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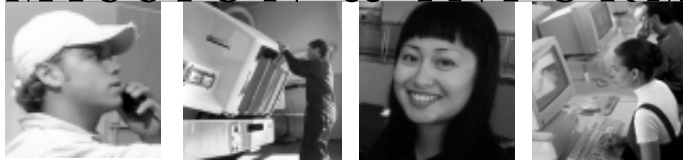
# SOUTH

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SOUTH • WELCOME



# MISSION & INFORMATION



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

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

## ABOUT THE COLLEGE

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

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



## STUDENT SERVICES AT SOUTH

Academic Advising	(206) 764-5387
Admissions	(206) 764-7938
Career Development/WorkSource	(206) 764-5304
Counseling	(206) 764-5387
Financial Aid	(206) 764-5317
Registration	(206) 764-5300
Testing Services	(206) 764-5349
TDD	(206) 764-5845

## FACTS AT A GLANCE\*

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

## Fall 2000 Profiles

### STUDENTS

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

### PROGRAMS

College Transfer	18%
Professional / Technical	57%
Basic Skills	21%
Continuing Education & Other	5%

### COURSES

State-funded	87%
Contract-supported	9%
Student-supported	5%

### SPECIAL ENROLLMENTS

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

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

# STUDENT SERVICES

## ACADEMIC & CAREER RESOURCES

### Assessment and Testing Services

**(206)764-5349**

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

### Career Development Services/ WorkSource Affiliate Site

**(206)764-5304**

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

### Counseling & Advising Center

**(206)764-5387**

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

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

### Distance Learning

**(206)764-7930**

Distance learning offers an opportunity for students to enroll and complete courses from South Seattle Community College from the convenience of home or work. As distance learners, students can enroll in individual courses for personal interest, to improve knowledge and skills, or earn college credit for the A.A. degree program. Currently, students in South's distance learning program can choose from online courses, telecourses and interactive television.

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

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

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

### Information Technology Services

**(206)764-5844**

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

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

### The IRC Media Center

**(206)764-5384**

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

### Campus Library

**(206)764-5395**

The South Seattle Community College high-tech Library and Learning Center opened in 2000, nearly doubling the size of the college library. It features an Information Commons with 100 computer stations, providing for the integration of learning support services and allowing the college to respond to the ever-increasing importance of computers in the teaching and learning process.

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

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

## Special Student Services

**(206)763-5137**

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

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

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

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

## Student Success Services

**(206)764-5326**

Student Success encourages student retention by providing students with resources that help them to progress in college, graduate, and transfer to four-year universities. Key features are: 1) educating students on how the college system works and on how to improve their academic performance and problem-solving skills; 2) creating a welcoming environment where students feel a sense of belonging in the college setting; and 3) adapting college educational policies and services in response to wide-ranging and changing student development needs.

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

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

## Transfer by Major

**(206)764-5387**

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

## Tutoring Center

**(206)763-5137**

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

## Writing Center

**(206)763-5137**

The Writing Center assists students with their writing assignments and promotes writing across the curriculum. Students work with trained peer writing assistants who help them explore and develop ideas, clarify their thoughts and produce a polished, finished product. A simple, user-friendly word processing program is available for student use. In addition, a lab technician assists students with the use of computers.

## CAMPUS LIFE

### Bookstore

**(206)764-5338**

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

### Fitness Center

**(206)768-6471**

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

### Food Services

**(206)764-5344**

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

In addition, Culinary Arts program students prepare and serve award-winning cuisine in two dining rooms, also located in the Food Science Building. The Café Alki offers cold starter plates, soups, sandwiches and a selection of moderately priced hot food entrees. The Rainier Room, with more formal dining, offers a full menu at a fixed price. The dining rooms are open for lunch weekdays; reservations are encouraged.

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

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

### Housing

**(206)764-5331**

On-campus housing is not available. However, a bulletin board lists various accommodations available in the local area. Call if you need housing, or if you have a room or apartment available for rent to students.

### Metro Bus Service

**(206)553-3000**

Due to space limitations and environmental concerns, carpooling and bus transportation are strongly encouraged. Students registered for 10 or more credits are eligible for two types of discounts: the Metro "Go Pass" and, for students using Community Transit or the State Ferry system, a quarterly subsidy. For subsidies, students should contact the Transportation Coordinator in room 50. Discount student bus passes may be purchased at the Cashier's Office.

### Parking Services

**(206)763-5157**

Student permits may be purchased during registration on a first-come, first-served basis. State motor vehicle laws and city traffic codes are strictly enforced. The campus speed limit is 15 m.p.h. Parking fees are determined by District policy. Parking can be paid for on a daily basis without a quarterly permit. Student single occupant parking permits are purchased at the Cashier's Office or, evenings, during the second week of the quarter, in the Bookstore. Daily permits are purchased at the Cashier's Office or, evenings, in the Bookstore. Carpooling is strongly encouraged. Student carpool applications are available from the Transportation Coordinator in room 50. Many incentives are available, including fuel reimbursement, and discounted passes for parking and buses.

### Recreation & Intramurals

**(206)768-6670**

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

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

### Safety

**(206)763-5157**

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

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

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

Sexual harassment: Brochures outlining policy and procedures regarding sexual harassment complaints are available through the Student Services Office on campus.

## Student Accident Insurance

**(206) 764-5388**

Accident insurance is available to students registered for 6 or more credits. Student insurance must be purchased during the first two weeks of each quarter. The District-wide policy provides broad but comparatively inexpensive coverage.

## Student Clubs

**(206) 768-6750**

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

## Student Government

**(206) 768-6751**

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

## Student Newspaper / *The Sentinel*

**(206) 764-5333**

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

## BEYOND THE CAMPUS

### South Seattle Community College Foundation

**(206) 764-5809**

The South Seattle Community College Foundation, a non-profit 501 (c)(3), tax-exempt organization, promotes and supports educational programs and training pursuits at South Seattle Community College. Since its inception in 1981, the South Foundation has received more than \$5 million in contributions from individuals, clubs and organizations, corporations and foundations.

The South Foundation serves an increasingly important role in supporting college programs and students. Foundation scholarships, which provide pre-paid tuition, are awarded two times each year. Interested students should contact the Development Office for an application and for more information.

### Western Washington University at South Seattle Community College

**(206) 768-6703**

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

# SPECIAL PROGRAMS & SERVICES

## Career Development Services WorkSource Affiliate Site

**(206)764-5304**

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

## Childcare Center

**(206)764-5348**

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

## Dedicated TTY Line

**(206)764-5845**

Deaf and hard-of-hearing students can call this number for registration and information assistance. Students can make outgoing calls at several TTY-equipped pay telephones on campus.

## ESL/College Bridge Program

**(206)764-5360**

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

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

## International Student Services

**(206)764-5360**

**e-mail: [ip@sccd.ctc.edu](mailto:ip@sccd.ctc.edu)**

**web site: [southseattle.org/international](http://southseattle.org/international)**

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

## Office of Diversity & Retention

**(206)768-6455**

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

## Upward Bound

**(206)768-6676**

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

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

## Veterans' Affairs

**(206)764-5811**

This office provides services and referrals for veterans. For additional information, see "Financial Assistance for Veterans" on page 11.

## WorkFirst/Worker Retraining Program

**(206)768-6623**

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

# STUDENT LEARNING OUTCOMES

## General Education Requirements

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

1. **COMMUNICATION**  
Read and listen actively to learn and communicate.  
Speak and write effectively for personal, academic and career purposes.
2. **COMPUTATION**  
Use arithmetic and other basic mathematical operations as required by program of study.  
Apply quantitative skills for personal, academic and career purposes.  
Identify, interpret and utilize higher level mathematical and cognitive skills (for those students who choose to move beyond the minimum requirements as stated above).
3. **HUMAN RELATIONS**  
Use social interactive skills to work in groups effectively.  
Recognize the diversity of cultural influences and values.
4. **CRITICAL THINKING & PROBLEM SOLVING**  
Think critically in evaluating information, solving problems and making decisions.
5. **TECHNOLOGY**  
Select and use appropriate technological tools for personal, academic and career tasks.
6. **PERSONAL RESPONSIBILITY**  
Be motivated and able to continue learning and adapt to change.  
Value one's own skills, abilities, ideas and art.  
Take pride in one's work.  
Manage personal health and safety.  
Be aware of civic and environmental issues.
7. **INFORMATION LITERACY**  
Access and evaluate information from a variety of sources and contexts, including technology.  
Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society.



# COLLEGE TRANSFER PROGRAMS

## ACADEMIC PROGRAMS

### Academic Programs

(206)768-6600

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

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

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

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

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

## ASSOCIATE OF SCIENCE

### TRANSFER PRE-MAJOR PROGRAM

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

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

#### BASIC REQUIREMENTS

20

ENG 101

MAT 124

MAT 125

MAT 126 or MAT 240, CSC 142 (depending on pre-major area)

#### AREAS OF KNOWLEDGE

15

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

#### MAJOR AREAS OF STUDY

31-58

90 credits are required for the degree. The number of credit requirements for major areas of study vary depending on pre-major. Students should consult with a counselor at South before preparing their academic plan.

## ASSOCIATE OF ARTS/

### EMPHASIS IN ASIAN STUDIES

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

# BASIC STUDIES PROGRAMS

## Office of General Studies

**(206)764-5363**

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

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

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

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

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

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

## Adult Basic Education

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

See course descriptions under Adult Basic Education for details.

## English as a Second Language

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

## Non-credit ESL

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

## Developmental ESL

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

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

## General Education Development Preparation

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

Students may demonstrate that they have reached an education level equal to a high school diploma by taking the 5 GED tests. To prepare for these tests, the Seattle Community Colleges offers these courses, which cover the subjects on which students will be tested, such as reading, writing, mathematics, science and social studies. These courses stress math for practical problem-solving, English usage, reading comprehension and test-taking skills.

No tuition is charged for these classes.

## High School Completion

**(206)764-5805**

High School Completion offers students who have not completed work for a high school diploma the opportunity to earn the diploma through one of two options. The basic requirements for each of these options are listed on the next page, but students planning to work toward a high school diploma should obtain a copy of "Requirements for the High School Diploma" from a counselor or advisor for complete information.

According to Washington State Law (WAC 180-51-035): "A student shall have the right to graduate in accordance with the standards in effect for the school of graduation for any year since such student commenced the ninth grade unless more than ten years has passed since such entry. In such case, the student shall have the right to graduate in accordance with the standards in effect for the school of graduation for any year within the last ten years." Prerequisite: Qualifying score on the SLEP or BEST tests. *Continued on next page.*

**OPTION A:**

**Standard High School Diploma  
(95 college credits)**

A high school diploma may be earned by completing 95 college credits, including required and approved elective courses. Transfer credit may be approved for courses completed at other institutions; the final course must be taken at South and a minimum GPA of 2.0 must be achieved.

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

**REQUIRED COURSES**

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

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

ENG 040	Composition I .....	5
ENG 041	Composition II .....	5
ENG 042	Composition III .....	5
	Fine Arts (DRA 100, MUS 100, ART 100, or other approved courses) .....	5
HIS 035	United States History I .....	5
HIS 036	United States History II .....	5
HIS 037	Wash. State History (or satisfaction of requirement) .....	3-5
POL 022	Contemporary World Problems, World History, or World Geography .....	5
MAT 080	Pre-Algebra, Algebra I, or math class at student's placement level .....	10
	<i>Students should contact the High School Completion Counselor at (206) 764-5805 for an appointment to select courses to complete their high school diploma. (It is strongly recommended that at least one course be algebra if the student is college-bound.)</i>	
	Science .....	10
	<i>To complete the science requirement, the student may take any two science courses (one of which must be a lab science) for which prerequisites have been met. Choice includes SCI 090 and SCI 100.</i>	
	Occupational Education (any vocational class) .....	5
	Physical Education (may be waived with permission) .....	2
	Health 025 .....	5

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

**OPTION B:**

**Associate Degree Conversion Diploma**

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

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

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

**SUBSTITUTE COURSES**

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

**ELECTIVE COURSES**

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

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

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

**PRE-COLLEGE COURSES**

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

# CONTINUING EDUCATION

## Corporate Training Connection (Contract Training) (206)768-6787

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

## Financial Planning (affiliate of the College for Financial Planning) (206)764-5339

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

## Information Technology/Computer Applications (206)768-6700

A variety of non-credit IT and computer application classes are offered throughout the year including MCSE, A+, Net+, Cisco, Word, Excel, PowerPoint, Flash, Photoshop, etc.

## Lifelong Learning Classes (206)764-5339 & (206)768-6782

### (NON-CREDIT AND NON-GRADED CLASSES)

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

## Senior Adult Education (206)764-5363

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

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

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

## Senior Tuition Waiver

In addition to the Senior Adult Education programs, persons over 60 may enroll in college transfer courses for audit (no homework, exams, or credit). Under this tuition waiver, seniors may attend up to two classes for a small fee. Eligible classes include the humanities, natural and social sciences and some vocational programs. See the quarterly schedule for details.

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

# DUWAMISH TRAINING CENTER

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

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

### Apprentice Training

More than 1,500 apprentices from over 20 different trades attend classes weekdays, evenings and Saturdays at the South Seattle Community College Duwamish Center. They hone skills and knowledge while satisfying the requirements of various apprenticeship programs leading to journey level status. The apprenticeship programs usually last three to five years. General requirements include that participants be 18 years of age; possess a valid driver's license; and go through a selection which may include, but not be limited to, both written and physical testing, drug testing and an interview by a joint apprenticeship committee. The Duwamish Center is currently cooperating with the following Joint Apprenticeship Committees to provide related and supporting courses for apprentices and journey level in the following areas:

Boeing Machinist (Boeing Employees) .....	(253) 351-1392
Boilermakers .....	(206) 624-4707
Carpet, Tile, & Resilient Floorcovering .....	(425) 235-1441
Cement Masons .....	(206) 441-9386
Cosmetology .....	(206) 766-9050
Glaziers & Glassworkers .....	(206) 762-7001
Ironworkers .....	(206) 244-2993
Meatcutters .....	(206) 243-1290
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
Western Washington Masonry Trades, Bricklayers, Caulkers, Cleaner, Pointer, 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 performing these operations, and minimum delay to the motorist. Mandatory training and certification is required for employment.

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

## Parent Education (206) 764-5802

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

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

- practical experiential participation in their child's preschool lab – one day per week.
- discussion at an evening parenting class – once per month.
- lectures at parent education seminars – minimum of one per quarter.

# PROFESSIONAL/TECHNICAL PROGRAMS

## AERONAUTICAL TECHNOLOGY

### Aviation Maintenance Division (206)763-5133

#### DEGREE MAJORS:

#### Airframe, Powerplant Technology & Aviation Maintenance

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

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

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

#### Special Requirements for Admission

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

### Aviation Maintenance

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

Students who successfully complete the aviation maintenance curriculum will be awarded a certificate of completion qualifying them to take the Federal Aviation Administration examination for the airframe and powerplant mechanic license. Either the airframe or the powerplant components may be taken separately. For increased employment opportunities, however, completion of both components is highly recommended.

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

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

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

### Aviation Airframe Mechanic Certificate

#### TECHNICAL SPECIALTY COURSES

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

#### RELATED INSTRUCTION

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

TOTAL CREDITS 96

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

### Aviation Powerplant Mechanic Certificate

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

#### RELATED INSTRUCTION

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

TOTAL CREDITS 96

### Aviation Maintenance Airframe & Powerplant Certificate

#### TECHNICAL SPECIALTY COURSES

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

#### RELATED INSTRUCTION

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

TOTAL CREDITS 147

## Aeronautical Technology

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

#### COMPLETION OF CERTIFICATE REQUIREMENTS IN AVIATION MAINTENANCE AIRFRAME & POWERPLANT PROGRAMS 147

##### RELATED INSTRUCTION

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

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

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

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

TOTAL CREDITS 156

## Flight Training for Aviation Mechanics

### Certificate

#### TECHNICAL SPECIALTY COURSES

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

##### RELATED INSTRUCTION

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

TOTAL CREDITS 120

## AUTO BODY COLLISION REPAIR

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

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

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

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

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

### Certificate

#### TECHNICAL SPECIALTY COURSES

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

**RELATED INSTRUCTION**

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

*\* Indicates a testing prerequisite, permission only.*

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TOTAL CREDITS	115
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**Associate of Applied Science Degree (A.A.S.)**


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COMPLETION OF CERTIFICATE REQUIREMENTS	115
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**RELATED INSTRUCTION**

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

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

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

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

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TOTAL CREDITS	133
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**INTERNSHIP OPTION**

ABR 197	Internship I .....	4
ABR 297	Internship II .....	2

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TOTAL CREDITS	139
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**AUTOMOTIVE TECHNOLOGY****Automotive Technology Training Center****(206)764-5391**

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

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

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

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

**RELATED INSTRUCTION**

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

*\* Indicates a testing prerequisite, permission only.*

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

### COMPLETION OF CERTIFICATE REQUIREMENTS

107

#### RELATED INSTRUCTION

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

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

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

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

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TOTAL CREDITS

125

## BUSINESS AND OFFICE PROGRAMS

### Technical Education

**(206)764-5394**

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

### Accounting Certificate

#### TECHNICAL SPECIALTY COURSES

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

\*ACC 210 may be substituted for ACC 110.

\*\*ACC 220 may be substituted for ACC 120.

#### RELATED INSTRUCTION

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

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TOTAL CREDITS

54-56

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

COMPLETION OF CERTIFICATE REQUIREMENTS 54-56

**TECHNICAL SPECIALTY COURSES**

ACC 214	Accounting Systems .....	5
ACC 230	Fundamentals of Managerial Accounting .....	5
BUS 175	Applied Business Statistics .....	5
- OR -		
BUS 210	Business & Economic Statistics .....	5
BUS 216	Professional Development	
- OR -		
BUS 197	Work Experience-Business .....	5
BUS 235	Oral Communications in Business .....	5
BUS 250	Business Law .....	5
- OR -		
BUS 200	Intro to Law .....	5
CTN 104	Spreadsheets I .....	5
- OR -		
BUS 170	Information Technology I .....	4

**RELATED INSTRUCTION**

ECO 200	Principles of Economics & Microeconomics .....	5
- OR -		
ECO 201	Principles of Economics & Macroeconomics .....	5

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

BUS 170	Information Technology I .....	4
BUS 181	Intro to Desktop Publishing/PageMaker .....	5
CTN 120	Databases I .....	5
SMG 100	Leadership & Supervision .....	3
SMG 103	Supervising a Diverse Workforce .....	3
SMG 120	Hiring Personnel .....	3

TOTAL CREDITS 100-106

**Business Information Technology****Certificate**

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

**REQUIRED COURSES**

BUS 112	Multicultural Issues in the American Workplace .....	5
- OR -		
BUS 113	Diversity Issues in Business .....	3
BUS 116	Business Math/Spreadsheets .....	5
BUS 131	Integrated Communications I .....	5
BUS 132	Integrated Communications II .....	5
BUS 140	Customer Relations .....	5
BUS 170	Information Technology I .....	4
BUS 171	Information Technology II .....	4
BUS 172	Information Technology III .....	4
BUS 182	Information & Database Management .....	5
BUS 197	Work Experience: Business .....	3-5
BUS 216	Professional Development .....	5

TOTAL CREDITS 48-52

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

COMPLETION OF CERTIFICATE REQUIREMENTS 48-52

**TECHNICAL SPECIALTY COURSES**

ACC 110*	Intro to Accounting/Bookkeeping I .....	5
ACC 111	Intro to Accounting Computer Applications I .....	3
BUS 175	Applied Business Statistics .....	5
- OR -		
BUS 210	Business & Economic Statistics .....	5
- OR -		
MAT 240	Elementary Statistics .....	5
BUS 230	Business Communications .....	5
BUS 235	Oral Communications in Business .....	5

*\*ACC 210 may be substituted for ACC 110.***RELATED INSTRUCTION**

BUS 101	Intro to Business .....	5
BUS 169	Using Computers in Business I .....	5
BUS 250	Business Law .....	5
- OR -		
BUS 200	Intro to Law .....	5
PSY 110	General Psychology .....	5
- OR -		
PSY 220	Psychology of Human Relations .....	3

**ELECTIVE COURSES***A minimum of 5 credits in the following areas*

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

TOTAL CREDITS 94-100

## Medical Office Clerk Certificate

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

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

### TECHNICAL SPECIALTY COURSES

ACC 110	Intro to Accounting I .....	5
ACC 111	Intro to Accounting – Computer Applications I .....	3
AHE 124	Software Applications for Healthcare .....	4
AHE 130	Medical Coding and Insurance Processing .....	5
AHE 168	Medical Terminology .....	5
BUS 170	Information Technology I .....	4
BUS 171	Information Technology II .....	4
BUS 182	Information Database Management .....	5
BUS 235	Oral Communications in Business .....	5
BUS 197	Work Experience/Internship .....	5
-OR-		
BUS 216	Professional Development .....	5

### RELATED INSTRUCTION

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

TOTAL CREDITS 63-65

## COMPUTER-AIDED DRAFTING & DESIGN TECHNOLOGY

### Academic Programs (206)768-6600

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

### Certificate

#### TECHNICAL SPECIALTY COURSES

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

#### RELATED INSTRUCTION

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

\* Indicates a testing prerequisite, or by instructor permission.

TOTAL CREDITS 46

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

COMPLETION OF CERTIFICATE PROGRAM 46

#### ADDITIONAL TECHNICAL SPECIALTY COURSES

MET 102	Creative Technical Problem-Solving .....	3
TDR 160	Survey/CAD Civil .....	5
TDR 169	CAD - Electrical .....	4
TDR 228	CAD – Sheet Metal/HVAC .....	4
TDR 231	Advanced CAD - 3-D .....	3
TDR 236	Design Project Considerations .....	1
TDR 237	Design Project 1 .....	2
TDR 238	Design Project 2 .....	2
TDR 263	Applied Mechanics I .....	2

TDR 268	Architectural/Structural .....	4
TDR 272	Applied Mechanics 2 .....	2
TDR 298	Special Topics, Drafting .....	3

*NOTE: Approved substitutions include  
EGR 111 for MET 102  
(Check prerequisites)*

**RELATED INSTRUCTION**

ENG 106	Technical Writing .....	3
ENG 108	Technical Report Writing .....	3

**ELECTIVE COURSES**

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

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

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

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TOTAL CREDITS	93
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**COMPUTING TECHNOLOGY**

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

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

**LAN Applications/Help Desk  
Associate of Applied Science Degree (A.A.S.)**

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

**TECHNICAL SPECIALTY COURSES**

CSC 100	Beginning Computers .....	5
CTN 101	Overview of Computing Hardware .....	5
CTN 141	Intro to Operating Systems .....	5
CTN 142	Operating Systems II .....	5
CTN 143	Operating Systems III .....	5
CTN 170	PC Hardware I .....	5
CTN 171	PC Hardware II .....	5
CTN 172	PC Hardware III .....	5
CTN 270	Local Area Networks I .....	5
CTN 272	Local Area Networks II .....	5
CTN 274	Local Area Networks III .....	5
CTN 276	Local Area Networks IV .....	5
CTN 295	Research Methods and Customer Service .....	5

**TECHNICAL SPECIALTY ELECTIVES**

*Select four of the following*

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

**RELATED INSTRUCTION**

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

**ELECTIVE COURSES** 5

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

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

TOTAL CREDITS	106
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**Software Engineering**

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

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

**TECHNICAL SPECIALTY COURSES**

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

**RELATED INSTRUCTION**

ICT 103	Computer Applications .....	2
MAT 111	Applied Mathematics I .....	5
MAT 112	Applied Mathematics II .....	5
PHY 111	Applied Physics (or other Natural Science) .....	5
ENG 105	Applied Composition .....	3
ENG 106	Technical Writing .....	3
PSY 220	Psychology of Human Relations .....	3

**ELECTIVE COURSES**

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

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

TOTAL CREDITS	116
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**Network Administration**

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

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

**TECHNICAL SPECIALTY COURSES**

CTN 120	Database I .....	5
CTN 121	Databases II .....	5
CTN 131	Intro to Computer Programming .....	5
CTN 141	Intro to Operating Systems .....	5
CTN 142	Operating Systems II .....	5
CTN 143	Operating Systems III .....	5
CTN 160	Web Production I .....	5
CTN 170	PC Hardware I .....	5
CTN 171	PC Hardware II .....	5
CTN 224	Web Server Configuration and Management .....	5
CTN 231	Visual Basic I .....	5
CTN 270	Local Area Networks I .....	5
CTN 272	Local Area Networks II .....	5
CTN 274	Local Area Networks III .....	5
CTN 276	Local Area Networks IV .....	5
CTN 282	Cisco I .....	5
CTN 283	Cisco II .....	5
CTN 284	Cisco III .....	5
CTN 197	Computing Internship .....	3

**RELATED INSTRUCTION**

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

**ELECTIVE COURSES**

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

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

TOTAL CREDITS	119
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TOTAL CREDITS	116
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## Web Design & Development

### 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 168	Graphics for the Web I .....	3
CTN 175	Web Related Careers: An Overview .....	2
CTN 164	Multimedia on the Web .....	5
- OR -		
CTN 224	Web Server Configuration and Management .....	5
- OR -		
CTN 231	Visual Basic I .....	5
- OR -		
CTN 184	e-Marketing Tactics and Strategies .....	3

#### RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets .....	5
ICT 103	Computing Applications .....	2
ART 210	Computer Art .....	4
ENG 105	Applied Composition .....	3
PSY 220	Psychology of Human Relations .....	3

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TOTAL CREDITS 50-52

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

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

#### TECHNICAL SPECIALTY COURSES

CTN 120	Databases I .....	5
CTN 131	Intro to Computer Programming .....	5
CTN 141	Intro to Operating Systems I .....	5
CTN 160	Web Production I .....	5
CTN 161	Web Production II .....	5
CTN 162	Web Production III .....	5
CTN 168	Graphics for the Web I .....	3
CTN 175	Web Related Careers: An Overview .....	2
CTN 197	Computing Internship .....	3-5
	CTN Electives .....	15

#### RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets .....	5
ICT 103	Computing Applications .....	2
SMG 210	Project Management .....	3
ART 210	Computer Art .....	4
ENG 105	Applied Composition .....	3
ENG 106	Technical Writing .....	3
PSY 220	Psychology of Human Relations .....	3
	General Electives .....	5

*Choose from one of the following three tracks:*

#### Multimedia and Design on the Web

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

#### Programming for the Web

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

#### System Administration for the Web

CTN 142	Operating Systems II .....	5
CTN 170*	PC Hardware I .....	5
CTN 270	Local Area Networks I .....	3
CTN 272	Local Area Networks II .....	5
CTN 274	Local Area Networks III .....	5
CTN 224	Web Server Configuration and Management .....	5

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

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TOTAL CREDITS 108-110

## COSMETOLOGY

### Cosmetology Department

(206)764-5846

At South, students achieve eligibility for taking the State Board of Cosmetology Licensing examination in five quarters, and receive a certificate in six quarters or an A.A.S. degree in seven quarters.

Instruction includes hair cutting; trimming; styling; shampooing; permanent waving; chemical relaxing or strengthening; bleaching or coloring of the hair on the face, neck, and scalp; manicuring and aesthetics.

#### Certificate

##### TECHNICAL SPECIALTY COURSES

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

##### RELATED INSTRUCTION

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

TOTAL CREDITS 115

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

COMPLETION OF CERTIFICATE REQUIREMENTS 115

##### RELATED INSTRUCTION

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

##### RELATED INSTRUCTION

BUS 131	Integrated Communications I .....	5
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##### ELECTIVE COURSES

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

- Visual, Literary & Performing Arts
- Individuals, Cultures & Societies
- The Natural World (or natural science)

TOTAL CREDITS 148

## CULINARY ARTS

### Culinary Arts Department

(206)764-5344

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

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

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

#### Certificate

ENG 105	Applied Composition .....	3
ENG 106	Technical Writing .....	3
FSD 100	Food Safety & Sanitation .....	3
FSD 102	Theory 5 .....	5
FSD 103	Theory 3 .....	5
FSD 104	Theory 1 .....	5
FSD 105	Theory 2 .....	5
FSD 106	Theory 4 .....	5
FSD 108	Operations .....	5
FSD 110	Food Server 1 .....	5
FSD 111	Pantry 1 .....	5
FSD 112	Food Preparation 1 .....	5
FSD 113	Purchasing .....	5
FSD 114	Food Server 4 .....	5
FSD 115	Inventory .....	5
FSD 120	Short Order Cookery .....	5
FSD 121	Food Preparation 2 .....	5
FSD 122	Food Server 2 .....	5
FSD 124	Food Preparation 3 .....	5
FSD 130	Pantry 2 .....	5
FSD 131	Restaurant Baking 1 .....	5
FSD 133	Sauce 1 .....	5
FSD 134	Sauté 1 .....	5
FSD 136	Meat Cutting 1 .....	5
FSD 137	Meat Cutting 2 .....	5
FSD 138	Garde Manger 1 .....	5
FSD 140	Food Preparation 4 .....	5
FSD 143	Food Server 3 .....	5
FSD 145	Garde Manger 2 .....	5

FSD 150	Sauce 2 .....	5
FSD 152	Prep Lead .....	5
FSD 153	Student Lunch Lead .....	5
FSD 154	Pantry Lead .....	5
HOS 203	Commercial Food Nutrition .....	3
MAT 110	Applied Mathematics for Technicians .....	3
PSY 220	Psychology of Human Relations .....	3
TOTAL CREDITS		168

## Pastry & Specialty Baking

### Certificate

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

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

ENG 105	Applied Composition .....	3
ENG 106	Technical Writing .....	3
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
MAT 110	Applied Mathematics for Technicians .....	3
PSY 220	Psychology of Human Relations .....	3
TOTAL CREDITS		160

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

To earn an Associate of Applied Science degree in **Catering & Banquet Operations**, or **Restaurant & Food Service Operations**, students must complete the following:

1. Minimum cumulative grade point average of 2.0.
2. Completion of selected Culinary Arts certificate requirements.
3. Completion of an additional 9 credits in general education courses.

*NOTE: Students may select from two of the following three areas: Humanities, Natural Science, or Social Sciences. Six credits of English composition are required.*

4. Completion of an additional 6 credits in Related Instruction.

*NOTE: Students may select from accounting, business or computer application courses, or additional Technical Specialty courses (5 credit maximum) not included in certificate requirements.*

*\*Must have a minimum 2.75 GPA*

TOTAL CREDITS	183
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To earn an Associate of Applied Science degree in **Pastry & Specialty Baking**, students must complete the following:

1. Minimum cumulative grade point average of 2.0.
2. Completion of selected Culinary Arts certificate requirements.
3. Completion of an additional 9 credits in general education courses.

*NOTE: Students may select from two of the following three areas: Humanities, Natural Science, or Social Sciences. Six credits of English composition are required.*

4. Completion of an additional 6 credits in Related Instruction.

*NOTE: Students may select from accounting, business or computer application courses, or additional Technical Specialty courses (5 credit maximum) not included in certificate requirements.*

*\*Must have a minimum 2.75 GPA*

TOTAL CREDITS	175
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## DIESEL & HEAVY EQUIPMENT TECHNOLOGY

### Diesel Technology Training Center

(206)764-5391

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

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

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

#### Certificate

##### TECHNICAL SPECIALTY COURSES

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

##### RELATED INSTRUCTION

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

\* Indicates a testing requirement/permission only.

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TOTAL CREDITS 56

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

#### COMPLETION OF CERTIFICATE REQUIREMENTS AND TECHNICAL SPECIALTY COURSES 56

HDM 102	Electrical – Electronics, Basic .....	6
HDM 104	Batteries, Generators and Alternators .....	6
HDM 106	Cranking and Lighting Systems .....	5
HDM 123	Diesel Engine Repair and Performance .....	12
HDM 124	Preventive Maintenance .....	5
HDM 191	Advanced Gasoline Engines .....	4
HDM 193	Heating, Ventilation and Air Conditioning .....	6
HDM 197*	Internship Heavy Duty Diesel .....	1-7
HDM 201	Shop Practices .....	5

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

#### RELATED INSTRUCTION

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

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

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TOTAL CREDITS 116-122

#### OPTIONAL ELECTIVES

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

## ENGINEERING TECHNOLOGY

### Academic Programs

(206)768-6600

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

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

#### TECHNICAL SPECIALTY COURSES

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

#### RELATED INSTRUCTION

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

#### ELECTIVE COURSES

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

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

TOTAL CREDITS 95

## INDUSTRIAL MACHINING TECHNOLOGY

### Technical Education Division

(206)764-5365

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

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

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

### Certificate

#### TECHNICAL SPECIALTY COURSES

IMT 101	Orientation to Lathe Practices .....	8
IMT 110	Milling Machine Operations .....	8
IMT 111	Advanced Milling Machine Operations .....	8
IMT 119	Intro to Computer Numeric Control Manufacturing .....	10
IMT 125	Math Applications in IMT I .....	3
IMT 126	Math Applications in IMT II .....	3
IMT 127	Math Applications in IMT III .....	3

#### RELATED INSTRUCTION

CSC 100	Beginning Computers .....	5
IFS 100	Industrial First Aid & Safety .....	2
QCT 120	Mechanical Measurement I .....	3
QCT 215	Quality Control Statistics I .....	3
TDR 129	Industrial Blueprint Reading .....	3
ENG 105	Applied Composition .....	3
ENG 106	Technical Writing .....	3
ICT 103	Computer Applications .....	2
PSY 220	Psychology of Human Relations .....	3

TOTAL CREDITS 70

## INDUSTRIAL MANUFACTURING TECHNOLOGY

### Technical Education Division

(206)764-5365

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

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

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

## LANDSCAPE HORTICULTURE

### Technical Education

(206)764-5394

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

#### Certificate

##### TECHNICAL SPECIALTY COURSES

LHO 100	The Landscape Industry .....	1
LHO 109	Plant Health Care .....	3
LHO 135	Intro to Drainage and Irrigation Systems .....	4
LHO 137	Landscape Management .....	3
LHO 150	Horticulture Science I .....	2
LHO 151	Horticulture Science II .....	2
LHO 152	Soils .....	3
	<i>Select 3 of the following:</i>	
LHO 115	Fall Plant Identification .....	3
LHO 116	Winter Plant Identification .....	3
LHO 117	Spring Plant Identification .....	3
LHO 119	Native Plants for NW Landscapes .....	3
LHO 120	Herbaceous Plant Identification .....	3

##### SPECIALTY AREAS

*Select 10 credits from one area:*

##### Design & Construction

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

##### Landscape Management

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

##### Horticultural Studies

LHO 105	Landscape Design Basics .....	3
LHO 107	Weed identification .....	1
LHO 108	Weed Management .....	1
LHO 111	Greenhouse Operations .....	3
LHO 112	Nursery Operations .....	3
LHO 140	Intro to Arboriculture .....	3

**RELATED INSTRUCTION**

IFS 100	Industrial First Aid .....	2
MAT 110	Applied Math for Technicians .....	3
ENG 105	Applied Composition .....	3
PSY 220	Psychology of Human Relations .....	3
<b>TOTAL CREDITS</b>		<b>48</b>

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

**COMPLETION OF CERTIFICATE REQUIREMENTS** 48

**TECHNICAL SPECIALTY COURSES**

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

**Design & Construction****REQUIRED COURSES:**

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

**SUGGESTED:**

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

**Landscape Management****REQUIRED COURSES:**

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

**SUGGESTED ELECTIVES:**

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

**Horticultural Studies****REQUIRED COURSES:**

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

**ELECTIVE COURSES**

Elective Credits .....	6
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*A minimum of 10 credits in two of the following areas:*

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

**TOTAL CREDITS** 90

*\*LHO 210 meets re-certification requirements for Pesticides License Test.*

## OCCUPATIONAL TEACHER/TRAINER EDUCATION

### Continuing Education (206)764-5339

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

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

#### Certificate

##### TECHNICAL SPECIALTY COURSES

IFS 100+	Industrial First Aid & Safety .....	2
OTE 105+	Elements of Instruction .....	3
OTE 120*+	Occupational Analysis & Program Planning .....	3
OTE 125*+	Course Organization .....	3
OTE 140	Instructional Materials & Media .....	3
OTE 150	Assessment & Evaluation Methods .....	3
OTE 197	Internship .....	3
OTE 230+	History & Philosophy of Vocational Education .....	3

\* Offered and taken concurrently as 6 credits.

##### RELATED INSTRUCTION

BUS 116	Business Math/Spreadsheets .....	5
BUS 131	Integrated Communications I .....	5
BUS 230	Business Communications .....	5
BUS 169	Using Computers in Business I .....	5
PSY 220	Psychology of Human Relations .....	3
	- OR -	
PSY 110	General Psychology .....	5
<b>TOTAL CREDITS</b>		<b>46-48</b>

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

COMPLETION OF CERTIFICATE REQUIREMENTS 46

##### RELATED INSTRUCTION

OTE 170+	Leadership Development Techniques .....	3
OTE 197	Internship or Cooperative Education Experience .....	5

##### ELECTIVE COURSES

*Choose 15 credits minimum from the following:*

OTE 210	Shop/Lab Project Management & Organization .....	3
OTE 225	Needs Assessment/Survey Techniques .....	3
OTE 235	Intro to Organization & Administration of Vocational Education .....	3
OTE 238	Coordination Techniques for Vocational Education Programs .....	3
OTE 240	The Community College .....	3
OTE 252	Computer Literacy for Vocational Education .....	3
OTE 255	Public Relations for Vocational & Technical Instructors .....	3
OTE 270	Conference Leading Techniques .....	3
OTE 282	Contemporary Concepts in Vocational Education .....	3
OTE 265	Instructional Strategies .....	3
	- PLUS -	
OTE 110	Occupational Specialty Assessment .....	10-35

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

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

**TOTAL CREDITS 104**

## SUPERVISION & MANAGEMENT

### Continuing Education

**(206)764-5339**

Designed for the middle managers who are seeking to sharpen their skills or attain a promotion, the Supervision and Management program is also open to employees who are interested in advancing to management. The program offers practical instruction with an emphasis on current applications and techniques.

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

#### Certificate

##### TECHNICAL SPECIALTY REQUIREMENTS

SMG 100	Leadership & Supervision .....	3
SMG 103	Supervising a Diverse Workforce .....	3
SMG 110	Financial Management .....	3
SMG 120	Hiring Personnel .....	3
SMG 197	Internship or Cooperative Education Experience .....	5
SMG 210	Project Management .....	3
SMG 217	Organizational Behavior .....	3
SMG 220	Personnel Performance Management .....	3
SMG 222	Management & Labor Relations .....	3
SMG 265	Marketing Management .....	3

##### RELATED INSTRUCTION

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

TOTAL CREDITS 55

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

COMPLETION OF CERTIFICATE REQUIREMENTS 55

##### RELATED INSTRUCTION

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

#### CHOOSE A CONCENTRATION FROM THE FOLLOWING:

*A minimum of 15-20 credits*

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

TOTAL CREDITS 90-95

## TELECOMMUNICATIONS SYSTEMS MANAGEMENT

### Technical Education Division

**(206)764-5394**

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

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

## TRUCK DRIVING, COMMERCIAL

### Technical Education Division

**(206)764-5394**

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

The 15-week program includes 360 hours of training. Instruction is conducted daily Monday through Friday. Training hours are from 7:00 a.m. to 1:30 p.m.

Requirements for enrollment are: a valid State of Washington state driver's license, a Department of Transportation (DOT) physical examination (form available from local state of Washington Department of Licensing), Commercial Driver Licensing (CDL) learner's permit endorsement, and a copy of the student's driver's license abstract.

### Certificate

#### TECHNICAL SPECIALTY COURSES

CTD 138	Basic Fundamentals of Comm. Vehicle Driving .....	24
<b>TOTAL CREDITS</b>		<b>24</b>

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

#### TECHNICAL SPECIALTY COURSES

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

- PLUS -

*A minimum of 13 credits from the following:*

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

#### RELATED INSTRUCTION

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

- PLUS -

*A minimum 11 credits from at least two of the following areas:*

Business & Office; Science & Mathematics; Supervision & Management; Technical Specialty. ....	11
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#### ELECTIVE COURSES

*A minimum of 10 credits in two of these areas:*

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

<b>TOTAL CREDITS</b>	<b>90</b>
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## WELDING FABRICATION TECHNOLOGY

### Technical Education Division

(206) 764-5394  
(206) 764-5352

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

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

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

### Certificate

#### TECHNICAL SPECIALTY COURSES

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

#### RELATED INSTRUCTION

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

TOTAL CREDITS 104

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

COMPLETION OF CERTIFICATE REQUIREMENTS 104

#### RELATED INSTRUCTION

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

#### ELECTIVE COURSES

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

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

TOTAL CREDITS 117



## **WORK EXPERIENCE/INTERNSHIP/ COOPERATIVE EDUCATION**

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

Career Link  
**(206)764-7946**

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

# ADMINISTRATION & FACULTY

## OFFICE OF THE PRESIDENT

### JILL WAKEFIELD, Vice President for Instruction (Interim President):

B.A., Central Washington University; M.P.A., University of Washington; Ed.D., Seattle University.

### SCOTT REARDEAN, Executive Director of Institutional Advancement:

A.A., Highline Community College; B.A., Seattle University.

### ANISSA "CESSA" HEARD-JOHNSON, Director, Diversity & Retention Services:

B.A., San Diego State University; M.A., University of Oregon.

### MICHAEL D. MUNSON, Director of Communications:

B.A., Whitman College; M.S., Northwestern University.

### KATHRYN VEDVICK, Director, Program Services:

A.A., South Seattle Community College; Central Washington University.

### WENDY NAGASAWA, Executive Assistant:

A.A.S., Seattle Central Community College.

## ADMINISTRATIVE SERVICES

### KURT R. BUTTLEMAN, Manager (Interim Vice President) of Administrative Services:

B.S., University of Illinois; M.B.A., University of Washington; Ed.D., North Carolina State University.

### MATTHEW HORWITZ, Director of Facilities, Planning & Operations:

Coursework, Pratt Institute and Boston Architectural Center.

### JAMES LEWIS, Manager, Safety & Security:

A.A., South Seattle Community College.

### KRISTIN RIPLEY, Manager, Bookstore:

B.A., University of Rhode Island.

## OFFICE OF INSTRUCTION

### WOODY S. AHN, Executive Dean, Technical Education:

B.S., M.S., University of Tennessee; M.Ed., Oklahoma State University.

### PINKY DALE, Dean, Apprenticeship & Specialized Training:

B.A., Marylhurst University; M.A. Candidate, Portland State University.

### JAMES M. HERNANDEZ, Associate Dean, Aviation:

A.A.S., South Seattle Community College; B.S., Southern Illinois University; Airframe & Powerplant F.A.A. License; Private Pilot, F.A.A. License.

### MARSHA BROWN, Institutional Planner:

B.A., Wellesley College; M.A.T., Brown University; Ed.D., Harvard University.

### ANNE CHAMBERS, Coordinator, Institutional Research:

B.A., University of Washington.

## INSTRUCTION

### RICHARD B. GARTRELL, Executive Dean for Continuing Education and Economic Development:

B.A., M.A., San Francisco State University; ABD, University of Nebraska; Certified Program Planner/Contract Training.

### DANIEL P. CASSIDY, Dean:

Community College Vocational Certificate; Professional Food Service Management Organization; Council on Hotel, Restaurant, and Institutional Education; National Restaurant Association.

### SUZANNE GRIFFIN, Dean, Academic Programs:

B.A., St. Mary's College of Notre Dame; M.A., San Francisco State University; Ph.D., University of Washington.

### MALCOLM GROTHE, Dean, Technical Education:

A.A.S., Highline Community College; B.S., Southern Illinois University; M.A. Ed., Seattle University.

### FRANK POST, Dean, Academic Team/College Transfer:

B.A., M.Ed., University of Washington.

### MARYJO WHITE, Dean, Academic Programs:

B.A., Western Washington University; M.L.S., Ph.D., University of Washington.

### DENNIS COLGAN, Director, Education Technology:

B.A., California State University.

### MARIE COON, Director, Career Link and YO! (Youth Opportunity Initiative at New Holly and High Point):

B.A., University of Michigan.

### KATHLEEN KWILINSKI, International Student Manager:

B.A., Seattle University.

### GAYLE FLAKUS, Assistant Manager, Duwamish Center:

B.S., Western Washington University.

## STUDENT SERVICES

### KAREN M. FOSS, Vice President, Student Services:

B.A., University of Washington; M.A., Antioch University, Seattle; Community College Vocational Certificate.

### ELIZABETH BALDIZAN, Dean, Student Life:

B.A., University of Northern Colorado; M.A., University of New Mexico; Ed.D., University of Nevada, Las Vegas.

### KIM MANDERBACH, Dean, Enrollment and Student Services:

B.A., Pitzer College; M.Ed., Seattle University.

### ELIZABETH HALE, Associate Dean, Work Source Development and Employment Services:

B.A., M.S.W., University of Washington.

### EVERETT BRACKETT, Director, Financial Aid:

B.S., Cascade College, Oregon; B.A., Open Bible College, Iowa; M.A., Chapman University, California.

### HENRY JOHNSON, Director, Upward Bound:

B.A., University of Puget Sound; M.Ed., Western Washington University.

### DOLORES PEREZ, Director, Educational Talent Search:

A.A., San Juan College; B.A., Fort Lewis College, Colorado.

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

**MAUREEN SHADAIR,**  
Director, Student Success Services:  
B.A., Whitworth College; M.A., Western Washing-  
ton University.

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

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

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

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

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

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

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

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

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

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

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

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

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

## THE FACULTY

---

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

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

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

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

**ATCHISON, ARLEEN,** Mathematics:  
B.A., M.Ed., University of Washington.

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

**BALDWIN, SARA,** ESL:  
B.A., Goddard College; M.A., University of Minne-  
sota.

**BEAN, ROSALIE (KIT),** ESL:  
B.A., Stanford University; Teaching Certificate in  
French and Librarianship, College of Great Falls;  
M.A., TESOL Certificate, Seattle University.

**BELLOWS-ROCHFORT, HALLIMAH,** ESL:  
B.S., New York University; M.A., University of  
Exeter; M.S., San Francisco State University.

**BENTLEY, JUDY,** English:  
B.A., Oberlin College; M.A., New York University.

**BERGER, JEAN-CLAUDE,**  
Pastry and Specialty Baking:  
Brevet from École Hoteliere, Strasbourg, France;  
Community College Vocational Certificate.

**BISSONNETTE, DONALD,** ESL:  
B.A., Bridgewater State College; M.Ed., Lesley  
College.

**BOBBITT, VAN,**  
Landscape & Environmental Horticulture:  
B.A., Central Washington University; M.A., Cali-  
fornia Polytechnic State University.

**BOURRET, ROGER,**  
Applied Communications, ESL:  
B.A., St. Michael's College; M.Ed., University of  
Washington.

**BUSCHHOFF, JAMES H.,** ESL:  
B.A., State University of New York at Fredonia.

**CHANG, ASHLEY,** ESL:  
B.A., Xiangtan University, China; M.A., University  
of Massachusetts; Ph.D., Columbia University.

**CHASE, LINDA,**  
Home & Family Life Coordinator:  
A.A., North Seattle Community College; B.A.,  
University of Washington.

**CHINN, DORIEENNE,** ESL:  
B.S., University of Washington; M.Ed., Seattle  
University.

**CHU, STANLEY YEN,** English:  
B.A., University of South Carolina; M.A., Univer-  
sity of Washington.

**CLARK, ELIZABETH SUSAN,** ESL:  
B.A., University of California at Los Angeles; M.Ed.,  
Seattle University.

**CLAWSON, CAL,** Mathematics:  
B.A., M.A., University of Utah.

**COATES-WHITE, STEPHEN,** Counseling:  
B.A., Whitman College; M.A., Seattle University.

**COLLINS, DOUGLAS,** ESL:  
B.A., University of Florida; M.A., University of  
Washington.

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

**DANFORTH, BARBARA,**  
Home & Family Life:  
B.S., Oregon State University.

**DANG, (ROSE) CAM-HUONG,** ESL:  
B.A., University of Saigon; M.B.A., Seattle Univer-  
sity.

**DELA-CRUZ, ROBERT,** English:  
B.S., United States Military Academy at West Point;  
U.S. Command and General Staff College, Fort  
Leavenworth; M.A., University of Pittsburgh.

**DOBRICH, DAVID, Airframe - Powerplant:**  
Airframe & Powerplant Mechanic - F.A.A. Rating;  
Commercial Instrument Pilot F.A.A. License; Com-  
munity College Vocational Certificate.

**DOWNS, RICHARD, Applied Academics:**  
B.S., University of Minnesota; M.S., Oregon State  
University; M.S., Ph.D., University of Washing-  
ton; Registered Mechanical Engineer, Washington  
state.

**DWYER, ANN E., ESL:**  
B.A., Carleton College; M.M.E., University of  
Montana; School for Teaching English as a Second  
Language, Seattle University.

**EGUCHI, TERESA, Counselor:**  
B.A., M.Ed., Western Washington University.

**EVANS, MIKE,  
Digital Control/Robotics Technology:**  
Electronics Technician Certificate, Los Angeles Trade  
and Technical College; F.C.C. General Radiotele-  
phone Operators Certificate/Radar; Community  
College Vocational Certificate.

**FARRELLY, BLANCA, ESL:**  
A.A., College of San Mateo; B.A., M.A., San Fran-  
cisco State.

**FAUL, KENNETH,  
Commercial Truck Driving**

**FLAHAVAN AGHAI, BARBARA, ESL:**  
B.S., University of San Francisco; M.Ed., Lesley  
College; California Secondary Teaching Credential.

**FORD, MARGARET, Cosmetology:**  
Licensed Cosmetology Instructor; A.A.S. Degree in  
Vocational Technical Education; Community Col-  
lege and Highline School District Vocational Cer-  
tificate.

**FORD, STEVEN,  
Auto Body Rebuilding and Refinishing:**  
Journeyman Auto Body Repairman; Community  
College Vocational Certificate.

**FOREST, TANYA M.,  
Commercial Truck Driving:**  
Class A, Commercial Truck Driving License with H  
Endorsement; Community College Vocational In-  
structor Courses.

**FOX, SHARON (SAM), Cosmetology:**  
Licensed Cosmetology Instructor, A.A.S. Degree in  
Vocational Technical Education.

**FRANCO, MARC, Biology/Chemistry:**  
B.S., University of Washington; Ph.D., University  
of North Carolina; Post-Doctorate, University of  
Kiel, West Germany.

**FRENCH, ALAN, ESL:**  
B.A., University of Washington; M.A., University  
of Wisconsin.

**GOBLE, MARIANNE G.,  
Airframe/Powerplant – Airframe &  
Powerplant Mechanic:**  
A.A.S., South Seattle Community College; F.A.A.  
Rating, F.A.A.; Community College Vocational Cer-  
tificate.

**GRAY, JUDY,  
Business and Office Occupations:**  
B.A., M.A., Washington State University; Commu-  
nity College Vocational Certificate.

**GU, CHARLES, Mathematics:**  
B.S., Fudan University; M.S., Shanghai Internal  
Combustion Engine Research Institute; M.S., Ph.D.,  
University of Washington.

**HAGEN, DANIEL B.,  
Computing Technology:**  
B.A., University of Nevada; Community College  
Vocational Certificate.

**HALL, JUDY, Home & Family Life:**  
Community College Vocational Certificate.

**HARAN, SHARYN, Business & Office:**  
B.A., Northeastern Illinois University; M.Ed.,  
University of British Columbia.

**HARDER, MARGO, ESL:**  
A.A., Seattle Central Community College; B.A.,  
University of Washington.

**HARNESS, JANE, ABE/GED:**  
B.A., M.A., Seattle University.

**HARRIS, CHRISTOPHER S.,  
Pastry & Specialty Baking:**  
Western Culinary Institute; Community College  
Vocational Certificate.

**HAWLEY, CHARLES S., Commercial  
Cooking and Classical Cuisine:**  
Professional Chef; Community College Vocational  
Certificate.

**HECKER, PAUL, Economics, Mathematics:**  
B.A., M.A., University of Washington.

**HENDRICKSON, KAREN,  
Home & Family Life A.P.P.L.E. Coordinator:**  
B.A., Agnes Scott College, Atlanta, Georgia; M.A.,  
University of Michigan.

**HERD, PAULA, Music:**  
B.A., B.M., University of Washington; M.A., San  
Diego State University.

**HICKEY, MICHAEL, English:**  
B.A., University of Arizona; M.F.A., University of  
Washington.

**HOFSTAD, CONNIE, Home & Family Life:**  
B.A., Central Washington University.

**HOLLY, DANICA, ESL:**  
Ph.D., Comenius University, Czechoslovakia; gradu-  
ate studies, University of Washington and Seattle  
University.

**HOWARD, DONALD R., Counselor:**  
B.A., University of Washington; M.Ed., Seattle  
University.

**HUDSON, LOUISE, ESL:**  
B.A., Washington State University; Advanced Cer-  
tificate in Teaching ESL, Seattle University.

**HUGHES, BRIAN, Automotive Technology:**  
Journeyman Automotive Technician; Community  
College Vocational Certificate.

**HUNTLEY, REBECCA, Home & Family Life:**  
B.A., Washington State University; M.A., Univer-  
sity of Denver.

**HUTTER, KARL, Commercial Cooking and  
Classical Cuisine:**  
Certified Professional Chef, Apprenticeship Trade  
School, Switzerland; Certified Executive Chef,  
American Culinary Federation; Community Col-  
lege Vocational Certificate.

**IOSELOVICH, MARGARITA, ESL:**  
M.A., Moscow State University.

**JACKSON, ROBBIE,  
Business & Office Occupations:**  
B.A., University of Oklahoma; M.S., Central Wash-  
ington University; Community College Vocational  
Certificate.

**JOHNSTON, LINDA, ESL:**  
M.A., TESOL, Seattle University.

**JURMANOVICH, DANIEL,  
Airframe - Powerplant:**  
Airframe & Powerplant Mechanic, F.A.A. Inspec-  
tion Authorization; Community College Vocational  
Certificate.

**KASIM, MICHELLE F.,  
Food Service Management:**  
B.A., Washington State University; Community  
College Vocational Certificate.

**KEEFE, AFKE DEJONG, ESL:**  
B.A., M.A., TESL, School for International  
Training.

**KINDZIA, BEN, ESL:**

B.A., Bellarmine College; M.A., Niagara University.

**KOENIG, ROBERT P., Diesel and Heavy Equipment Technology:**

A.A.S., Edison Technical; Automotive Technician; Master Technician A.S.E. Certified; Community College Vocational Certificate.

**KOEPKE, CAROL, Computing Technology:**

A.A., Highline Community College; B.A., Seattle University.

**KOUTSKY, JAN, Art:**

B.A., Central Washington University.

**KULIK, MIETEK, ESL:**

M.S., M. Curie Skłodowska University, Poland.

**LANTZ, MARY, Art:**

B.A., M.F.A., University of Minnesota.

**LEAGJELD, DANIEL, Commercial Truck Driving:**

Community College Vocational Certificate.

**LEMLEY, JUDY, ABE/GED:**

B.A., Grand Valley State University; ESL Certification, Seattle University.

**MAR, IDA, ESL:**

ABE/ESL Training Course, Providence Heights; Adult Practical Literacy Training Course; Linguistics, University of Washington; TESOL Institute, University of Wisconsin.

**MCCABE, WILLIAM, Dining Room Service:**

A.A.S., South Seattle Community College; Community College Vocational Certificate.

**MCCRATH, MICHAEL, Anthropology,**

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**MEARLS, JOANNE, ESL:**

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