basis. State motor vehicle laws and city traffic codes are strictly enforced. The campus speed limit is 15 m.p.h. Parking fees are determined by District policy. Parking can be paid for on a daily basis without a quarterly permit. Student single occupant parking permits are purchased at the Cashier’s Office; evening purchases can be made during the second week of the quarter, in the Registration Office. Daily permits are purchased at dispenser machines located at the North Gatehouse, South Parking Lot, or the Visitors Parking Lot in front of the Robert Smith Building. Carpooling is strongly encouraged; carpool applications are available from the Transportation Coordinator in the Registration Office, Room 50 in the Robert Smith Building. Many incentives are available, including fuel reimbursement, and discounted passes for parking and buses.

AFFILIATE Organizations

South Seattle Community College FOUNDATION
(206) 764-5809
The South Seattle Community College Foundation, a non-profit 501 (c)(3), tax-exempt organization, promotes and supports educational programs and training pursuits. Since its inception in 1981, the South Foundation has received more than $5 million in contributions from individuals, clubs and organizations, corporations and foundations.
The South Foundation serves an increasingly important role in supporting college programs and students. Foundation scholarships, which provide pre-paid tuition, are awarded two times each year. Interested students should contact the Development Office for an application and for more information.
9 Educational Directions

1. Academics College Transfer
2. Adult Basic Education ESL
3. Careers Professional/Technical
4. Continuing Education
5. e-Learning/Distance Learning
6. High School Programs GED
7. International Programs
8. Worker Retraining
9. Georgetown Campus - South Seattle Community College Apprenticeship & Education Center

Definition and Rationale

OF GENERAL EDUCATION

See page 4.

GENERAL EDUCATION

Learning Outcomes

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

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

COMPUTATION
- Use arithmetic and other basic mathematical operations as required by program of study.
- Apply quantitative skills for personal, academic and career purposes.
- Identify, interpret and utilize higher level mathematical and cognitive skills (for those students who choose to move beyond the minimum requirements as stated above).

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

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

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

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

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

ASSOCIATE OF SCIENCE DEGREE

Learning Outcomes

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

ACADEMIC PROGRAMS
(206) 768-6600

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

Students may be required to complete work in the college preparatory program if their records and test scores indicate a need for additional preparation in order to successfully complete a degree program. College preparatory courses are not credited to transfer degrees.

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

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

See pages 5–10 for college transfer course requirements for A.A. or A.S. degree.

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

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

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

Basic Requirements .................................. 20
Select from ENGL& 101; MATH& 151, 152 or 153 or MATH 240; CSC 142 (depending on pre-major area).

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

Major Areas of Study................................ 31-58
90 credits are required for the degree. The number of credit requirements for major areas of study vary depending on pre-major. Students should consult with an advisor before preparing their academic plan.

ASSOCIATE IN BUSINESS (A.B.)
Direct Transfer Agreement

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

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

It is essential to learn the requirements of your transfer school and to consult Advising Services.

Courses with “&” are part of a new statewide common course numbering system. See page 325.
# BASIC REQUIREMENTS

**15**

**Communication Skills**
- ENGL& 101 English Composition ........................................... 5
- ENGL& 102 Composition II ..................................................... 5

**Quantitative/Symbolic Reasoning Skills**
- MATH& 148 Business Calculus (recommended) ....................... 5
  - OR-
  - MATH 151 Calculus I .......................................................... 5

**DISTRIBUTION REQUIREMENTS**

**45**

**Visual, Literary, and Performing Arts**
Choose from a minimum of two different prefixes.
Must include 5 credits in CMST

- ECON& 201 Micro Economics .................................................. 5
- ECON& 202 Macro Economics (satisfies Global Studies) ............... 5
- U.S. Culture course .................................................................. 5

**The Natural World**

- MATH 116 Application of Math to Management, etc. ................. 5
  - OR-
  - MATH 102 College Algebra ................................................... 5
- Lab Science (5 credits required) .............................................. 5
- Elective .................................................................................. 5

**BUSINESS ELECTIVES**

**30**

- ACCT& 201 Principles of Accounting I ..................................... 5
- ACCT& 202 Principles of Accounting II ..................................... 5
- ACCT& 203 Principles of Accounting III .................................... 5
- POLS& 200 Intro to Law .............................................................. 5
  - OR-
  - BUS& 201 Business Law ........................................................ 5
  - BUS 210 Business & Economic Statistics ................................. 5
  - OR-
  - MATH 109 Elementary Statistics ............................................ 5
- General Electives .................................................................... 5

**TOTAL CREDITS**

**90**

---

## BACHELOR OF APPLIED SCIENCE (B.A.S.) DEGREE

### Hospitality Management

**Bachelor of Applied Science Degree**

**Technical Education**

(206) 764-5394

The Bachelor’s of Applied Science (B.A.S.) in Hospitality Management at South Seattle Community College prepares those students who have completed a two-year technical degree or approved associate’s degree with a broad skill set of competencies in the hospitality industry. Students take upper-division classes to prepare for management, marketing, human resource, and technical positions in all facets of the hospitality industry, including tourism, hotel operation, restaurant management, catering, cruise ship-casino operations, and travel. Students will have opportunities to gain occupational competencies through internships and networking with industry leaders. This program is unique in its focus to provide applied management training to students in the region’s largest hospitality industry.

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

### TECHNICAL SPECIALTY COURSES

- HMG 301 Intro to Hospitality .................................................. 3
- HMG 302 Hospitality Management .......................................... 5
- HMG 303 Hospitality Marketing .............................................. 5
- HMG 310 Hospitality Computer Applications ............................ 3
- HMG 311 Lodging Operations .................................................. 3
- HMG 312 Legal Issues in Hospitality ........................................ 3
- HMG 313 Entrepreneurship ..................................................... 3
- HMG 314 Diversity & Culture in Global Travel & Tourism ........... 5
- HMG 401 Cost Controls .............................................................. 5
- HMG 402 Hospitality Accounting ............................................. 3
- HMG 411 Human Resource Management .................................. 3
- HMG 412 Services Operations Management ............................. 5
- HMG 420 Ethical Leadership .................................................... 3
- HMG 489 Professional Career Development ............................. 3
- HMG 490 Internship ................................................................ 3
- HMG 491 Hospitality Management Capstone ........................... 5

### ADDITIONAL ACADEMIC COURSE REQUIREMENTS

- ENGL& 102 English Composition ............................................. 5
- NTR 150 Human Nutrition ........................................................ 5
- BUS 210 Business & Economic Statistics ................................. 5
- ECON& 201 Micro Economics .................................................. 5
- CMST& 220 Public Speaking ..................................................... 5
- Lab Science Elective ................................................................ 5

**TOTAL CREDITS**

**90**

---

## ADDITIONAL B.A. & B.S. DEGREE OPPORTUNITIES

### THE UNIVERSITY CENTER AT SOUTH

The University Center offers several ways for students and community members to complete a four-year degree at South. Choose from the following options as outlined on the website: http://southdev.sccd.ctc.edu/programs/university/university_center.htm.

### EASTERN WASHINGTON UNIVERSITY

(206) 768-6619

**Bachelor of Science in Technology: Applied Technology**

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

HERITAGE UNIVERSITY
(206) 768-6600
Bachelor of Arts in Education with a Residency Certificate and Endorsements in K-8 and English as a Second Language
Open to those with A.A. or B.A. degrees. Freshmen entering South can be dual-enrolled with Heritage for the B.A. degree.

UNIVERSITY OF PHOENIX
(206) 268-5882
Bachelor of Science in Business (Management, Administration or Accounting)
Students with an A.A. degree can complete a B.S. degree in Business.

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

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

TRANSITIONAL ESL
Pre-college level courses require payment of regular tuition. These courses are designed for students preparing for professional-technical 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 reading, writing, grammar and vocabulary development are also available.

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

ADULT BASIC EDUCATION

ADULT BASIC EDUCATION
Adult Basic Education classes, covering math, reading, writing, and communication skills, are offered each quarter. Students may start through the third week of the quarter on a space-available basis.
These courses are low cost and the fee may be waived for low income students. Call the department for fee information. See course descriptions under Adult Basic Education (ABE) for details.

2 | ADULT BASIC EDUCATION ESL

OFFICE OF BASIC & TRANSITIONAL 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.

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

3 | CAREERS
Professional-Technical Programs

See pages 137–156 for this list of programs.
4 | CONTINUING Education

COMMUNITY LIFELONG LEARNING CLASSES
(Non-credit and non-graded classes)
(206) 764-5339  cedstaff@sccd.ctc.edu
www.LearnatSouth.org
Lifelong learning classes are non-credit courses that focus on personal enrichment. An array of short-term courses are offered in such fields as languages and culture, gardening, food and wine, health and wellness, career planning, business basics, family and financial planning and computer applications. New classes, including online classes, are developed continually. Register online.

FINANCIAL PLANNING
Affiliate of the College for Financial Planning
(206) 764-6782
www.LearnatSouth.org
As an affiliate of the College for Financial Planning, South Seattle Community College offers both the educational course of instruction and the “Live Review” for those seeking to develop a professional career as a financial planner and/or those studying for the national certification examination for financial planners. Content areas include financial planning and insurance, investment planning, income tax planning, retirement planning, employee benefits and estate planning.

SENIOR ADULT EDUCATION
(206) 768-5339
www.LearnatSouth.org
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.
Classes are normally held during daytime hours, on campus and in senior centers and retirement centers. Generally, there are no long assignments, examinations or letter grades.
Reduced tuition is available for ten-week courses. Registration is by mail or online.

Senior Tuition Waiver
In addition to the Senior Adult Education programs, persons over 60 may enroll in college courses. See page 15 for further information.

5 | E-LEARNING/ Distance Learning

(206) 764-7930
http://online.southseattle.edu/distance.
Distance learning offers an opportunity for students to enroll and complete South Seattle Community College courses from the convenience of home or work. As distance learners, students can enroll in individual courses for personal interest, to improve knowledge and skills, or to 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 courses.
Distance learning students use videos, textbooks, study guides, computers and 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. Registration for distance learning courses is the same as other credit classes. See page 16 for more details on distance learning.

6 | HIGH SCHOOL—COLLEGE GED

HIGH SCHOOL – COLLEGE PROGRAMS
Running Start
(206) 764-5805
Running Start is a program for high school juniors and seniors who qualify for college-level work through college placement testing. This program provides tuition-free college-level credit courses that may count toward both high school requirements and college credit at the same time. Many students have completed their high school diploma requirements and a two-year college degree simultaneously through this program. Running Start students pay no tuition. See page 19 for more information.
TechPrep
(206) 764-5394
Students earn college credit while in high school and start their careers in fields such as automotive technology, business information technology, culinary arts, drafting, computer-aided design, horticulture, marketing and many others. High school courses counted as college credit allow students to earn an Associate of Applied Science degree or industry-specific certificate faster. TechPrep is tuition-free.

See page 19 for more information.

Trio Educational Talent Search
(206) 768-6474
This program serves 600 students from middle and high schools in south and west Seattle. Students explore their options for colleges, universities, training programs and future careers. The program provides academic support, test preparation assistance, personal counseling, academic advising, and cultural activities. ETS provides students with opportunities to visit colleges and offers assistance in applying for college, financial aid and scholarships.

Upward Bound
(206) 764-6676
This program serves 50 high school students from disadvantaged backgrounds at Evergreen High School and Tyee High School, providing personalized instruction in basic academic skills, science, foreign language, and other arts and academic disciplines; personal counseling, academic advising; social and cultural activities; and assistance in applying to colleges and applying for financial aid and scholarships. Students also spend six weeks on the South Seattle Community College campus during the summer for intensive academic and college preparatory program activities.

See page 20 for more information.

Career Link Academy
(206) 760-2286
www.southseattle.edu/programs/.careerlk.htm/
The Career Link Academy prepares students for success in college and their career while they work toward earning a high school diploma. If a student is 16 to 20 years old, has left high school without a diploma or has a GED and wants to gain skills for success in college and beyond, then Career Link at South Seattle can help them plan for education and future careers. Tuition for students is free and support is available for transportation, books, supplies, and work-related needs. In addition, Career Link at South Seattle offers support through this program and other campus programs for students to enroll in regular college classes. All Career Link students at South Seattle receive ongoing academic advising and assistance to ensure they are on track to graduate and have a High School & Beyond plan in place.

See page 19 for more information.

PRE-COLLEGE COURSES
(206) 768-6600
Many students entering college or returning after some time away from studies need additional work to prepare for college-level courses. For these students, the Seattle Community Colleges offer a series of courses in English, mathematics and human development. Placement in one or more of these courses is determined by performance on entrance tests required for admission to specific college programs. Courses in this category are those numbered below 100. They are described in the course description sections for English, Mathematics, and Human Development.

SAT PREPARATION COURSES
(206) 768-6600
South helps students prepare for the SAT (Scholastic Aptitude Test) college entrance exam by offering math and verbal SAT prep courses most quarters. The courses, held on Saturdays, offer a thorough review of core topics and provide test-taking strategies. Students also have the opportunity to be exposed to a college environment, as well as earn college credit. Students who participate in Washington’s high school college credit program, Running Start, can take the courses at no cost.

GED PREPARATION
General Educational Development Preparation
(206) 764-5363
GED preparation is an opportunity for adults who have not graduated from high school to earn a certificate that is equivalent to a high school diploma. Students may demonstrate that they have reached an education level equal to a high school diploma by passing the five GED tests. To prepare for these tests, the Seattle Community Colleges offer courses (GED prefix courses) which cover the subjects on which students will be tested, such as reading, writing, mathematics, science and social studies. These courses stress math for practical problem-solving, English usage, reading comprehension, and test-taking skills. Call the department for fee information.
HIGH SCHOOL COMPLETION
(206) 764-5805
High School Completion offers students who have not
completed work for a high school diploma the opportunity
to earn the diploma through one of two options. Students
planning to work toward a high school diploma should
obtain a copy of “Requirements for the High School
Diploma” from a counselor or advisor for complete
information. Prerequisite: Qualifying score on the
COMPASS examination.

See page 20 for detailed information on
High School Completion.

INTENSIVE ENGLISH PROGRAM
(206) 764-5360
The English as a Second Language/College Bridge
Program (ESL/College Bridge) is designed by the college
for international students and visitors. ESL/College
Bridge helps prepare non-native speakers of English to
enter American colleges and universities, and provides
customized short-term English classes for short-term
international visitors, summer students and business/
technical professionals.

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

See page 22 for more information on
International Programs.

TRAVEL/STUDY ABROAD
(206) 587-3806
See page 23 for information on district-wide
Travel/Study Abroad Courses.

8 | WORKER RETRAINING Program
(206) 768-6623
The Worker Retraining program offers a variety of services
to dislocated workers: individuals who have been laid off
and are collecting unemployment insurance, have been
issued a WARN notice, are displaced homemakers, or had
to close a small business due to the economic turndown.
To get a new start on a career, interested individuals
should attend a Worker Retraining Orientation Session.
Worker Retraining helps recipients to gain new skills in
order to return to the workforce in competitive wage jobs.
Services may include:
- Tuition assistance (subject to income guidelines and
  availability of funds)
- Help with applying for other funding such as Federal
  Trade Act Assistance, NAFTA and regular financial aid
- Educational planning
- Interest assessment
- Career advising/counseling
- Job search skills
- Internships
- Job placement

See page 24 for additional information on the Worker
Retraining Program.
The Georgetown Campus (formerly the Duwamish Apprenticeship & Education Center) serves the business and industrial community by providing programs in the building construction trades, manufacturing and transportation through apprentice-related training, flagging certification and industrial first aid. Students may receive an Associate of Applied Science Degree in Multi-Occupational Trades by completing an apprenticeship and fulfilling basic core degree courses.

**APPRENTICESHIP & EDUCATION CENTER**

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

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

**FIRST AID & SAFETY (INDUSTRIAL)**

(206) 764-5350

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

**FLAGGING & TRAFFIC CONTROL CERTIFICATION**

(206) 764-5350

Flaggers are responsible for the safe and effective movement of traffic through construction or maintenance zones, safety of the workforce involved, and minimum delay to the motorist. This six-hour certification course, based on the Washington State Safety Standards for Construction Work and the Manual on Uniform Traffic Control Devices, is taught by certified instructors. Testing will be conducted during class. Certification is valid for three years in Washington, Oregon and Idaho.

**PUGET SOUND INDUSTRIAL EXCELLENCE CENTER**

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

**WASHINGTON STATE SAFETY INSTITUTE**

The Safety Training Center is a broad-based coalition of labor, business and public entities, whose goal is to establish a state-of-the-art Safety Training Center. The Center will be housed at the Georgetown Campus of the South Seattle Community College, Apprenticeship & Education Center. It will address the safety needs of construction, transportation and manufacture.
Professional / Technical PROGRAMS

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

AERONAUTICAL TECHNOLOGY

Aviation Maintenance Division
(206) 763-5133

South offers both certificate and degree programs in Aviation Maintenance and Aeronautical Technology.

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

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

Either the airframe or the powerplant component may be taken separately. Completion of both components is highly recommended for increased employment opportunities. Students may qualify for advanced program placement if they provide acceptable documentation from any F.A.A. certified airframe and powerplant program and meet the course challenge requirements.

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

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

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

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

Prereq: Special requirements for admission.

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

TOTAL CREDITS 96

Courses with “&” are part of a new statewide common course numbering system. See page 325.
### Aviation Maintenance Airframe & Powerplant Certificate

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMT 111</td>
<td>Basic Science for Aviation</td>
<td>17</td>
</tr>
<tr>
<td>AMT 112</td>
<td>Basic Electricity for Aviation</td>
<td>17</td>
</tr>
<tr>
<td>AMT 113</td>
<td>Airframe Structure &amp; Repair</td>
<td>17</td>
</tr>
<tr>
<td>AMT 133</td>
<td>Powerplant Theory &amp; Maintenance</td>
<td>17</td>
</tr>
<tr>
<td>AMT 214</td>
<td>Airframe Systems</td>
<td>17</td>
</tr>
<tr>
<td>AMT 215</td>
<td>Advanced Airframe</td>
<td>17</td>
</tr>
<tr>
<td>AMT 234</td>
<td>Powerplant Systems &amp; Components</td>
<td>17</td>
</tr>
<tr>
<td>AMT 235</td>
<td>Advanced Powerplant</td>
<td>17</td>
</tr>
</tbody>
</table>

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 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>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS** 147

### Flight Training for Aviation Mechanics Certificate

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFT 101</td>
<td>Private Pilot Ground School</td>
<td>5</td>
</tr>
<tr>
<td>AFT 110</td>
<td>Private Pilot Flight Instruction</td>
<td>6</td>
</tr>
<tr>
<td>AFT 130</td>
<td>Instrument Ground School</td>
<td>5</td>
</tr>
<tr>
<td>AFT 210</td>
<td>Instrument Flight Instruction</td>
<td>6</td>
</tr>
<tr>
<td>AFT 230</td>
<td>Commercial Pilot Ground School</td>
<td>5</td>
</tr>
<tr>
<td>AMT 111</td>
<td>Basic Science for Aviation</td>
<td>17</td>
</tr>
<tr>
<td>AMT 112</td>
<td>Basic Electricity for Aviation</td>
<td>17</td>
</tr>
<tr>
<td>AMT 113</td>
<td>Airframe Structure &amp; Repair</td>
<td>17</td>
</tr>
<tr>
<td>AMT 214</td>
<td>Airframe Systems</td>
<td>17</td>
</tr>
<tr>
<td>AMT 215</td>
<td>Advanced Airframe</td>
<td>17</td>
</tr>
</tbody>
</table>

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 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>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS** 120

### Aeronautical Technology

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

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

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFS 100</td>
<td>Industrial Safety</td>
<td>2</td>
</tr>
<tr>
<td>MATH 111</td>
<td>Applied Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 111</td>
<td>Technical Physics</td>
<td>5</td>
</tr>
<tr>
<td>QCT 205</td>
<td>Non-Destructive Testing</td>
<td>3</td>
</tr>
</tbody>
</table>

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

**ELECTIVE COURSES** 9

A minimum of 9 credits in two of these areas:
- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

**TOTAL CREDITS** 156

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

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMT 111</td>
<td>Basic Science for Aviation</td>
<td>17</td>
</tr>
<tr>
<td>AMT 112</td>
<td>Basic Electricity for Aviation</td>
<td>17</td>
</tr>
<tr>
<td>AMT 113</td>
<td>Airframe Structure &amp; Repair</td>
<td>17</td>
</tr>
<tr>
<td>AMT 133</td>
<td>Powerplant Theory &amp; Maintenance</td>
<td>17</td>
</tr>
<tr>
<td>AMT 214</td>
<td>Airframe Systems</td>
<td>17</td>
</tr>
<tr>
<td>AMT 215</td>
<td>Advanced Airframe</td>
<td>17</td>
</tr>
<tr>
<td>AMT 234</td>
<td>Powerplant Systems &amp; Components</td>
<td>17</td>
</tr>
<tr>
<td>AMT 235</td>
<td>Advanced Powerplant</td>
<td>17</td>
</tr>
</tbody>
</table>

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFS 100</td>
<td>Industrial Safety</td>
<td>2</td>
</tr>
<tr>
<td>MATH 111</td>
<td>Applied Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 111</td>
<td>Technical Physics</td>
<td>5</td>
</tr>
<tr>
<td>QCT 205</td>
<td>Non-Destructive Testing</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101</td>
<td>English Composition I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>5</td>
</tr>
<tr>
<td>PSYC 100</td>
<td>General Psychology</td>
<td>5</td>
</tr>
</tbody>
</table>

**ELECTIVE COURSES** 9

A minimum of 9 credits in two of these areas:
- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

**TOTAL CREDITS** 160

Courses with “&” are part of a new statewide common course numbering system. See page 325.
AUTO BODY COLLISION REPAIR

Automotive Collision Technology Training Center
(206) 764-5391

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

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

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

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

Certificate

TECHNICAL SPECIALTY COURSES

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

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 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>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

* Indicates a testing prerequisite, permission only.

TOTAL CREDITS 133

ASSOCIATE OF APPLIED SCIENCE DEGREE (A.A.S.)

Completion of Certificate Requirements 115

RELATED INSTRUCTION

A minimum of 9 credits in two of these areas:
- Business & Office
- Science & Mathematics
- Supervision & Management
- Technical Specialty Courses

ELECTIVE COURSES 9

A minimum of 9 credits in two of these 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>
</tr>
</thead>
<tbody>
<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

ASSOCIATE OF APPLIED SCIENCE - T DEGREE (A.A.S.-T)

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABR 111</td>
<td>Intro to Automotive Collision Technology</td>
<td>4</td>
</tr>
<tr>
<td>ABR 112</td>
<td>Safety &amp; Environmental Practices</td>
<td>3</td>
</tr>
<tr>
<td>ABR 113</td>
<td>Welding &amp; Cutting</td>
<td>8</td>
</tr>
<tr>
<td>ABR 121</td>
<td>Panel Replacement &amp; Alignment</td>
<td>4</td>
</tr>
<tr>
<td>ABR 122</td>
<td>Working with Trim &amp; Hardware</td>
<td>3</td>
</tr>
<tr>
<td>ABR 123</td>
<td>Metal Straightening</td>
<td>4</td>
</tr>
<tr>
<td>ABR 124</td>
<td>Body Fillers</td>
<td>4</td>
</tr>
<tr>
<td>ABR 131</td>
<td>Understanding Automotive Finishes</td>
<td>2</td>
</tr>
<tr>
<td>ABR 132</td>
<td>Preparing the Surface for Refinishing</td>
<td>6</td>
</tr>
<tr>
<td>ABR 133</td>
<td>Preparing Equipment, Paint &amp; Refinishing Materials</td>
<td>5</td>
</tr>
<tr>
<td>ABR 134</td>
<td>Detailing</td>
<td>1</td>
</tr>
<tr>
<td>ABR 161</td>
<td>Damage Analysis</td>
<td>5</td>
</tr>
<tr>
<td>ABR 162</td>
<td>Door Skin &amp; Intrusion Beam Replacement</td>
<td>3</td>
</tr>
<tr>
<td>ABR 163</td>
<td>Quarter Panel Replacement</td>
<td>5</td>
</tr>
<tr>
<td>ABR 164</td>
<td>Moveable Glass &amp; Hardware</td>
<td>2</td>
</tr>
<tr>
<td>ABR 171</td>
<td>Straightening Structural Parts</td>
<td>7</td>
</tr>
<tr>
<td>ABR 172</td>
<td>Full &amp; Partial Panel Replacement</td>
<td>7</td>
</tr>
<tr>
<td>ABR 173</td>
<td>Restoring Corrosion Protection</td>
<td>2</td>
</tr>
<tr>
<td>ABR 181</td>
<td>Steering &amp; Suspension</td>
<td>6</td>
</tr>
<tr>
<td>ABR 182</td>
<td>Electrical &amp; Electronic Systems</td>
<td>7</td>
</tr>
<tr>
<td>ABR 183</td>
<td>Mechanical Systems</td>
<td>3</td>
</tr>
<tr>
<td>ABR 191</td>
<td>Applying the Finish</td>
<td>4</td>
</tr>
</tbody>
</table>

Courses with "&" are part of a new statewide common course numbering system. See page 325.

See Updated Course Information at WWW.SEATTLECOLLEGES.EDU

SEATTLE COMMUNITY COLLEGES  2008-2010 CATALOG
ABR 192 Blending Color .................................. 3
ABR 193 Solving Paint Application Problems .......... 3
ABR 194 Finish Defects, Causes & Cures .............. 3

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

A minimum of 9 credits in two of these areas: .......... 9
  Business & Office
  Science & Mathematics
  Supervision & Management
  Technical Specialty Courses

ELECTIVE COURSES .................................. 9
A minimum of 9 credits in two of these areas:
  Visual, Literary & Performing Arts
  Individuals, Cultures & Societies
  The Natural World

TOTAL CREDITS ....................................... 137

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

The Automotive Technology program qualifies students for employment in auto maintenance and related fields. Career opportunities include advancement to auto shop supervisor, service department head, auto service advisor, sales representative, and shop owner. The certificate program can be completed in 7 quarters. The A.A.S. degree provides an opportunity to develop leadership and communication skills and increase general knowledge. Books and supplies cost about $85 per quarter. Students are responsible for the purchase of required materials: hard-toed boots, coveralls and tools (minimum $300). The Automotive Technology program is a NATEF/ASE Master certified training program and offers ABE-based certificate options. See an instructor for more information.

Automotive Technician
Certificate

GENERAL SERVICE TECHNICIAN I
MVM 100 Intro to Automotive Technology I .......... 4
MVM 102 Intro to Automotive Technology II .......... 4
AUT 100 Intro to Electricity ........................... 4
AUT 134 Intro to Driveability ........................... 3

GENERAL SERVICE TECHNICIAN II
AUT 122 Steering & Suspension ....................... 4
AUT 124 Tires & Wheel Alignment ..................... 4
AUT 126 Basic Brake Systems .......................... 3
AUT 127 Advanced Brake Systems ..................... 4

AUT 102 Advanced Electrical Systems ................. 4
AUT 104 Automotive Electronics ........................ 3
AUT 106 Basic Power Accessories ..................... 3
AUT 116 Air Conditioning & Heating ................... 6
AUT 138 Advanced Driveability & Fuel Systems ....... 6
AUT 140 Engine Computers ............................. 4
AUT 143 Emission Controls & Diagnostic Equipment .... 6

AUT 112 Manual Transaxles & Clutches ............... 3
AUT 114 Manual Transmissions, Transfer Cases & Drive Axles ................ 3
AUT 118 Auto Transmission Diagnosis & Service ...... 4
AUT 120 Advance Automatic Transmission Service .... 3
AUT 128 Automotive Engine Diagnosis & Repair/Replace ............. 4
AUT 130 Automotive Engine Rebuild .................... 8
AUT 132 Automotive Welding ............................ 3

GENERAL EDUCATION REQUIREMENTS
ENGL 105 Applied Composition * ................... 3
ICT 103 Computer Applications .......................... 2
MATH 110 Applied Math for Technicians .............. 3
PSYC 240 Psychology of Human Relations ............. 3

* Indicates a testing prerequisite, permission only.

TOTAL CREDITS ....................................... 104

Associate of Applied Science Degree (A.A.S.)
Completion of Certificate Requirements ............... 104

ADDITIONAL GENERAL EDUCATION COURSES 10
Minimum 10 credits from at least two of these categories:
  Business & Office
  Science & Mathematics
  Supervision & Management
  Technical Specialty Courses
  Visual, Literary & Performing Arts
  Individuals, Cultures & Societies
  The Natural World

TOTAL CREDITS ....................................... 114

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</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 110</td>
<td>Intro to Accounting/Bookkeeping I</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 111</td>
<td>Intro to Accounting Computer Applications I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 120</td>
<td>Intro to Accounting/Bookkeeping II</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 121</td>
<td>Intro to Accounting Computer Applications II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 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>BUS 106</td>
<td>Keyboarding/Skillbuilding</td>
<td>3</td>
</tr>
<tr>
<td>BUS 115</td>
<td>Computational Skillbuilding</td>
<td>2</td>
</tr>
</tbody>
</table>

* ACCT& 201 may be substituted for ACCT 110.** ACCT& 202 may be substituted for ACCT 120.

### Related Instruction

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS&amp; 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>BUS 116</td>
<td>Business Mathematics/Spreadsheets</td>
<td>5</td>
</tr>
<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>
</tr>
<tr>
<td>ENGL&amp; 101</td>
<td>English Composition I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 230</td>
<td>Business Communications</td>
<td>5</td>
</tr>
<tr>
<td>ENGL&amp; 102</td>
<td>Composition</td>
<td>5</td>
</tr>
<tr>
<td>PSYC&amp; 100</td>
<td>General Psychology</td>
<td>5</td>
</tr>
<tr>
<td>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

### TOTAL CREDITS
54-56

## A.A.S Degree & A.A.S.-T. Degree

The Accounting A.A.S and A.A.S.-T. degrees are currently under revision. Please contact the campus division to obtain more information.

## Business Information Technology

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

### Certificate

#### REQUIRED COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 113</td>
<td>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>MATH 102</td>
<td>College Algebra</td>
<td>5</td>
</tr>
<tr>
<td>BUS 131</td>
<td>Integrated Communications I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Customer Relations</td>
<td>5</td>
</tr>
<tr>
<td>BUS 169</td>
<td>Using Computers in Business I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 170</td>
<td>Information Technology I</td>
<td>4</td>
</tr>
<tr>
<td>BUS 177</td>
<td>Spreadsheets</td>
<td>5</td>
</tr>
<tr>
<td>BUS 179</td>
<td>Word Processing</td>
<td>5</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>
</tbody>
</table>

### TOTAL CREDITS
45-47

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

Completion of Certificate Requirements 45-47

### Technical Specialty Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 110</td>
<td>Intro to Accounting/Bookkeeping I</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 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>
</tr>
<tr>
<td>BUS 210</td>
<td>Business &amp; Economic Statistics</td>
<td>5</td>
</tr>
<tr>
<td>BUS 216</td>
<td>Professional Development</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>
<tr>
<td>CMST&amp; 210</td>
<td>Interpersonal Communication</td>
<td>5</td>
</tr>
<tr>
<td>CMST&amp; 220</td>
<td>Public Speaking</td>
<td>5</td>
</tr>
<tr>
<td>BUS 239</td>
<td>Integrating Office Applications</td>
<td>5</td>
</tr>
</tbody>
</table>

### RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS&amp; 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>BUS&amp; 201</td>
<td>Business Law</td>
<td>5</td>
</tr>
<tr>
<td>POLS&amp; 200</td>
<td>Intro to Law</td>
<td>5</td>
</tr>
<tr>
<td>PSYC&amp; 100</td>
<td>General Psychology</td>
<td>5</td>
</tr>
<tr>
<td>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

### ELECTIVE COURSES
5

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

### TOTAL CREDITS
96-100

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

### Technical Specialty Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 110</td>
<td>Intro to Accounting/Bookkeeping I</td>
<td>5</td>
</tr>
<tr>
<td>ACCT 111</td>
<td>Intro to Accounting Computer Applications I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 113</td>
<td>Diversity Issues in Business</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>5</td>
</tr>
<tr>
<td>BUS 169</td>
<td>Using Computers in Business I</td>
<td>5</td>
</tr>
<tr>
<td>BUS 170</td>
<td>Information Technology I</td>
<td>4</td>
</tr>
<tr>
<td>BUS 175</td>
<td>Applied Business Statistics</td>
<td>5</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Elementary Statistics</td>
<td>5</td>
</tr>
<tr>
<td>BUS 182</td>
<td>Information &amp; Database Management</td>
<td>5</td>
</tr>
</tbody>
</table>
Medical Office Clerk

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

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

Certificate

TECHNICAL SPECIALTY COURSES

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

RELATED INSTRUCTION

BUS 116 Business Math/Spreadsheets .................. 5
BUS 131 Integrated Communications I ................. 5
BUS 140 Customer Relations ............................ 5
-OR-
PSYC 240 Psychology of Human Relations ............ 3
BUS 169 Using Computers in Business I ............... 5

TOTAL CREDITS 64-66

COMPUTER-AIDED DRAFTING & DESIGN TECHNOLOGY

Academic Programs
(206) 768-6600

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

Certificate

TECHNICAL SPECIALTY COURSES

ENGR 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
MATH 111 Applied Mathematics I ...................... 5
MATH 112 Applied Mathematics II ..................... 5
ENGL 105 Applied Composition * ....................... 3
PSYC 240 Psychology of Human Relations ............ 3

* Indicates a testing prerequisite, or by permission.

TOTAL CREDITS 46

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

Completion of Certificate Program ..................... 46
**ADDITIONAL TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MET 102</td>
<td>Creative Technical Problem-Solving</td>
<td>3</td>
</tr>
<tr>
<td>TDR 160</td>
<td>Survey/CAD Civil</td>
<td>5</td>
</tr>
<tr>
<td>TDR 169</td>
<td>CAD - Electrical</td>
<td>4</td>
</tr>
<tr>
<td>TDR 228</td>
<td>CAD – Sheet Metal/HVAC</td>
<td>4</td>
</tr>
<tr>
<td>TDR 231</td>
<td>Advanced CAD - 3-D</td>
<td>3</td>
</tr>
<tr>
<td>TDR 236</td>
<td>Design Project Considerations</td>
<td>1</td>
</tr>
<tr>
<td>TDR 237</td>
<td>Design Project 1</td>
<td>2</td>
</tr>
<tr>
<td>TDR 238</td>
<td>Design Project 2</td>
<td>2</td>
</tr>
<tr>
<td>TDR 263</td>
<td>Applied Mechanics 1</td>
<td>2</td>
</tr>
<tr>
<td>TDR 268</td>
<td>Architectural/Structural</td>
<td>4</td>
</tr>
<tr>
<td>TDR 272</td>
<td>Applied Mechanics 2</td>
<td>2</td>
</tr>
<tr>
<td>TDR 298</td>
<td>Special Topics, Drafting</td>
<td>3</td>
</tr>
</tbody>
</table>

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

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101</td>
<td>English Composition I</td>
<td>5</td>
</tr>
<tr>
<td>ENGL 108</td>
<td>Technical Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>MATH 141</td>
<td>Pre-Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 142</td>
<td>Pre-Calculus II</td>
<td>5</td>
</tr>
<tr>
<td>PSYC 100</td>
<td>General Psychology</td>
<td>5</td>
</tr>
</tbody>
</table>

**ELECTIVE COURSES**

Select a minimum of 6 credits in two of these areas *.

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

TOTAL CREDITS 93

* Courses must support student’s overall technical objectives and have Dean’s signed approval.

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

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 110</td>
<td>Engineering Orientation</td>
<td>1</td>
</tr>
<tr>
<td>INT 100</td>
<td>Manufacturing Processes</td>
<td>3</td>
</tr>
<tr>
<td>MET 102</td>
<td>Creative Technical Problem-Solving</td>
<td>3</td>
</tr>
<tr>
<td>TDR 121</td>
<td>Drafting Technology I</td>
<td>3</td>
</tr>
<tr>
<td>TDR 123</td>
<td>Drafting Technology II</td>
<td>4</td>
</tr>
<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>
</tr>
<tr>
<td>TDR 160</td>
<td>Survey/CAD Civil</td>
<td>5</td>
</tr>
<tr>
<td>TDR 169</td>
<td>CAD - Electrical</td>
<td>4</td>
</tr>
<tr>
<td>TDR 179</td>
<td>CAD Mechanical</td>
<td>4</td>
</tr>
<tr>
<td>TDR 228</td>
<td>CAD – Sheet Metal/HVAC</td>
<td>4</td>
</tr>
<tr>
<td>TDR 230</td>
<td>Basic CAD - 3-D.</td>
<td>3</td>
</tr>
<tr>
<td>TDR 231</td>
<td>Advanced CAD - 3-D</td>
<td>3</td>
</tr>
<tr>
<td>TDR 236</td>
<td>Design Project Considerations</td>
<td>1</td>
</tr>
<tr>
<td>TDR 237</td>
<td>Design Project 1</td>
<td>2</td>
</tr>
<tr>
<td>TDR 238</td>
<td>Design Project 2</td>
<td>2</td>
</tr>
<tr>
<td>TDR 263</td>
<td>Applied Mechanics 1</td>
<td>2</td>
</tr>
<tr>
<td>TDR 268</td>
<td>Architectural/Structural</td>
<td>4</td>
</tr>
<tr>
<td>TDR 272</td>
<td>Applied Mechanics 2</td>
<td>2</td>
</tr>
<tr>
<td>TDR 298</td>
<td>Special Topics, Drafting</td>
<td>3</td>
</tr>
</tbody>
</table>

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

**COMPUTING TECHNOLOGY**

Technical Education Division
(206) 764-5365

The Computing Technology program provides the opportunity to learn IT fundamentals and prepares the student for industry certification exams such as A+, Network+, Linux+ and CCNA. The program is designed for maximum flexibility in career choice and changes in this industry. Specialized labs provide essential hands-on training in installation, maintenance, troubleshooting and performance tuning of networks. Other classrooms provide specialized software for Web Design students. Computing Technology offers three Associate of Arts degrees: Network Administrator, Network Technician, and Web Media and Technology. These degrees may be completed in approximately two years. Call for additional options.

**Network Administration**

This program is for students who want to specialize in IT networking and become decision-makers relating to the design, implementation, security and management of computer networks. Students work with hardware, operating systems, LAN, WAN and wireless environments. The program constantly evolves along with the fast-changing networking world.

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

**TECHNICAL SPECIALTY COURSES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 100</td>
<td>Beginning Computers</td>
<td>5</td>
</tr>
<tr>
<td>CTN 101</td>
<td>Intro to Computing Technology</td>
<td>5</td>
</tr>
<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</td>
<td>5</td>
</tr>
<tr>
<td>CTN 142</td>
<td>Operating Systems II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 143</td>
<td>Operating Systems III</td>
<td>5</td>
</tr>
<tr>
<td>CTN 160</td>
<td>Web Production I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 170</td>
<td>PC Hardware I</td>
<td>5</td>
</tr>
</tbody>
</table>

Courses with ‘&’ are part of a new statewide common course numbering system. See page 325.
Courses with “&” are part of a new statewide common course numbering system. See page 325.

### TECHNICAL ELECTIVES

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTN 197</td>
<td>Computing Internship</td>
<td>3-5</td>
</tr>
<tr>
<td>CTN 224</td>
<td>Web Server Configuration &amp; Management</td>
<td>5</td>
</tr>
<tr>
<td>CTN 277</td>
<td>Network Security</td>
<td>5</td>
</tr>
<tr>
<td>CTN 284</td>
<td>CISCO III</td>
<td>5</td>
</tr>
<tr>
<td>CTN 285</td>
<td>CISCO IV</td>
<td>5</td>
</tr>
</tbody>
</table>

### RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 116</td>
<td>Business Math/Spreadsheets</td>
<td>5</td>
</tr>
</tbody>
</table>

### GENERAL EDUCATION COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>PSYC 240</td>
<td>Psychology Of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

### GENERAL EDUCATION ELECTIVES

Minimum of 5 credits in one of these areas:
- Visual, Literary and Performing Arts
- Individuals, Cultures and Societies

### TOTAL CREDITS

118

---

### Network Technician

The Network Technician program is for people who enjoy solving PC hardware, operating systems, common applications and network problems. Students learn to diagnose, document and correct problems. Graduates work in Information Technology or as Help Desk technical support personnel.

### 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>CSC 100</td>
<td>Beginning Computers</td>
<td>5</td>
</tr>
<tr>
<td>CTN 101</td>
<td>Intro to Computing Technology</td>
<td>5</td>
</tr>
<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</td>
<td>5</td>
</tr>
<tr>
<td>CTN 142</td>
<td>Operating Systems II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 143</td>
<td>Operating Systems III</td>
<td>5</td>
</tr>
<tr>
<td>CTN 160</td>
<td>Web Production I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 170</td>
<td>PC Hardware I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 171</td>
<td>PC Hardware II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 270</td>
<td>Local Area Networks I</td>
<td>5</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 278</td>
<td>Wireless Communication I</td>
<td>3</td>
</tr>
<tr>
<td>CTN 282</td>
<td>CISCO I</td>
<td>5</td>
</tr>
<tr>
<td>CTN 283</td>
<td>CISCO II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 295</td>
<td>Help Desk/Research/Customer Service</td>
<td>5</td>
</tr>
</tbody>
</table>

#### TECHNICAL ELECTIVES

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTN 197</td>
<td>Computing Internship</td>
<td>3-5</td>
</tr>
<tr>
<td>CTN 224</td>
<td>Web Server Configuration &amp; Management</td>
<td>5</td>
</tr>
<tr>
<td>CTN 277</td>
<td>Network Security</td>
<td>5</td>
</tr>
<tr>
<td>CTN 284</td>
<td>CISCO III</td>
<td>5</td>
</tr>
<tr>
<td>CTN 285</td>
<td>CISCO IV</td>
<td>5</td>
</tr>
</tbody>
</table>

#### RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 116</td>
<td>Business Math/Spreadsheets</td>
<td>5</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>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>
GENERAL EDUCATION ELECTIVES 5
Minimum of 5 credits in one of these areas:
- Visual, Literary and Performing Arts
- Individuals, Cultures and Societies

TOTAL CREDITS 97

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

TECHNICAL SPECIALTY COURSES
CSC 100 Beginning Computers ...................... 5
CTN 101 Intro to Computing Technology .............................................. 5
CTN 131 Intro to Computer Programming ................................. 5
CTN 141 Intro to Operating Systems .................................... 5
CTN 142 Operating Systems II ........................................ 5
CTN 143 Operating Systems III ........................................ 5
CTN 160 Web Production I ........................................ 5
CTN 170 PC Hardware I .................................. 5
CTN 171 PC Hardware II .................................. 5
CTN 197 Computing Internship ...................................... 3
CTN 270 Local Area Networks I .......................... 5
CTN 272 Local Area Networks II .......................... 5
CTN 274 Local Area Networks III ......................... 5
CTN 277 Network Security ................................... 5
CTN 295 Help Desk/Research/Customer Service ............... 5

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

GENERAL EDUCATION ELECTIVES 5
Minimum of 5 credits in one of these areas:
- Visual, Literary and Performing Arts
- Individuals, Cultures and Societies

TOTAL CREDITS 98

Certificate

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

RELATED INSTRUCTION
BUS 116 Business Math/Spreadsheets ........................................ 5
ART 210 Computer Art ........................................ 5
ENGL 105 Applied Composition ........................................... 3
PSYC 240 Psychology of Human Relations ......................... 3

TOTAL CREDITS 56

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

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

RELATED INSTRUCTION
ART 210 Computer Art ........................................ 5
CMST 275 Online Communication ........................................... 5
BUS 116 Business Math/Spreadsheets ........................................ 5
ENGL 105 Applied Composition ........................................... 3
PSYC 240 Psychology of Human Relations ......................... 3

TOTAL CREDITS 56

Web Media & Technology

This program focuses on web design, administration, and electronic commerce. Topics include 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 webmasters for organizations building or enhancing their presence on the Internet and World Wide Web.

PREREQUISITE:
CSC 100 – Beginning Computers

Choose from one of the following three tracks

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

-OR-

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

-OR-

Courses with “&” are part of a new statewide common course numbering system. See page 325.
**SouTh / Professional/Technical Programs**

**SEATTLE COMMUNITY COLLEGES**

**2008-2010 CATALOG**

**Courses with “&” are part of a new statewide common course numbering system. See page 325.**

---

**SYSTEM ADMINISTRATION**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTN 141</td>
<td>Operating Systems I</td>
<td>5</td>
</tr>
<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>5</td>
</tr>
<tr>
<td>CTN 272</td>
<td>Local Area Networks II</td>
<td>5</td>
</tr>
<tr>
<td>CTN 224</td>
<td>Web Server Configuration &amp; Management</td>
<td>5</td>
</tr>
<tr>
<td>CTN Electives</td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

* CTN 101 is a prerequisite for CTN 170.

**TOTAL CREDITS** 103

---

**Technical Specialty Courses**

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

**SISTEM ADMINISTRATION**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</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>5</td>
</tr>
<tr>
<td>CTN 224</td>
<td>Web Server Configuration &amp; Management</td>
<td>5</td>
</tr>
<tr>
<td>CTN 277</td>
<td>Network Security</td>
<td>5</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS** 107-113

---

**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 provide students with skills needed for successful employment.

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

---

**Catering & Banquet Operations or Restaurant & Food Service Production**

**Certificate**

**Technical Specialty Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSD 100</td>
<td>Food Safety &amp; Sanitation</td>
<td>3</td>
</tr>
<tr>
<td>FSD 102</td>
<td>Theory 5</td>
<td>5</td>
</tr>
<tr>
<td>FSD 103</td>
<td>Theory 3</td>
<td>5</td>
</tr>
<tr>
<td>FSD 104</td>
<td>Theory 1</td>
<td>5</td>
</tr>
<tr>
<td>FSD 105</td>
<td>Theory 2</td>
<td>5</td>
</tr>
<tr>
<td>FSD 106</td>
<td>Theory 4</td>
<td>5</td>
</tr>
<tr>
<td>FSD 108</td>
<td>Operations</td>
<td>5</td>
</tr>
<tr>
<td>FSD 110</td>
<td>Food Server 1</td>
<td>5</td>
</tr>
<tr>
<td>FSD 111</td>
<td>Pantry 1</td>
<td>5</td>
</tr>
<tr>
<td>FSD 112</td>
<td>Food Preparation 1</td>
<td>5</td>
</tr>
<tr>
<td>FSD 113</td>
<td>Purchasing</td>
<td>5</td>
</tr>
<tr>
<td>FSD 114</td>
<td>Food Server 4</td>
<td>5</td>
</tr>
</tbody>
</table>

---

Courses with “&” are part of a new statewide common course numbering system. See page 325.
Pastry & Specialty Baking

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

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

Certificate

TECHNICAL SPECIALTY COURSES

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

TOTAL CREDITS 160
Associate of Applied Science Degree (A.A.S.)

To earn an A.A.S. degree in Pastry & Specialty Baking, students must:
- Maintain a minimum cumulative grade point average of 2.0.
- Complete selected Culinary Arts certificate requirements.

GENERAL EDUCATION

Complete 9 credits from two of these areas:
- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

RELATED INSTRUCTION

Complete 6 credits from these areas:
- Accounting, Business or Computer Application courses
- or additional Technical Specialty courses (5 credit maximum) not included in certificate requirements.

TOTAL CREDITS 175

DIESEL & HEAVY EQUIPMENT TECHNOLOGY

Diesel Technology Training Center
(206) 764-5391

Graduates of this program 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 before instruction begins.

Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDM 101</td>
<td>Intro to Heavy Duty</td>
<td>3</td>
</tr>
<tr>
<td>HDM 107</td>
<td>Hydraulics &amp; Pneumatics</td>
<td>9</td>
</tr>
<tr>
<td>HDM 113</td>
<td>Basic Welding &amp; Cutting – Diesel &amp; Equip Tech</td>
<td>6</td>
</tr>
<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 &amp; Brakes</td>
<td>15</td>
</tr>
<tr>
<td>HDM 171</td>
<td>Lift Truck Operator</td>
<td>2</td>
</tr>
</tbody>
</table>

RELATED INSTRUCTION

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 105</td>
<td>Applied Composition</td>
<td>3</td>
</tr>
<tr>
<td>MATH 110</td>
<td>Applied Math for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 240</td>
<td>Psychology of Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

* Indicates a testing requirement/permission only.

TOTAL CREDITS 56

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

Completion of Certificate Requirements & Technical Specialty courses. 56

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

* Requires seeing a program advisor.

TOTAL CREDITS 117-122

OPTIONAL ELECTIVES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<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>

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

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDM 101</td>
<td>Intro to Heavy Duty</td>
<td>3</td>
</tr>
<tr>
<td>HDM 102</td>
<td>Electrical – Electronics, Basic</td>
<td>6</td>
</tr>
<tr>
<td>HDM 104</td>
<td>Batteries, Generators &amp; Alternators</td>
<td>6</td>
</tr>
<tr>
<td>HDM 106</td>
<td>Cranking &amp; Lighting Systems</td>
<td>5</td>
</tr>
<tr>
<td>HDM 107</td>
<td>Hydraulics &amp; Pneumatics</td>
<td>9</td>
</tr>
<tr>
<td>HDM 113</td>
<td>Basic Welding &amp; Cutting – Diesel &amp; Equip Tech</td>
<td>6</td>
</tr>
<tr>
<td>HDM 123</td>
<td>Diesel Engine Repair &amp; Performance</td>
<td>12</td>
</tr>
<tr>
<td>HDM 124</td>
<td>Preventive Maintenance</td>
<td>5</td>
</tr>
<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 &amp; Brakes</td>
<td>15</td>
</tr>
<tr>
<td>HDM 171</td>
<td>Lift Truck Operator</td>
<td>2</td>
</tr>
<tr>
<td>HDM 191</td>
<td>Advanced Gasoline Engines</td>
<td>4</td>
</tr>
<tr>
<td>HDM 193</td>
<td>Heating, Ventilation &amp; Air Conditioning</td>
<td>6</td>
</tr>
</tbody>
</table>

Courses with “&” are part of a new statewide common course numbering system. See page 325.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDM 197</td>
<td>Internship Heavy Duty Diesel</td>
<td>1-7</td>
</tr>
<tr>
<td>HDM 201</td>
<td>Shop Practices</td>
<td>5</td>
</tr>
</tbody>
</table>

* Requires seeing a program advisor.

**RELATED INSTRUCTION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL&amp; 101</td>
<td>English Composition I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>5</td>
</tr>
<tr>
<td>PSYC&amp; 100</td>
<td>General Psychology</td>
<td>5</td>
</tr>
</tbody>
</table>

**ELECTIVE COURSES**

Minimum of 5 credits from:
- Business & Office
- Supervision & Management
- Technical Specialty Courses

Minimum of 5 credits from:
- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World

**TOTAL CREDITS**

122-128

**OPTIONAL ELECTIVES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<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</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HD Mechanical Repair</td>
<td></td>
</tr>
</tbody>
</table>

**LANDSCAPE HORTICULTURE**

Technical Education
(206) 764-5394

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

**One Year Certificate**

**TECHNICAL SPECIALTY COURSES**

Core Curriculum – 26 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LHO 100</td>
<td>The Landscape Industry</td>
<td>1</td>
</tr>
<tr>
<td>LHO 109</td>
<td>Integrated Pest Management</td>
<td>3</td>
</tr>
<tr>
<td>LHO 137</td>
<td>Landscape Management</td>
<td>3</td>
</tr>
<tr>
<td>LHO 150</td>
<td>Horticulture Science I</td>
<td>2</td>
</tr>
<tr>
<td>LHO 151</td>
<td>Horticulture Science II</td>
<td>2</td>
</tr>
<tr>
<td>LHO 152</td>
<td>Soils</td>
<td>3</td>
</tr>
<tr>
<td>LHO 135</td>
<td>Intro to Irrigation &amp; Drainage Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 3 of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LHO 115</td>
<td>Fall Plant Identification</td>
<td>3</td>
</tr>
<tr>
<td>LHO 116</td>
<td>Winter Plant Identification</td>
<td>3</td>
</tr>
<tr>
<td>LHO 117</td>
<td>Spring Plant Identification</td>
<td>3</td>
</tr>
<tr>
<td>LHO 119</td>
<td>Native Plants for NW Landscapes</td>
<td>3</td>
</tr>
<tr>
<td>LHO 120</td>
<td>Perennial Plant Identification</td>
<td>3</td>
</tr>
</tbody>
</table>

Courses with "&" are part of a new statewide common course numbering system. See page 325.
SPECIALTY AREAS
Landscape Design & Construction
Select 11 - 12 credits
LHO 121 Landscape Design I ............................... 4
LHO 125 Landscape Design II .............................. 4
LHO 262 Landscape Design III ............................ 4
LHO 189 Intro to Landscape Construction * ............ 3
* Required to complete an A.A.S. degree.

Landscape Management
Select 11 credits
LHO 108 Weed Identification & Management ............ 2
LHO 140 Intro to Arboriculture ............................ 3
LHO 155 Pruning .......................................... 3
LHO 189 Intro to Landscape Construction ................. 3

Horticultural Studies
Select 11 - 12 credits
LHO 105 Landscape Design Basics ......................... 3
LHO 108 Weed Identification & Management ............. 2
LHO 111 Greenhouse Operations .......................... 3
LHO 112 Nursery Operations .............................. 3
LHO 140 Intro to Arboriculture ............................ 3

RELATED INSTRUCTION (11 CREDITS)
MAT 110 Math for Technicians ............................ 3
IFS 100 Industrial First Aid ................................ 2
ENGL 105 English Composition ............................ 3
PSYC 240 Psychology of Human Relations ................. 3
TOTAL CREDITS 48-49

Associate of Applied Science Degree (A.A.S.)
Completion of Certificate Requirements .................. 48-49

TECHNICAL SPECIALTY COURSES 28
Minimum of 28 credits from one of the 3 specialty areas

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

Choose one Construction Project course
LHO 272 Landscape Construction Project-Fall ............ 4
LHO 273 Landscape Construction Project-Spring ........ 4

SUGGESTED
LHO 250 Small Business Mgt. for Horticulture ......... 3

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

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

Horticultural Studies
REQUIRED COURSES
LHO 197 Internship (or equivalent work experience) .... 2-8
LHO 155 Pruning .......................................... 3
LHO 201 Career Coaching .................................. 1
LHO 210 Plant Problem Diagnostics ....................... 3
LHO 215 Plant Propagation ............................... 3
Horticultural electives ...................................... 10

eLECTIVE CREDITS 6

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

TOTAL CREDITS 92-93

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

TECHNICAL SPECIALTY COURSES 26
Core Curriculum 26 credits
LHO 100 The Landscape Industry .......................... 1
LHO 109 Integrated Pest Management * ................. 3
LHO 137 Landscape Management .......................... 3
LHO 150 Horticulture Science I ........................... 2
LHO 151 Horticulture Science II ........................... 2
LHO 152 Soils ............................................. 3
LHO 135 Intro. to Irrigation & Drainage Systems ........ 3

Select 3 of the following
LHO 115 Fall Plant Identification .......................... 3
LHO 116 Winter Plant Identification ........................ 3
LHO 117 Spring Plant Identification ........................ 3
LHO 119 Native Plants for NW Landscapes ................. 3
LHO 120 Perennial Plant Identification .................... 3

Courses with “&” are part of a new statewide common course numbering system. See page 325.
SPECIALTY AREA COURSES 11-12

Landscape Design & Construction
Select 11 - 12 credits
LHO 121 Landscape Design I .......................... 4
LHO 125 Landscape Design II ........................... 4
LHO 262 Landscape Design III ......................... 4
LHO 189 Intro to Landscape Construction * ........... 3
* Required to complete an A.A.S. degree.

Landscape Management
Select 11 credits
LHO 108 Weed Identification & Management .......... 2
LHO 140 Intro to Arboriculture ........................ 3
LHO 155 Pruning .................................................. 3
LHO 189 Intro to Landscape Construction .......... 3

Horticultural Studies
Select 11 - 12 credits
LHO 105 Landscape Design Basics .................... 3
LHO 108 Weed Identification & Management .......... 2
LHO 111 Greenhouse Operations ....................... 3
LHO 112 Nursery Operations ............................ 3
LHO 140 Intro to Arboriculture ....................... 3

TECHNICAL SPECIALTY COURSES 28
Minimum of 28 credits from one of the 3 specialty areas

Landscape Design & Construction
REQUIRED COURSES
LHO 197 Internship (or equivalent work experience) .. 2-8
LHO 201 Career Coaching .................................. 1
LHO 236 Advanced Irrigation ............................ 4
LHO 238 Maintenance Estimating & Bidding .......... 3
LHO 264 Landscape Design IV ........................... 4
LHO 265 Contracts & Specifications .................... 3
LHO 267 CAD for Landscape .............................. 3
Choose one Construction Project course
LHO 272 Landscape Construction Project-Fall .......... 4
LHO 273 Landscape Construction Project-Spring ....... 4
SUGGESTED
LHO 250 Small Business Mgt. for Horticulture .......... 3

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

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

Horticultural Studies
REQUIRED COURSES
LHO 197 Internship (or equivalent work experience) .. 2-8
LHO 155 Pruning .................................................. 3
LHO 201 Career Coaching .................................. 1
LHO 210 Plant Problem Diagnostics ...................... 3
LHO 215 Plant Propagation ................................. 3
LHO 272 Landscape Construction Project-Fall .......... 4

Horticultural electives .................................... 9-15
* LHO 109 & 210 meet re-certification requirements for Pesticides License Test.

RELATED INSTRUCTION
IFS 100 Industrial First Aid ................................ 2
ENGL & 101 English Composition I ..................... 5
MATH 102 College Algebra ............................... 5
PSYC & 100 General Psychology ......................... 5

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

TOTAL CREDITS 92-93
NURSING

Nursing
(206) 768-6654

Nursing programs offered by South include Certified Nursing Assistant, Licensed Practical Nurse and the Licensed Practical Nurse to Registered Nurse Ladder Program which can lead to an A.A.S.-T. degree.

For more information on health care programs, see www.seattlecolleges.edu/healthcare.

Certified Nursing Assistant

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

Licensed Practical Nurse

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

PREREQUISITES/RELATED INSTRUCTION

A current CNA license in Washington State, and a 2.0 in all nursing prerequisites:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL&amp; 241</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>5</td>
</tr>
<tr>
<td>BIOL&amp; 242</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>5</td>
</tr>
<tr>
<td>BIOL&amp; 260</td>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>ENGL&amp; 101</td>
<td>English Composition I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 107</td>
<td>Math for Liberal Arts</td>
<td>5</td>
</tr>
<tr>
<td>PSYC&amp; 200</td>
<td>Lifespan Psychology</td>
<td>5</td>
</tr>
</tbody>
</table>

Certificate

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 171</td>
<td>LPN I - Fundamentals of Nursing</td>
<td>12</td>
</tr>
<tr>
<td>NUR 172</td>
<td>LPN II - Medical Surgical Nursing</td>
<td>12</td>
</tr>
<tr>
<td>NUR 173</td>
<td>LPN III - Medical Surgical Nursing</td>
<td>12</td>
</tr>
<tr>
<td>NUR 174</td>
<td>LPN IV - Maternal Child Nursing</td>
<td>6</td>
</tr>
<tr>
<td>NUR 175</td>
<td>LPN V - Pediatric Nursing</td>
<td>6</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 78

LPN to RN Ladder Program

Associate of Arts Transfer Degree (A.A.S.-T)

Students must first successfully complete an LPN certificate program and the general education and related instruction requirements.

PREREQUISITES/RELATED INSTRUCTION

Complete a minimum of 36 credits from an accredited Practical Nursing program; have a current LPN license in Washington State, and a 2.0 cumulative GPA in prereq courses, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL&amp; 241</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>5</td>
</tr>
<tr>
<td>BIOL&amp; 242</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>5</td>
</tr>
<tr>
<td>BIOL&amp; 260</td>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>ENGL&amp; 101</td>
<td>English Composition I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 107</td>
<td>Math &amp; Society</td>
<td>5</td>
</tr>
<tr>
<td>PSYC&amp; 200</td>
<td>Lifespan Psychology</td>
<td>5</td>
</tr>
</tbody>
</table>

TOTAL PREREQUISITE COURSES 30

The prerequisite courses count in the degree.

TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 245</td>
<td>Nursing Theory I - Obstetric/Pediatric Nursing</td>
<td>5</td>
</tr>
<tr>
<td>NUR 246</td>
<td>Nursing Lab I</td>
<td>1</td>
</tr>
<tr>
<td>NUR 247</td>
<td>Nursing Experience I</td>
<td>5</td>
</tr>
<tr>
<td>NUR 249</td>
<td>Health &amp; Wellness</td>
<td>1</td>
</tr>
<tr>
<td>NUR 252</td>
<td>Nursing Role</td>
<td>3</td>
</tr>
<tr>
<td>NUR 255</td>
<td>Nursing Theory II - Psych/Medical Surgical Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NUR 257</td>
<td>Nursing Experience II</td>
<td>5</td>
</tr>
<tr>
<td>NUR 265</td>
<td>Nursing Theory II - Medical/Surgical Nursing</td>
<td>5</td>
</tr>
<tr>
<td>NUR 266</td>
<td>Nursing Lab II</td>
<td>1</td>
</tr>
<tr>
<td>NUR 267</td>
<td>Nursing Experience III</td>
<td>3</td>
</tr>
<tr>
<td>NUR 270</td>
<td>Selected Services</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL TECHNICAL SPECIALTY COURSES 36

Transfer Credits from an LPN Program 36
Prerequisite Related Instruction Credits 30
Technical Specialty Credits 36

TOTAL CREDITS FOR A.A.S.-T. DEGREE 102

SUPERVISION & MANAGEMENT

Technical Education
(206) 764-5394

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

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

TECHNICAL SPECIALTY REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>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</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>
</tbody>
</table>

SMG 220 Personnel Performance Management ........ 3
SMG 222 Management & Labor Relations ............. 3
SMG 265 Marketing Management .................... 3

RELATED INSTRUCTION

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

Choose a concentration from the following:
(minimum 17-20 credits):
- Accounting
- Computer Science and Technology
- Economics, Trainer Education
- College Transfer track

TOTAL CREDITS 90-95

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

Completion of Certificate Requirements ............... 55

RELATED INSTRUCTION

BUS& 101 Intro to Business ......................... 5
BUS 169 Using Computers in Business ............... 5
BUS 230 Business Communications ................... 5
SMG 197 Internship or Cooperative Education Experience ........ 5

Choose minimum of 15 credits from the following: .... 15
- Accounting
- Computer Science and Technology
- Economics, Trainer Education
- College Transfer track

TOTAL CREDITS 90-95

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

TECHNICAL SPECIALTY REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS&amp; 101</td>
<td>Intro to Business</td>
<td>5</td>
</tr>
<tr>
<td>BUS 169</td>
<td>Using Computers in Business</td>
<td>5</td>
</tr>
<tr>
<td>CSC 100</td>
<td>Beginning Computers</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>
<tr>
<td>BUS&amp; 201</td>
<td>Business Law</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 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</td>
<td>6-8</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>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</td>
<td>10</td>
</tr>
</tbody>
</table>

Plus a minimum of 13 credits from the following:
- HDM 102 Basic Electrical & Electronics .......... 6
- HDM 103 Intro to Truck & Trailer Maintenance .... 3

Courses with “&” are part of a new statewide common course numbering system. See page 325.
Courses with “&” are part of a new statewide common course numbering system. See page 325.

WELDING FABRICATION TECHNOLOGY

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

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

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

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

Certificate

TECHNICAL SPECIALTY COURSES

WFT 100 Welding Processes & Applications ................... 2
WFT 101 Use of Power Tools in Welding Fabrication ........ 1
WFT 105 Use of Blueprints in Welding Fabrication ........... 2
WFT 106 Basic Layout Skills .................................. 2
WFT 107 Advanced Layout .................................... 2
WFT 108 Fabrication Estimating & Layout ....................... 3
WFT 109 Development of Welding Procedure ................. 2
WFT 119 Use of the Press Brake in Welding Fabrication .... 2
WFT 120 Shielded Metal Arc Welding .......................... 5
WFT 121 Basic Oxyacetylene Cutting & Joining ............... 5
WFT 122 Air Carbon Arc Cutting Operations ................... 1
WFT 123 Use of Welding Symbols ............................... 2
WFT 124 Gas Metal & Flux Core Arc Welding ................. 5
WFT 125 Flame Shaping as a Forming Method ................ 3
WFT 126 Punching & Shearing ................................ 3
WFT 127 Gas Tungsten Arc Welding ........................... 5
WFT 128 Fabrication of Aluminum Weldments ................. 5
WFT 129 Weldment Inspection & Evaluation .................... 5
WFT 130 Welding Certification ................................ 3
WFT 131 Material Handling .................................... 3
WFT 132 Maintenance & Repair Welding Techniques ......... 5
WFT 133 Salvage & Reconstruction of Weldments .......... 5
WFT 134 Use of Heat Treat ..................................... 5
WFT 135 Submerged Arc Welding .............................. 4
WFT 136 Plasma Arc Welding .................................. 4
WFT 137 Construction of Welding Location Jigs & Fixtures .... 4
WFT 139 Employee Rights & Responsibilities ................... 3

RELATED INSTRUCTION

ICT 103 Computer Applications ................................. 2
MATH 111 Applied Mathematics I .............................. 5
ENGL 105 Applied Composition ................................ 3
PSYC 240 Psychology of Human Relations .................... 3

TOTAL CREDITS 104

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

Completion of Certificate Requirements ......................... 104

RELATED INSTRUCTION

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

ELECTIVE COURSES

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

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

#### TECHNICAL SPECIALTY COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTN 131</td>
<td>Intro to Programming</td>
<td>5</td>
</tr>
<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>
</tr>
<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>
</tr>
<tr>
<td>WFT 123</td>
<td>The Use of Welding Symbols</td>
<td>2</td>
</tr>
<tr>
<td>WFT 124</td>
<td>Gas Metal &amp; Flux Core Arc Welding</td>
<td>5</td>
</tr>
<tr>
<td>WFT 125</td>
<td>The Use of Welding Symbols</td>
<td>2</td>
</tr>
<tr>
<td>WFT 126</td>
<td>Punching &amp; Shearing</td>
<td>3</td>
</tr>
<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 138</td>
<td>Advanced Fabrication of Weldments</td>
<td>2</td>
</tr>
<tr>
<td>WFT 139</td>
<td>Employee Rights &amp; Responsibilities</td>
<td>3</td>
</tr>
<tr>
<td>WFT 140</td>
<td>Industry Internship</td>
<td>6</td>
</tr>
</tbody>
</table>

#### RELATED INSTRUCTION

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

#### GENERAL EDUCATION

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

**TOTAL CREDITS** 124

---

### WINE INDUSTRY TRAINING

#### Culinary Arts
(206) 764-7942  
http://nwwineacademy.com

The program provides introductory and professional development classes relating to the wine industry. Options include the following: Winemaking (learning to produce quality wines and develop an individual style of wine); Wine Marketing and Sales; and Food and Wine Pairing (the intricacies of bridging food and wine). The program prepares individuals for careers in the wine industry, and provides advanced skill training for those already employed in the industry. Must be 21 years or older to apply.

#### Wine Making Certificate

**TECHNICAL SPECIALTY**

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

#### RELATED INSTRUCTION

- **CHEM 121** Intro to Chemistry ........................................... 5  
- **ENGL 101** English Composition I .................................... 5  
- **ENGL 105 and ENGL 106 (3/3)** ........................................ 6  
- **MATH 102** College Algebra ............................................. 5  
- **BUS 116** Business Math/Spreadsheets ................................ 5  
- **PSYC 100** General Psychology ......................................... 3-5  
- **PSYC 240** Psychology of Human Relations ........................... 5

**TOTAL CREDITS** 57-60

Courses with "&" are part of a new statewide common course numbering system. See page 325.
### Wine Marketing & Sales Certificate

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

**RELATED INSTRUCTION**
- BUS& 101 Intro to Business .................................. 5
- CMST& 101 Intro to Communication ......................... 5
- ENGL& 101 English Composition I .......................... 5
  - OR-
  - ENGL 103 and ENGL 105 (3/3) ............................ 6
- MATH 102 College Algebra .................................. 5
  - OR-
  - BUS 116 Business Math/Spreadsheets .................. 5
  - OR-
  - PSYC 100 General Psychology ............................ 5
  - OR-
  - PSYC 240 Psychology of Human Relations ............. 3

**TOTAL CREDITS** .................................................. 46-49

### Food & Wine Pairing Certificate

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

**RELATED INSTRUCTION**
- ENGL& 101 English Composition I .......................... 5
  - OR-
  - ENGL 103 and ENGL 105 (3/3) ............................ 6
- MATH 102 College Algebra .................................. 5
  - OR-
  - BUS 116 Business Math/Spreadsheets .................. 5
  - OR-
  - PSYC 100 General Psychology ............................ 5
  - OR-
  - PSYC 240 Psychology of Human Relations ............. 3

**TOTAL CREDITS** .................................................. 54-57

### WORK EXPERIENCE/INTERNSHIP/COOPERATIVE EDUCATION

Career Development Services – WorkSource Affiliate Internship Programs  
(206) 764-7935  
http://careerservices.southseattle.edu/internship.html

The Internship Program is coordinated through the Career Development Services and WorkSource Affiliate Office. The Internship office provides regular orientations and support for any SSCC student who is interested in completing an internship (a credit-bearing practical work/learning experience) in her/his field. More information concerning internships or work experience may be found on the web.