North
Seattle Community College

Welcome

When our students talk about North, they talk about excellent instruction and student support services. They praise the faculty and staff for their knowledge of their areas, their pride in their work, and their true concern for student learning. They also cite North's safe campus, diverse student population, vibrant learning communities, robust technology, and convenient location in the Northgate area, five miles north of the Seattle city center in a quiet residential neighborhood. The campus occupies 62 acres, including 11 acres of environmentally sensitive wetlands.

Many of our students transfer successfully to four-year colleges and universities. North's "College Pathways Program" offers events, publications, resources and advising especially designed for transfer students. Our small classes and emphasis on learning skills and critical thinking help our students to succeed. Online classes provide a convenient option, as do evening courses.

Other students find success in the workplace by choosing from more than 50 career training programs. All of these programs are developed and refined in cooperation with employers. As a result, training matches employers' needs and leads to employment opportunities.

In addition, North helps adults earn their GED, learn English, enhance their basic skills and/or pursue a new skill or leisure time interest.

North also provides a rich student life. Concerts, plays, intercollegiate basketball, fitness programs, an award-winning literary magazine, and special events highlight North's diverse student population and add depth to the students' experiences.

Ronald H. LaPayette

President, North Seattle Community College

GETTING STARTED at North

Admissions	**(206) 527-3663**
Financial Aid	**(206) 527-3688**
Registration	**(206) 527-3663**
TTY	**(206) 526-0079**

VISION

North Seattle Community College is a progressive educational resource, actively engaged with its community and known for innovation and responsiveness.

MISSION

North Seattle Community College is committed to changing lives through education. We achieve our mission by offering comprehensive educational opportunities, creating a highly supportive learning environment, and engaging in effective and enduring partnerships.

NORTH / Welcome

NORTH / Welcome

FACTS at a Glance*

Annual attendance 2006-2007	15,975

FALL 2007 PROFILES

Students **

Median age	29.7
Ethnic diversity	40%
Male/female	38%/62%
With bachelor or higher degrees	27%
Employed	69%
full-time	43%
With dependents	30%
single parents	6%
Full-time/part-time attendance	29%/71%

Programs

Academic Transfer	41%
Workforce Education	29%
Basic Skills	11%
Continuing Education and Others	19%

Courses

State-funded	86%
Contract-supported	1%
Student-supported	13%

Special Enrollments

Distance Learning	3,096
Running Start	343
International Students	549
Worker Retraining	331

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

Specialized TRAINING CENTERS

Sand Point Education Center

(206) 527-3705
6208 60th Ave. NE, Seattle, WA 98115

Sand Point Education Center houses more than 100 Continuing Education classes. This former elementary school has a gymnasium, auditorium and stage, and spacious grounds that facilitate a variety of classes which promote both professional and personal growth. In addition to weekday and evening schedules, classes are also held on Friday nights, Saturdays and Sundays.

Academic & Student SUPPORT SERVICES

ADVISING

(206) 527-3658 ■ advisornorth@sccd.ctc.edu
www.northseattle.edu/enroll/advise/

Advising provides resources and assistance for students who are planning to transfer to a four-year college or those considering professional-technical programs. Advisors help students to select courses and programs to reach their educational goals. Students seeking degrees or certificates attend new student orientation sessions, where they receive information about North and their program of study, and are assisted in selecting classes. Currently enrolled students work with advisors to develop educational plans based on the degrees or certificates they are pursuing.

CAREER SERVICES and INTERNSHIPS

Career Services

(206) 527-3685 ■ careerservices@sccd.ctc.edu
www.northseattle.edu/services/career/

Career Services provides students with full-time and part-time job listings, job search training, labor market information, and assistance clarifying career and occupational goals. Career Services also has a computer lab with Internet access to support student job searches and career planning.

Internships

(206) 527-3686
www.northseattle.edu/services/internships/

Internships provide students with the opportunity to earn college credit while gaining practical work experience in their field of study. The Internship Program begins with CWE 101, which is a 2-credit course designed to assist students in developing an internship. Once an internship is developed, CWE 110 provides 3 credits for the internship.

CLASS SCHEDULE Quarterly

Each college produces a quarterly Class Schedule which lists the specific courses being offered that quarter. This schedule is available approximately six weeks before the start of each quarter in both printed and online formats. To receive a printed copy, call (206) 527-3600 to be put on the mailing list. To view or download the online class schedule, visit www.northseattle.edu/schedule.

COMPUTER Labs

(206) 527-3630
www.northseattle.edu/kiosk/netid/

Students at North have access to 70 computers in the Library and 50 more in the open computer lab in IB3303. In addition, all students with a NSCC NetID account can access the North wireless network from many areas on campus.

COUNSELING

(206) 527-3676
www.northseattle.edu/services/counseling/

The Counseling Center offers individual appointments, classes and workshops, and online self-help to aid students to identify career interests, select programs of study and investigate careers and majors. It also offers students assistance to improve concentration, study skills, test taking, time management, and other academic skills; to manage stress, crisis, and communication; and to strengthen emotional and social skills.

DISABILITY Services

(206) 527-3697
FAX (206) 985-3958
TTY (206) 526-0079
www.northseattle.edu/services/disability/

The role of Disability Services is to provide physical and programmatic accommodations to persons with documented disabilities. This office obtains and files disability-related documents, certifies eligibility for services, helps determine academic adjustments, and consults for the provision of such accommodations. Academic adjustments are provided to ensure access to all community college courses, programs, counseling, activities and facilities.

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

This office also offers consultations to faculty and staff to help design accommodations that provide equal access.

INTERNATIONAL Programs

(206) 527-3672 ■ international@sccd.ctc.edu
FAX (206) 527-3794
www.northseattle.edu/services/international/

International Programs (IP) oversees admissions, activities and services for students who have non-resident visas. IP processes admission applications for international students and assists them after admission. Contact this office for information about international admissions, or for assistance with academic issues, immigration regulations, housing or personal concerns. Field trips and other student activities promoting intercultural communication and enhanced experience of American culture are also provided by this office.

See page 22 for more information.

LIBRARY and MEDIA SERVICES

(206) 527-3607
http://dept.sccd.ctc.edu/nslib/

Library and Media Services offers a wide range of books, journals, magazines, videos, CDs, and DVDs for checkout or use in the library or classroom. Computer workstations provide access to the online library catalog, the Internet, databases, magazines, journals, newspapers, encyclopedias, and more. Students have access to the collections of all Seattle Community Colleges and a national library collection database. Librarians can help students take full advantage of library resources. The librarians also offer non-credit and for-credit classes in information literacy.

Media equipment available includes VCRs, televisions, DVD and CD players, slide projectors, sound systems, video cameras, and computers with data projectors. Listening/viewing carrels, individual study carrels and group study rooms are available throughout the library.

LIFELONG LEARNING College

(206) 527-3705
www.northseattle.edu/senior/

Because learning is a lifelong process, the college offers classes especially for those over 55. Classes are normally held during daytime hours on and off campus. Tuition ranges from $22.20 to $75 per five- to ten-week course. Students can register online, by phone or on campus.

TESTING Center

(206) 527-3674 ■ nscctestingcenter@sccd.ctc.edu
www.northseattle.edu/enroll/testing/

Students seeking a degree or certificate or enrolling in most English or mathematics classes must take placement tests prior to registration. These tests help the student and advisor to select appropriate classes. The placement tests are offered during weekly drop-in hours and at other posted times. ESL placement tests and GED exams require appointments. For testing schedule and detailed information, visit the website or the Testing Center.

TUTORING Services

The Loft (206) 526-0078
www.northseattle.edu/services/loft/

Math Learning Center (206) 527-3746

There are two major tutoring centers at North Seattle Community College and many departments offer subject-specific tutoring arranged through the department secretary.

The Loft Writing Center is located in the Library and offers tutoring assistance on reading, writing, listening or speaking assignments for any class offered at North. The multimedia lab in The Loft offers computer software intended to strengthen skills in reading, writing, listening, vocabulary, spelling and pronunciation in English and other languages.

The Math Learning Center is located in ED1845B and offers tutoring assistance to all students enrolled in math, science or computer science classes. Videotapes in basic math, algebra and trigonometry are available.

VETERANS' Services

(206) 527-3699
www.northseattle.edu/services/veteran.htm

The Veterans' Affairs office assists veterans, reservists, active duty personnel and eligible family members to receive VA educational benefits.

See page 28 for financial aid information.

Student LIFE

WOMEN'S Center

(206) 527-3696
www.northseattle.edu/services/women/

The Women's Center assists students, both women and men, who need information and referrals regarding housing, health care, child care, transitional housing, family planning and more. The center provides referrals for domestic violence, sexual assault, divorce, and personal and family counseling. It also sponsors programs on gender issues.

WORKFIRST Programs

(206) 527-3769 ■ nsccinfo@sccd.ctc.edu
www.northseattle.edu/programs/workforce/

The WorkFirst Program is designed for students receiving cash assistance from Temporary Assistance for Needy Families (TANF) and for low-income working parents who wish to upgrade their skills to prepare for better jobs. Participating students receive funding for tuition and books. North's WorkFirst Program components are described below.

Basic Education Program

This program offers the opportunity to earn a GED, prepare for career/technical programs, improve basic technology skills, learn life and time management skills and develop employable skills.

Job Skills Training

Job Skills Training offers short-term training certificate programs of 1 to 2 quarters in length. These certificate programs enable students to build a college credit base as they acquire solid industry-focused skills. Programs include Certified Nursing Assistant, Medical Assistant, Broadband Cable Technician, Customer Service and more.

High-Wage/High-Demand Job Training Program

The High-Wage/High-Demand Program provides certificates in programs that require a minimum of 3 to 4 quarters. These certificate programs are for high-demand occupations in the Seattle/King County area that offer average starting wages of more than $15 an hour. Programs include Computerized Accounting, Medical or Legal Assistant, IT for Healthcare and more.

Work Study

Work Study enables students to meet their work requirements through part-time employment on campus. Students who are enrolled in ABE/GED classes or program prerequisite classes may "stack" their activities by working 19.5 hours per week. Earnings from Work-Study may affect a student's food stamp allocation.

ART Gallery

(206) 528-4557
www.northseattle.edu/services/art.htm

The Art Gallery offers exhibits and activities. It is located in IB 1322A, near the Bookstore.

Hours: 11:00 a.m.–3:00 p.m. Weekdays
          5:00 p.m.–8:00 p.m. W-Th evenings

BOOKSTORE

(206) 527-3637
www.northseattle.edu/services/bookstore.htm

The Bookstore is well-stocked with new and used textbooks, supplemental course materials, general interest books, school supplies, and sundry items. The Bookstore offers a year-round textbook buy-back service.

CHILDCARE Center

(206) 527-3644
www.northseattle.edu/services/childcare/

The Child Care Center provides an affordable, convenient, and educational child care setting for the children of North students. Licensed by the Department of Health & Human Services, the Center serves approximately 65 children from 18 months to 5 years old. Call for a tour and fee information.

Hours: 7:30 a.m.–4:00 p.m. Monday through Friday

FOOD Services

(206) 528-4403

North provides three dining areas: the North Star Cafe, Munch Mart, and Espresso Lounge. Food service is available in the cafe during the academic quarter, but not during quarter breaks. Limited food service is available in the Munch Mart during quarter breaks.

HOUSING

(206) 527-3641 ■ nsccinfo@sccd.ctc.edu

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

NORTH / Student Life

SAFETY & SECURITY

(206) 527-3636
http://www.northseattle.edu/services/security

The well-being and safety of students are of utmost importance. The office provides notices of possible threats, provides security services and maintains a campus crime log. In the event of an on-campus crime, serious accident or injury, students should call 911 first, and then notify campus security. Contact the office for non-life threatening incidents or injuries as well. Campus pay phones are programmed for one-button, free calls to security and 911.

See page 37 for additional information on personal safety.

STAGE ONE THEATER

(206) 527-3661

Stage One Theater presents a major theatrical production each quarter. These productions offer students the opportunity to work as performers, designers, stage managers, technicians and other positions, often learning alongside professional directors and guest performers.

Student ATHLETICS

(206) 527-3745 Men's Basketball Program
(206) 527-3773 Women's Basketball Program
www.northseattle.edu/services/athletics/

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

Student CLUBS

(206) 527-3641 ■ nsccinfo@sccd.ctc.edu

Clubs provide students with opportunities to develop leadership skills and to promote personal and intellectual growth. Participation provides experience in planning, organizing and working in teams. For information about the types of student clubs, contact the program coordinator or visit the Student Leadership and Multicultural Programs Department in the College Center building.

Student GOVERNMENT

(206) 527-3641
www.northseattle.edu/services/govt.htm

The Student Leadership Council, North's official student government, identifies and represents the interests of the student body to the college administration. Members work collaboratively with campus staff to provide programs and services that enhance and support students' academic success. Members receive a stipend, training and mentoring designed to strengthen their leadership skills and to provide them with a foundation for success.

Student INSURANCE

For information on student injury and sickness insurance, contact the Cashier's Office at 206-527-3627.

See page 32 for information on Student Insurance.

Student LEADERSHIP & MULTICULTURAL Programs

(206) 527-3643 ■ nsccinfo@sccd.ctc.edu
www.northseattle.edu/services/sleaders.htm.

These programs provide opportunities for students to develop leadership skills, foster intellectual and personal growth, and network and grow friendships through participating in co-curricular and leisure activities in a welcoming, supportive environment that values, celebrates and reflects diversity.

The program designs student-centered programs that complement learning, build leadership skills, shape campus policies and procedures, promote student participation, instill personal confidence, and encourage goal setting and values clarification to develop responsible citizens for a multicultural and global society.

TRANSPORTATION & PARKING

(206) 526-0060
www.northseattle.edu/services/transport.htm.

North is served by several Metro bus routes. Carpooling, walking, busing, biking and van pooling are encouraged and incentives may be provided. Contact the transportation coordinator in security at 526-0060 for more information. Student Metro bus passes can be purchased at the Cashier's Office at special discounted rates.

Parking

(206) 527-3636

On-campus parking is available to those students who buy a permit. Due to space limitations, students are advised to buy a parking permit when registering. State motor vehicle laws and city traffic codes are strictly enforced. The campus speed limit is 15 m.p.h.

WELLNESS CENTER/Student Recreation

(206) 527-3631
Information Line   (206) 527-3649
www.northseattle.edu/services/wellness/

The Wellness Center offers a variety of fitness activities such as yoga, Pilates, resistance training and cardio-vascular training. The Wellness Center fee of $1 per credit entitles students to use the facility and to participate in free, drop-in sessions.

AFFILIATE Organizations

ALUMNI Association

(206) 527-3604
www.northseattle.edu/info/alumni.htm

The Alumni Association of North Seattle Community College was established to build and sustain meaningful relationships with our former students in order to foster the success of current and future students. All students who have attended the college, even if they did not complete a certificate or degree, are considered alumni. The goals of the Alumni Association are to provide alumni recognition; encourage participation in lifelong learning; offer professional development and networking opportunities; establish volunteer opportunities, including mentorship for current students; and gather feedback to enhance college programs and services. Membership is free. Join online at www.northseattle.edu/edfund/alumni.htm.

North Seattle Community College EDUCATION FUND

(206) 527-3604 ■ nscceducationfund@sccd.ctc.edu
www.northseattle.edu/edfund/

A non-profit 501(c)(3) organization guided by a Board of Directors comprised of community and business leaders, the Education Fund works to provide support for students by providing tuition scholarships and emergency assistance (short-term loans to cover transportation, books, utilities, and other expenses); by providing professional development grants for faculty and staff; and by facilitating in-kind donations of instructional equipment. Students and NSCC employees interested in scholarship and grant applications should contact the Education Fund office.

NORTH / Student Life

PROGRAMS OF STUDY at North

8 Educational Directions

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

GENERAL EDUCATION
Definition and Rationale

See page 4.

GENERAL EDUCATION
Learning Outcomes

Students will...

- Think critically in reading and writing
- Use quantitative reasoning processes
- Communicate creative and critical ideas in writing
- Access, evaluate and apply information from a variety of sources
- Apply computer competency to goals
- Work and communicate effectively in groups
- Deal constructively with diversity issues and conflict
- Understand ideas that shape human history and cultures
- Understand artistic expression as an essential human phenomenon
- Identify and understand principles of physical and life sciences
- Understand the individual and his/her relationship to community
- Understand the United States as a multicultural society
- Understand the elements of a global society

An expanded version of these outcomes is available at www.northseattle.edu/info/outcomes.htm.

ASSOCIATE OF SCIENCE DEGREE
Learning Outcomes

Students completing the Associate of Science degree should:

- Recognize the interdisciplinary nature of the sciences and use scientific inquiry to critically evaluate a proposal, claim, process or theory.
- Generate significant questions about the physical world and use the tools of science or engineering to design and conduct an experiment; draw conclusions based on a systematic collection and analysis of qualitative and quantitative data.
- Recognize and interpret the meaning of quantitative and mathematical symbols and apply appropriate logic, tools, and processes to make meaningful decisions and solve problems. Utilize multiple representations, including graphical, symbolic, numerical, and narrative, to analyze and solve problems.
- Obtain, comprehend, analyze, evaluate, internalize and act upon knowledge in order to understand and communicate complex scientific systems and reasoning.
- Use appropriate documentation to exchange spoken, written, and visual information in order to communicate effectively and to participate as an effective team member within the scientific community and other appropriate settings.
- Apply scientific or technical knowledge and practice to a variety of disciplines in order to understand issues, solve problems and engage in responsible practices.
- Apply modes of inquiry from the social sciences to issues and problems found in individuals' lives and work, in their local, national, and global communities, and to find effective and ethical solutions to society's problems and challenges.
- Explore, interpret and represent human experience through the arts.

1 | ACADEMICS
College Transfer at North

ACADEMIC PROGRAMS

(206) 527-7306

North Seattle Community College offers a full range of college transfer courses that apply toward a four-year program of study. In addition to the Associate of Arts (A.A.) and Associate of Science (A.S.) degrees, North also offers an Associate in Business (A.B.) degree, and Associate of Fine Arts (A.F.A.) degrees in Art and Music.

For complete information on the A.A. degree, see pages 7–10.

Students are encouraged to complete a two-year degree program for greater ease of transfer to a four-year institution, but can take individual classes for transfer. It is strongly recommended that students confer with an academic advisor to ensure course transferability.

Students planning to earn an A.A., A.F.A., A.B. or A.S. degree must meet minimum standards of preparation. Those whose records and test scores indicate a need for additional preparation may be required to complete preliminary work in the college preparatory program.

College transfer courses are offered in several disciplines, including:

- American Ethnic Studies
- Anthropology
- Art
- Astronomy
- Biology
- Botany
- Business
- Chemistry
- Communications
- Computer Science
- Earth Science
- Economics
- Engineering
- English
- Environmental Science
- Geography
- Geology
- Global Studies
- Health
- History
- Humanities
- Languages & Literature
- Mathematics
- Meteorology
- Music
- Nanotechnology
- Nutrition
- Oceanography
- Philosophy
- Physics
- Political Science
- Science
- Service Learning
- Social Science
- Sociology
- Theater
- Women Studies

These fields of study are grouped into three Areas of Knowledge and are included throughout the A.A. degree curriculum.

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

ASSOCIATE OF SCIENCE DEGREE (A.S.)
Direct Transfer Agreement

The Associate of Science (A.S.) is also intended to be a transfer degree. However, there are certain major areas of study in which the student may not be able to take all the courses necessary to transfer with junior standing. Please contact an advisor for more information on this degree program.

A.S. degree requirements include satisfactory completion of at least 90 approved credits with a 2.0 cumulative GPA. At least 15 college level credits must be earned at the Seattle Community College granting the degree.

Associate of Science **TRANSFER**

The Associate of Science transfer degree is intended for students who wish to transfer as juniors to four-year institutions in the state of Washington.

A.S. degree requirements include satisfactory completion of at least 90 approved credits with a 2.0 cumulative GPA. At least 15 college level credits must be earned at the Seattle Community College granting the degree.

Two different study options are offered:

(1) biological sciences, environmental/resources sciences, chemistry, geology and earth sciences

(2) engineering, computer science, physics and atmospheric science.

Course requirements and GPAs vary from one transfer university to another. Contact an advisor.

NORTH / Programs of Study

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

This business degree is designed for students who plan to transfer in the area of business studies. It will satisfy the lower division general education (core) requirements and the lower division business requirements at Washington's public four-year colleges and universities.

Associate in Business Requirements

This degree shall be granted only to students who have completed 90 college level credits with a minimum cumulative grade point average of at least 2.0 , and a 2.0 minimum in ENGL& 101 & 102, POLS& 200 or BUS 210 or MATH 109, ECON& 201 & 202, MATH& 148 or 151, ACCT& 201, 202, & 203. At least 15 college credits must be at North.

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

GENERAL EDUCATION REQUIREMENTS

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

Quantitative/Symbolic Reasoning Skills
MATH& 146   Intro to Statistics
-OR-
MATH   109   Elementary Statistics 5

Visual, Literary, and Performing Arts
Choose from a minimum of two different prefixes*   15

Individuals, Cultures, and Societies
ECON& 201   Micro Economics 5
ECON& 202   Macro Economics. 5
Non-ECON& prefix course. 5

The Natural World
MATH& 148   Business Calculus** 5
Physical, biological, and/or earth sciences 10
> (at least one 5-credit laboratory course must be included)

BUSINESS REQUIREMENTS

ACCT& 201   Principles of Accounting I 5
ACCT& 202   Principles of Accounting II 5
ACCT& 203   Principles of Accounting III 5
POLS& 200   Intro to Law 5
General Electives*** 10

TOTAL CREDITS   90

> * A minimum of 5 credits must come from a U.S. Cultures course in Visual, Literary, and Performing Arts or Individuals, Cultures, and Societies.
>
> ** MATH& 151 or 124 (Calculus with Analytic Geometry II) may be substituted.

> *** Highly recommended as general electives: BUS& 101 as early as possible and BUS 215.

Special Opportunities for
UPPER DIVISION COURSES

UNIVERSITY OF WASHINGTON BOTHELL
(206) 527-3658 (NSCC Advising Services)

North and the University of Washington-Bothell offer dual enrollment for students pursuing a bachelor's degree in business, computer science, or interdisciplinary studies. After earning their first 45 credits, students can apply for dual enrollment. Students complete their associate's degree at NSCC while taking upper-level courses at UW-Bothell.

WESTERN WASHINGTON UNIVERSITY AT
NORTH SEATTLE COMMUNITY COLLEGE
(206) 527-3719
www.wce.wwu.edu/Depts/TEOP/Seattle/Index.shtml/

Western Washington University's Teacher Education Outreach Program offers the following evening programs at North Seattle Community College: Elementary Teacher Education, B.A.E., with Special Education major and Elementary Teacher Certification; Secondary Teacher Education, M.I.T. and Secondary Teacher Certification.

Degrees & Certificates in FINE ARTS
Arts, Humanities and ABE Division
(206) 527-3709

A Certificate of Fine Arts is offered in Art, Jewelry Design and Drama, and an Associate of Fine Arts degree is offered in Art and Music. Students must complete at least 15 college transfer level credits (numbered 100 or above) with a GPA 2.0 or better at North Seattle Community College.

Certificate of Fine Arts in Art

Candidates for the Certificate of Arts (C.F.A.) in the field of Art must complete a minimum of 85 credits in college transfer-level courses (numbered 100 and above) with a GPA of 2.0 or better. At least 15 of these credits must be taken at North. The C.F.A. certifies completion of approved work and is suitable for art professionals, but it is not a transfer or workforce certificate. Please see the Associate of Fine Arts degree for transfer information.

Art students are required to be advised by a full-time art faculty member. Some art courses are offered only once a year, so consultation is critical. Any course substitutions require approval. Faculty recommends two studio courses per quarter as maximum. Although it may be possible to

complete the C.F.A. in two years, more time is encouraged to better assimilate skills and allow for more flexible scheduling. Students must submit a portfolio of at least 8 pieces during their final quarter for final approval by faculty, in order to be granted the C.F.A..

Most General Education requirements are met by art course content (communication by ART 251, 252, 253; human relations by ART 290); however, students must take a 5-credit computation course.

REQUIRED ART COURSES

ART& 101 Design 5
ART 102 3-D Design 5
ART 111 Drawing. 5
ART 112 Figure Drawing. 5
ART 113 Figure Drawing. 5
ART 251, 252, 253 Art History (5 ea.). 15
ART 290 The Art Business 5
ART ELECTIVES *(either group)** 4-5
ART Electives – group I*. 15
ART Electives – group 2* 12-15

GENERAL EDUCATION REQUIREMENT

Computation Course. 5
> *Select from MATH& 107 or higher, BUS 116 or ACCT 110 or higher.*

TOTAL CREDITS   76-80

*APPROVED ART ELECTIVES
> *Approved Art Electives must be taken in sequence; however, completion of a sequence is not required.*

Group 1: 2-Dimensional Art

ART 110 Visualizing Science & Technology. 5
ART 114, 115 Digital Photography. . . . . 5 ea.
ART 121, 122, 123 Printmaking . . . . 5 ea.
ART 201, 203 Painting . . . . 5 ea.
ART 205, 206, 207 Watercolor . . . . 5 ea.
ART 210, 214 Computer Art. . . . . 5 ea.

Group 2: 3-Dimensional Art

ART 211, 212, 213 Sculpture . . . . 5 ea.
ART 221, 222, 223 Ceramics . . . . 5 ea.
ART 281, 282, 283 Jewelry Design . . . . 5 ea.
ART 285 Metal Techniques for Small-Scale Sculpture. 5

Associate of Fine Arts Degree in Art (A.F.A.)

Candidates for the Associate of Fine Arts in Art must complete a minimum of 100 college transfer-level course credits (numbered 100 or above) with a GPA of 2.0 or higher. At least 15 credits must be earned at North Seattle Community College.

The A.F.A. degree does not currently transfer with the same transfer rights to area colleges as the A.A. degree does. However, it is accepted by The Evergreen State College and some other colleges. Students seeking a Bachelor of Arts or Bachelor of Fine Arts degree should

consult North's A.A. degree requirements, their art advisor, and the university to which they intend to transfer about equivalency requirements.

All A.F.A. students in art must have an art advisor to plan their program. All studio art courses must be taken in sequence. Not all courses are offered each quarter. Substitutions require approval.

Along with the art course requirements, the A.F.A. in Art has General Education requirements. During the final quarter students must submit a portfolio of at least 8 pieces for evaluation.

REQUIRED ART COURSES

ART 101 Design. 5
ART 102 3-D Design 5
ART 111 Drawing. 5
ART 112 Figure Drawing. 5
ART 113 Figure Drawing. 5
ART 251, 252, 253 Art History (5 ea.). 15
ART 290 The Art Business 5
APPROVED ART ELECTIVES* 20-25

GENERAL EDUCATION REQUIREMENTS

ENGL& 101, 102 Composition (5 ea.). 10
Computation course 5
> *Select from MATH& 107 or higher, BUS 116, BUS 152 or ACCT 110 or higher.*

Visual, Literary & Performing Arts course (non-Art) 5
Individuals, Cultures & Societies course. 5
The Natural World course. 5

TOTAL CREDITS   95-100

*APPROVED ART ELECTIVES
> *Approved Art Electives must be taken in sequence; however, completion of a sequence is not required.*

Group 1: 2-Dimensional Art

ART 110 Visualizing Science & Technology. 5
ART 114, 115 Digital Photography. . . . . 5 ea.
ART 121, 122, 123 Printmaking . . . . 5 ea.
ART 201, 203 Painting . . . . 5 ea.
ART 205, 206, 207 Watercolor . . . . 5 ea.
ART 210, 214 Computer Art. . . . . 5 ea.

Group 2: 3-Dimensional Art

ART 211, 212, 213 Sculpture . . . . 5 ea.
ART 221, 222, 223 Ceramics . . . . 5 ea.
ART 281, 282, 283 Jewelry Design . . . . 5 ea.
ART 285 Metal Techniques for Small-Scale Sculpture. 5

Certificate in Jewelry Design (C.J.D.)

Candidates for the Certificate in Jewelry Design must complete 60 credits in college transfer-level (numbered 100 and above) courses with a GPA of 2.5 or better. The required jewelry design classes (25 credits) must be taken at North Seattle Community College. Upon completion of the required courses, a student must exhibit at an approved venue a solid body of work expressing their mastery of materials. Final approval and recommendation to award the CJD rests with the art faculty.

The Certificate in Jewelry Design certifies completion of approved work, and is suitable for students currently working in art, but it is not a transfer or workforce certificate. Students seeking a B.A. or B.F.A. should consult NSCC Associate of Arts degree requirements and the graduation requirements of the university to which they intend to transfer.

All CJD art students must plan their program with an art advisor. Some of the art courses are offered only once a year, so consultation is critical. This certificate is a 4-quarter program that can be completed in the following Summer Quarter. Substitution may be made only with the approval of the art advisor and the Dean of Arts, Humanities & ABE.

Most General Education requirements for this certificate are met by course content in various art courses: Communications by ART 251, 252, 253; Human Relations by CMST 210& or CMN 125 or CMST& 230 or 165; however, students must take a 5-credit computation course (ACCT 110 or above).

REQUIRED JEWELRY DESIGN COURSES

ART 281 Jewelry Design I	5
ART 282 Jewelry Design II	5
ART 283 Intro to Alloying & Casting	5
ART 284 Bench Techniques & Practices	5
ART 285 Metal Techniques for Small Scale Sculpture	5

REQUIRED ART COURSES

ART 251, 252, 253 Art History	5
ART 101 Design	5
ART 111 Drawing	5
ART 210 Computer Art	5
ART 290 The Art Business	5

GENERAL EDUCATION REQUIREMENTS

Communication course
> *Met by ART 251, 252, 253 above*

Human Relations course	5

> *Select from CMST& 210 or 230*

Computation course	5

> *Select ACCT 110 or above*

TOTAL CREDITS	**60**

Certificate in Fine Arts (C.F.A.) in Acting

Candidates for the Certificate in Fine Arts in Acting must have successfully completed 90 quarter hours in college transfer-level (numbered 100 and above) courses with a GPA of 2.0 or better. At least 30 credits must be earned at North Seattle Community College and the final quarter of enrollment must be at NSCC.

The Certificate in Fine Arts: Acting is not a transfer program, so students seeking a B.A. or B.F.A. in Drama should consult the degree requirements for the Associate of Arts degree at NSCC and the graduation requirements for the university at which they intend to enroll. C.F.A. students in drama must have a drama advisor so that they can plan their two-year program. Students who wish to receive this certificate must submit a portfolio of work and/or a special performance during their final quarter for evaluation by the drama faculty. The specific courses are to be planned with the drama advisor who will also review and recommend final certification. Substitutions may be made only with the approval of the drama advisor and Humanities Associate Dean.

General Education requirements of 5 credits each are met by communication, computation and human relations courses.

REQUIRED DRAMA COURSES

DRMA 121 Beginning Acting	5
DRMA& 101 Intro to Theatre	5
DRMA 122, 123 Intermediate Acting (5 ea.)	10
DRMA 221, 222, 223 Advanced Acting (5 ea.)	15
DRMA 298 Portfolio or Public Performance	5

DRAMA-RELATED ELECTIVES	**20-25**

> *Select 20 credits from the Drama-related list below.*

TECHNICAL THEATER ELECTIVES	**15**

> *Select 15 credits from Technical Theater list below.*

GENERAL EDUCATION REQUIREMENTS

> *All General Education credits should be completed by 4th quarter.*

Communication course	5

> *Select from CMST& 101, 220, 230 (5 ea.)*

Computation course	5

> *Select from MATH& 107, BUS 116 or ACCT 110 (5 ea.) or MATH 110 (3 credits)*

Human Relations course	5

> *Select from PSYC 245, SOC 102 or PSYC& 100 (5 ea.)*

TOTAL CREDITS	**90**

DRAMA-RELATED ELECTIVES

> *Choose 20 credits from*

ART& 100	5
ART 251, 252, 253	5 ea.
DRMA 116	4
DRMA 108, 109, 110, 200, 201, 202, 271, 272, 273, 291, 292, 293, 298	variable 2-5
ENGL& 112, 224, 225, 226, 227, 228, 244, 245, 246	5 ea.
ENGL 258	5

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HUM 104, 110, 200 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5 ea.
MUSC 100  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
MUSC 121, 122, 123, 126, 127, 128 . . . . . . . . . . . . . . . . 2 ea.
MUSC 140  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . variable 1-5
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TECHNICAL THEATER ELECTIVES

To be taken for 2-5 credits each, in at least 3 different quarters. Students should arrange their credit needs before enrolling.

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DRMA 211, 224, 231, 241, 251, 261 . . . . . . . . . . . variable 2-5
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Associate of Fine Arts in Music (A.F.A. Degree)

Candidates for the Associate of Fine Arts in Music must complete at least 92 credits in college transfer-level courses (numbered 100 and above) with a GPA of 2.0 or higher. At least 15 credits must be earned at North Seattle Community College.

The A.F.A. in Music is a degree that not only allows music majors to obtain required transfer courses, but also rewards successful students for their work at North. The A.F.A. is not universally recognized as a transfer degree like the A.A. degree, but all courses are currently transferable. Students seeking a Bachelor of Arts degree with a music major should consult both the Seattle Community Colleges A.A. degree requirements and those of the university to which they intend to transfer. All A.F.A. in Music candidates must have a music advisor. During the final quarter students must present a special performance/project/recital for evaluation by the music faculty.

REQUIRED MUSIC COURSES

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MUSC& 141 Music Theory I . . . . . . . . . . . . . . . . . . . . . . . . . . 5
MUSC& 142 Music Theory II . . . . . . . . . . . . . . . . . . . . . . . . . 5
MUSC& 143 Music Theory III . . . . . . . . . . . . . . . . . . . . . . . . 5
MUSC 123, 221, 222, 223* (2 ea.) . . . . . . . . . . . . . . . . . . . 8
MUSC& 231, 232, 233 Music Theory IV, V, VI** (3 ea.) . . . . . . 9
MUSC 299 Practicum in Music . . . . . . . . . . . . . . . . . . . . . . . 1
Piano Class*  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4
Performance Group*** . . . . . . . . . . . . . . . . . . . . . . . . . 12-30
Applied Music . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5-10
Related Elective. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
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GENERAL EDUCATION ELECTIVES

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Computation course . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3-5
Visual, Literary & Performing Arts course . . . . . . . . . . . . . . . . 5
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Suggested course: DRA 121 Acting
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Individuals, Cultures & Societies course. . . . . . . . . . . . . . . . . 5
The Natural World . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
U.S. Cultures or Global Studies . . . . . . . . . . . . . . . . . . . . . . 5
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TOTAL CREDITS                                              92-117
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* Piano proficiency required; if proficient, may substitute vocal or instrumental classes; choose MUSC 126, 127, 128 or MUSC 221, 222, 223.

** Currently this requirement is met by MUS 130 and 299. See advisor for information.

*** Majors are urged to participate in more than one performance group for added ensemble experience.

2 | ADULT BASIC EDUCATION ESL

**Arts, Humanities & Adult Basic Education Division
(206) 527-3709**

ADULT BASIC EDUCATION

(206) 527-7303

Adult Basic Education (ABE) provides instruction for those who want to improve basic English and math skills or earn a GED in order to get better jobs, continue their education, and improve their lives.

Students must attend an orientation session and meet with the adult education advisor to enroll and to receive details. See course descriptions under Adult Basic Education for details and call the office for fees.

To take ABE classes, a student must be a U.S. citizen, have permanent resident status, or have a green card. Students with different visa status, for example B2, F2, or J2, should visit the Office of International Students Programs in room CC 2357, or call (206) 527-3672.

Each of the programs in this area is designed to meet a particular set of student needs.

PRE-COLLEGE COURSES

(206) 527-7303

Many students entering college or returning after some time need additional work to prepare for college courses. The Seattle Community Colleges offer a series of courses in English, mathematics and human development. Placement is determined by performance on entrance tests required for admission to the specific college program. Courses in this category are those numbered below 100. Look in the course description sections for English, mathematics and human development.

ENGLISH AS A SECOND LANGUAGE

(206) 527-7303

English as a Second Language classes are offered to help non-English speaking persons understand, speak, read and write English in order to carry out daily personal activities, to get, keep or advance in a job, continue their educational goals, or increase their understanding of American culture.

Classes are designed for pre-literate to high-intermediate levels. For a student to be eligible for ESL classes, he or she must be a U.S. citizen, have permanent resident status, or be a refugee or immigrant. Emphasis is on improving skills for listening, speaking, reading and writing. See course descriptions under English as a Second Language for details. Contact the ESL advisor or Testing Office for placement test information and fees. Contact the ESL advisor or the Admissions/Registration Office to begin classes.

Classes for international students are also available. See page 22.

3 | CAREERS
Professional-Technical Programs

See pages 94–120 for this list of programs at North.

4 | CONTINUING
Education

CONTINUING EDUCATION CLASSES

(Non-credit and non-graded classes)
(206) 527-3705
www.learnatnorth.org

Continuing Education classes are non-credit and non-graded. Believing that learning is a life-long process of discovery and adventure, North's Continuing Education program provides non-credit courses to adults who wish to update or learn a new skill or explore a new interest. Students can select from more than 300 classes in the areas of art and crafts, business, cooking, computer classes (ranging from entry-level to Cisco, Web Designer and .net applications), personal finance, music and drama, photography, travel, and sports and exercise. In addition to classes, North's Continuing Education sponsors monthly business networking breakfasts.

For more information and a full class listing, visit us online.

CUSTOMIZED BUSINESS TRAINING

(206) 985-3980

Customized training allows a company to respond to the need to upgrade and expand the technical and professional skills of its employees. Classes are provided at the company's site or at one of our convenient locations.

5 | E-LEARNING/
Distance Learning

(206) 527-3738
www.virtualcollege.org

North offers some credit courses that require fewer (if any) campus visits. Online classes are designed so students can keep in close contact with their instructors using virtual bulletin boards, discussion rooms and/or email. Hybrid courses blend on-campus and "virtual" classroom instruction, saving travel time and expense. Student/teacher ratios in these classes are the same as classes held on campus. All distance learning classes transfer the same as on-campus credit classes. Students can earn an A.A. degree completely online or with many fewer campus visits.

See page 16 for complete information on all distance learning options.

6 | HIGH SCHOOL—COLLEGE

North offers several options for high school students who would like to begin college classes during high school, and other options for those who have not completed high school.

HIGH SCHOOL/COLLEGE LINKS

Running Start

(206) 527-3682
http://www.runstart.northseattle.edu

The Running Start program gives academically motivated high school students who are at the 11th or 12th grade level, and whose test scores place them in college-level coursework, the opportunity to take college-level courses for high school and college credit at the same time.

See page 19 for more detail.

TechPrep

(206) 903-3222

Students earn college credit while in high school and start their careers in fields such as accounting, business communications, Cisco programs, computer applications, information technology, marketing, medical assisting, drafting and many others. High school courses counted as college credit allow students to earn an Associate of Applied Science degree or industry-specific certificate faster. Tech Prep is tuition-free.

See page 19 for more detail.

Upward Bound

(206) 527-3691
http://webshares.northseattle.edu/upwardbound/

Upward Bound, a program funded by the Department of Education, provides high school students with services that support better academic performance during high school and prepares them for college admissions. The program serves potential first generation college students and students from low-income households from four area high schools: Franklin, Roosevelt, Summit K-12 and Indian Heritage Middle College.

Upward Bound offers support to its program participants throughout the year. Academic year services include after-school sessions, tutoring, academic advising, college preparation, field trips and cultural events. In the summer, students gather on the North campus for seven weeks of academic classes and activities to simulate the experience of college.

See page 20 for more detail.

Career Link Academy

(206) 528-4517

Career Link Academy at North is closing as of June 30, 2008. See page 19 for programs on other campuses.

GED PREPARATION

Arts, Humanities & Adult Basic Education Division
(206) 527-7303

The General Educational Development (GED) is a certificate of successful completion of the five-part GED test (reading, writing, social studies, science, and math). It is an equivalent of a high school education and is usually accepted in place of a diploma. The GED Preparation program prepares adult students 18 and older to take the exams. Students review reading, math, grammar, writing, and test-taking. These classes stress math for practical problem-solving, English usage, and reading comprehension and test-taking skills.

PREREQUISITE: Placement by orientation coordinator or instructor permission.

GED 050	GED Test Preparation
GED 051	GED Math
GED 060	Advanced GED Preparation
GED 061	Advanced GED Math

See page 20 for additional information.

HIGH SCHOOL COMPLETION

Arts, Humanities & Adult Basic Education Division
(206) 527-7303
www.northseattle.edu/programs/prep/highschl.htm

High School Completion offers students 19 years of age and older who have not completed work for a high school diploma, the opportunity to earn a diploma by taking specific courses at North and the other Seattle Community Colleges for high school credit. Students still need to meet their WASL requirements for graduation.

See page 21 for details on two options for high school completion.

NORTH / Programs of Study

7 | INTERNATIONAL
Programs

(206) 527-3672 ■ **international@sccd.ctc.edu**
FAX (206) 527-3794
www.northseattle.edu/services/international/

North Seattle Community College serves over 400 students from 50 countries who study in North's International ESL, career training or college transfer programs. Many are also active in campus activities and organizations. New students must take either the ESL Placement Test or the COMPASS (college level) Test before starting school. Students who take the TOEFL test must have scores sent directly to North.

A three-day orientation program helps students begin a successful academic experience. The International Programs office is dedicated to helping students succeed in their studies and adjust to life in Seattle, offering assistance with admissions, academic and immigration advising, scholarships and housing.

Students study at different levels based on their English proficiency. Quarterly classes develop skills in conversation, listening, reading, writing, grammar, study skills, note-taking, vocabulary, and American culture.

Advanced students may take regular college classes. Successful completion of the IESL program enables those who plan to become North Seattle Community College students to enter one of the college's academic or technical programs.

See pages 22–23 for more information.

TRAVEL/STUDY ABROAD

(206) 587-3806

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

8 | WORKER
RETRAINING Program

WORKER RETRAINING

(206) 527-3787
www.northseattle.edu/wrp

The Worker Retraining program offers a variety of services to individuals who have been laid off and are collecting unemployment insurance, have been issued a WARN notice, are displaced homemakers or had to close a small business due to economic downturns. It also serves vulnerable workers - those individuals who are currently working and meet 2 or 3 following criteria:

- Their job is "not in demand"
- They do not have a degree or certificate of 45 credits
- They must upgrade their skills in order to remain employed in their current job

To get started on a new career, interested individuals should attend a Worker Retraining orientation session. Worker Retraining helps recipients to gain new skills in order to return to the workforce in competitive wage jobs. Services may include:

- Tuition assistance (subject to income guidelines and availability of funds)
- Help with applying for other funding such as Workforce Investment Act (WIA), Food Stamp Employment and Training Program, or regular financial aid
- Educational planning
- Interest assessment
- Career advising/counseling
- Job search skills
- Internships
- Job placement

Visit www.northseattle.edu/wrp or see page 24 for additional information on the Worker Retraining Program.

Professional / Technical PROGRAMS

North Seattle Community College offers more than 40 degrees and certificates in workforce education areas. The programs (varying in length from one to seven quarters) are designed to prepare students for careers and/or to expand skills in their career area. North Seattle Community College, including these programs, is accredited by the Northwest Commission of Colleges and Universities.

ACCOUNTING

**Business, Engineering, &
Information Technologies Division**

(206) 527-3730

The Accounting program provides in-depth study in the field of accounting and advanced accounting studies for those preparing to take professional examinations. It leads to an accounting certificate or associate's degree and prepares graduates for employment in the industry.

It is recommended that three-quarter accounting sequences (e.g., 210, 230) be completed at the same campus.

Accounting

This two-year program prepares students for immediate accounting and future supervisory positions. The program includes accounting and business skills as well as college transfer and supporting courses designed to strengthen the students' self-assurance and leadership qualities.

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

TECHNICAL SPECIALTY COURSES

ACCT	110	Intro to Accounting/Bookkeeping I	5
ACCT	131	QuickBooks	5
ACCT&	201	Principles of Accounting I	5
ACCT&	202	Principles of Accounting II	5
ACCT	250	Accounting Capstone Course	5
ACCT&	203	Principles of Accounting III	5
ACCT	255	Federal Income Tax I	5
ACCT	257	Business Tax Accounting	5
ACCT	260	Peachtree Accounting	5
ACCT	261	Advanced Computerized Accounting	5
ACCT	265	Accounting for Not-For-Profit & Governmental Entities	5

RELATED INSTRUCTION

BUS	124	Excel for Business	5
BUS	131	Integrated Communications I	5
BUS	169	Using Computers in Business	5
POLS&	200	Intro to Law	5
BUS	210	Business & Economic Statistics	5
BUS	236	Interpersonal Communications in the Workplace	5
CWE	110	Internship	3

GENERAL EDUCATION COURSES

Electives * 10

> ** Must be selected from approved list of General Education courses; 5 credits U.S. Cultures or Global Studies and 5 from remaining areas. Recommended: ECON& 201 or ECON& 202.*

TOTAL CREDITS   98

Accounting Paraprofessional

This program prepares graduates for bookkeeping careers and general office employment. Normally completed in four quarters, the curriculum includes critical thinking, values, and cultural understanding. Courses outside accounting support skills and knowledge used in accounting and general office fields.

Certificate

TECHNICAL SPECIALTY COURSES

ACCT	110	Intro to Accounting/Bookkeeping I	5
ACCT	120	Intro to Accounting/Bookkeeping II	5
ACCT	130	Intro to Accounting/Bookkeeping III	5
ACCT	131	QuickBooks	5
ACCT	255	Federal Income Tax I	5
ACCT	257	Business Tax Accounting	5

RELATED INSTRUCTION

BUS	115	Computational Skillbuilding	2
BUS	116	Business Math/Spreadsheets	5
BUS	124	Excel for Business	5
BUS	131	Integrated Communications I	5
BUS	169	Using Computers in Business *	5
BUS	236	Interpersonal Communications for the Workplace **	5
CWE	110	Internship	3

> ** IT 101 may be substituted for BUS 169*
>
> *** BUS 235 may be substituted for BUS 236.*

TOTAL CREDITS   60

Certificate of Accountancy

This program is designed for those students who already have a four-year degree and who want to meet the educational requirements to take the Certified Public Accounting (CPA) Examination.

Certificate
TECHNICAL SPECIALTY COURSES

ACCT&	201	Principles of Accounting I	5
ACCT&	202	Principles of Accounting II	5
ACCT&	203	Principles of Accounting III	5
ACCT	251	Intermediate Accounting I	5
ACCT	252	Intermediate Accounting II	5
ACCT	265	Accounting for Not-For-Profit & Governmental Entities	5
ACCT	270	Cost Accounting	5
ACCT	275	Auditing	5
TOTAL CREDITS			40

Computerized Accounting Technology

This certificate is a four-quarter program that provides computerized accounting skills using state-of-the-art accounting software. The program bridges the gap between manual and computerized accounting systems in basic, mid-range, and sophisticated accounting systems. It provides graduates with viable entry and/or advancement in the accounting job market with large and small organizations.

Certificate
REQUIRED COURSES

ACCT	110	Intro to Accounting/Bookkeeping I	5
ACCT	120	Intro to Accounting/Bookkeeping II	5
ACCT	130	Intro to Accounting/Bookkeeping III	5
ACCT	131	QuickBooks	5
ACCT	257	Business Tax Accounting	5
ACCT	260	Peachtree Accounting	5
ACCT	261	Advanced Computerized Accounting *	5
ACCT	265	Accounting for Not-For-Profit & Governmental Entities	5
BUS	115	Computational Skillbuilding	2
BUS	124	Excel for Business	5
BUS	169	Using Computers in Business **	5
BUS	236	Interpersonal Communications in the Workplace	5
CWE	110	Internship	3
ENGL&	230	Technical Writing	3

* ACCT 262 may be substituted for ACCT 261.

** IT 101 may be substituted for BUS 169.

TOTAL CREDITS	63

ALLIED HEALTH SCIENCES

Health & Human Services Division
(206) 527-3790

North Seattle Community College offers an Associate of Applied Science (A.A.S.) degree in Allied Health Sciences for graduates of certificate programs in Medical Assisting, Practical Nursing, and Pharmacy Technician (listed in alphabetical order in this program section).

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

DEGREE CRITERIA INCLUDE:

1. A NSCC health occupation certificate with a minimum of 45 technical credits specific to that occupation. Graduates from similar programs at other Washington community colleges or accredited vocational-technical schools may also be candidates.

2. Completion of specific technical courses, related General Education or related instruction.

3. Completion of 90 credit hours.

4. An overall grade point average of 2.0. Other requirements may be established by faculty or administrative policies.

PROGRAM REQUIREMENTS FOR MEDICAL ASSISTING, PHARMACY TECHNICIAN & PRACTICAL NURSING:

a. 45 (minimum) - 60 (maximum) vocational-technical credits.

b. Minimum of 25 credits in General Education or related instruction courses: Communication (5); Computation/Quantitative Reasoning (5); Human Relations (5); and 10 credits from the list of approved courses for the A.A. degree, which must include 5 credits from U.S. Cultures or Global Studies.

c. Up to 20 elective credits may be taken as necessary to complete the 90 credits required for the degree.

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

ARCHITECTURAL ENGINEERING DRAFTING

Business, Engineering, &
Information Technologies Division
(206) 527-3730

This program prepares students for a growing number of entry-level jobs in engineering, construction firms, and public agencies in the construction and design industry. Students learn both computer and conventional hand drafting, basic applied mechanics, cost estimating, shop drawing preparation, and construction materials and processes. The two-year sequence leads to an Associate of Applied Science degree. A one-year certificate is also offered. The General Education requirements provide a well-rounded educational experience.

Certificate

TECHNICAL SPECIALTY COURSES

TDR	109	Architectural Engineering Drafting Lab *	3
TDR	111	Basic CAD Drafting for Construction & Design	5
TDR	112	Intermediate CAD Drafting for Construction & Design	5
TDR	113	Basic Drafting	5
TDR	115	Civil & Site Drafting	5
TDR	124	Materials & Methods of Construction	5
TDR	144	Design & Construction Environment	5
TDR	134	Systems in Buildings	5

RELATED INSTRUCTION

BUS	236	Interpersonal Communication in the Workplace **	5
ENGL&	101	English Composition I ***	5
EET 109 or MATH 102 or higher			5

* May be repeated each quarter.

** May be substituted by any 100-level approved human relations course.

*** May be substituted with 3 credits ENGL 105 & 5 credits Gen. Ed.

TOTAL CREDITS   53

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

Completion of Certificate Requirements 53

TECHNICAL SPECIALTY COURSES

TDR	109	Architectural Engineering Drafting Lab *	2
TDR	160	Applied Mechanics I	5
TDR	161	Applied Mechanics II	5
TDR	258	Contract Drawing Preparation I	5
TDR	259	Contract Drawing Preparation II	5
TDR	269	Construction Estimating	5
IT Computer Skill Classes **			5

* May be repeated each quarter.

** A minimum of 5 credits in computer skill classes required.

COMMUNICATIONS COURSES

ENGL&	230	Technical Writing	3

GENERAL EDUCATION COURSES   **5**

Select 5 credits from approved General Education categories. See the Advising Center.

TOTAL CREDITS   93

Certificate (evening program)

TECHNICAL SPECIALTY COURSES

TDR	113	Basic Drafting	5
TDR	124	Materials & Methods of Construction	5
TDR	134	Systems in Buildings	5
TDR	144	Design & Construction Environment	5
TDR	174	Intro to CAD for Architectural & Engineering Drafting	4
TDR	175	Intermediate CAD for Engineers & Architects	4
TDR	176	Engineering Drafting	4

GENERAL EDUCATION COURSES

ENGL&	101	English Composition I	5
EET 109 or MATH 102 or higher			5
Electives			5

Contact the Advising Center for acceptable courses. Cooperative Work Experience (2-4 credits) is recommended.

TOTAL CREDITS   47

BIOMEDICAL EQUIPMENT TECHNOLOGY

Business, Engineering, &
Information Technologies Division
(206) 527-3730

Biomedical Equipment Technology is a two-year program with core electronics classes and medical background including anatomy and physiology, hospital computer and specialized training procedures, and biomedical equipment. The program concludes with a one-quarter externship with students placed in a hospital or medical manufacturer for work experience.

Associate of Applied Science Degree

TECHNICAL SPECIALTY COURSES

AHI	100	Intro to Medical Vocabulary *	3
BIOL	128	Survey of Anatomy & Physiology *	5
CHEM&	121	Intro to Organic Chemistry *	5
EET	105	Intro to Technology **	3
EET	107	Principles of Electronics **	4
EET	108	Principles of Electronics Laboratory **	4
EET	109	Mathematical Applications for Circuit Analysis *	5
EET	114	Applied Physics *	5
EET	117	Electronic Devices *	4
EET	118	Electronics Devices Lab *	4

EET	127	Intro. to Digital & Analog Circuits *	4
EET	128	Intro. to Digital & Analog Circuits Lab *	4
EET	132	IT Essentials II-Network Op. Systems	5

-OR-

IT	120	Network Essentials - Comptia Network.	5

-OR-

EET	135	Intro to Broadband	5
IT	138	Unix for Network Administrators	5

-OR-

Any CSC 110 or higher course	5

EET	112	Fundamentals of Fluid Power & Electromechanical Systems *	6
EET	207	Advanced Principles of Electronics *	4
EET	208	Advanced Principles of Electronics Lab *	4
EET	217	Digital & Analog Circuits II *	4
EET	218	Digital & Analog Circuits II, Lab *	4
EET	251	Microprocessor Fundamentals I	5
EET	286	BMET I	5
EET	287	BMET II	5
EET	297	BMET Externship	4

RELATED INSTRUCTION

BUS	236	Interpersonal Communication for the Workplace *	5
EET	131	IT Essentials I - A+ Certification.	5
ENGL&	101	English Composition I ***	5
General Education Requirement **			5

TOTAL CREDITS	117-121

* This course has acceptable substitutes. See Advising Center.

** Courses must be chosen from approved list. See Advising Center.

*** While students must test into ENGL 093 to start the degree, they must complete ENGL& 101 to finish.

BUSINESS

Business, Engineering, & Information Technologies Division
(206) 527-3730

The Business programs prepare students for the workplace demands of the local community and the economic challenges of the global marketplace. Day and evening programs offer a number of college transfer business courses, information technology and highly technical courses. Areas of specialization include management, professional office support, customer service, e-business, information technology support, international business and trade, along with development of interpersonal skills.

General Business

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

TECHNICAL SPECIALTY COURSES

ACCT&	201	Principles of Accounting I	5
ACCT&	202	Principles of Accounting II	5
BUS&	101	Intro to Business	5
BUS	112	Multicultural Issues in the American Workplace	5
BUS	114	Intro to Marketing.	5
BUS	131	Integrated Communications I *	5
BUS	169	Using Computers in Business I	5
POLS&	200	Intro to Law **	5
BUS&	205	Human Resource Management	5
BUS	210	Business & Economic Statistics	5
BUS	215	Intro to International Business	5
BUS	216	Professional Development.	5
BUS	230	Business Communications	5
BUS	236	Interpersonal Communication for the Workplace	5

* Eligible for ENGL& 101 through English placement exam or completion of ENGL 097/098.

** POLS& 200 transfers to the University of Washington.

GENERAL EDUCATION COURSES   **10**

10 credits from the following two lists:

At least 5 credits must be from the "A" List: ACCT 131, BUS 124, 125, 156, 182, 269, IT 111

"B" List: ACCT& 203, ACCT 255, BUS 116, 197, 299, ECON& 201, 202,

ELECTIVES   **10**

Select 10 credits from an approved list. Contact the Advising Center

NOTE: Students transferring to a four-year college must take 10 credits in behavioral science.

TOTAL CREDITS	90

Administrative Assistant

This program prepares students for employment as office support professionals and administrative assistants with computer literacy in information processing, spreadsheets, databases, presentation graphics, and word processing.

Certificate

TECHNICAL SPECIALTY COURSES

BUS	106	Keyboarding/Skillbuilding *	3
BUS	112	Multicultural Issues in the American Workplace	5
BUS	116	Business Math/Spreadsheets.	5
BUS	117	Records Management	2
BUS	123	Word for Business	5
BUS	124	Excel for Business	5
BUS	125	Access for Business	5
BUS	126	PowerPoint for Business	2
BUS	127	Outlook for Business	2-3

BUS	131	Integrated Communications I **	5
BUS	140	Customer Relations	5
BUS	216	Professional Development	5
BUS	230	Business Communications	5
BUS	270	Integrated Office Applications	5
CWE	110	Internship	3

* Prereq: BUS 105 or concurrent enrollment in BUS 106 or 25 wpm accurate keyboarding. May be repeated twice to build required speed.

** Eligible for ENGL& 101 through English Placement Exam or completion of ENGL 097/098.

TOTAL CREDITS	62-63

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

TECHNICAL SPECIALTY COURSES

BUS	106	Keyboarding/Skillbuilding *	3
BUS	112	Multicultural Issues in the American Workplace	5
BUS	116	Business Math/Spreadsheets	5
BUS	117	Records Management	2
BUS	123	Word for Business	5
BUS	124	Excel for Business	5
BUS	125	Access for Business	5
BUS	126	PowerPoint for Business	2
BUS	127	Outlook for Business	2-3
BUS	131	Integrated Communications I **	5
BUS	230	Business Communications	5
BUS	140	Customer Relations	5
BUS	216	Professional Development	5
BUS	270	Integrated Office Applications	5
CWE	110	Internship	3

* Prereq: Keyboard 25 correct wpm or satisfactory completion of BUS 104 or 105. BUS 105 may be waived by demonstrating 40 cwpm.

** Eligible for ENGL& 101 through English Placement Exam or completion of ENGL 097/098.

RELATED INSTRUCTION

BUS&	101	Intro to Business	5
BUS	156	Intro to e-Business/Commerce	5
-OR-			
IT	111	Internet & Web Authoring Using XHTML	5
BUS	201	Human Resource Management	5
BUS	236	Interpersonal Communications for the Workplace	5

GENERAL EDUCATION COURSES   **10**

10 credits selected from approved list. See Advising Center.

TOTAL CREDITS	92-93

Customer Service

Customer Service certificates combine office support training in communications, customer relations, information technology, skill-building, and on-the-job work experience to prepare students for entry-level positions as customer service representatives.

Certificate

TECHNICAL SPECIALTY COURSES

BUS	106	Keyboarding/Skillbuilding *	3
BUS	131	Integrated Communications I **	5
BUS	140	Customer Relations	5
BUS	169	Using Computers in Business I	5
CWE	110	Internship	3

* Prereq: BUS 105, concurrent enrollment in BUS 106, or 25 wpm accurate keyboarding. May be repeated twice to build speed.

** Eligible for ENGL& 101 through English Placement Exam or completion of ENGL 097/098.

TOTAL CREDITS	21

Advanced Customer Service
Certificate

TECHNICAL SPECIALTY COURSES

BUS	106	Keyboarding/Skillbuilding *	3
BUS	112	Multicultural Issues in the American Workplace	5
BUS	123	Word for Business	5
BUS	124	Excel for Business	5
-OR-			
BUS	125	Access for Business	5
BUS	131	Integrated Communications I **	5
BUS	140	Customer Relations	5
BUS	169	Using Computers in Business I	5
BUS	230	Business Communications	5
CWE	110	Internship	3

* Prereq: BUS 105, concurrent enrollment in BUS 106, or 25 wpm accurate keyboarding. May be repeated twice to build speed.

** Eligible for ENGL& 101 through English Placement Exam or completion of ENGL 097/098.

TOTAL CREDITS	41

NORTH / Professional/Technical Programs

Legal Administrative Assistant

A Legal Administrative Assistant prepares correspondence and legal papers such as summons, complaints, motions, responses, subpoenas, pleadings and documents and forms used in litigation.

Certificate

TECHNICAL SPECIALTY COURSES

BUS	116	Business Math	5
BUS	131	Integrated Communications	5
BUS	147	Intro to Legal Systems	5
BUS	169	Using Computers in Business	5
POLS&	200	Intro to Law	5
BUS	207	Intro to Legal Resources & Office Procedures	5
BUS	236	Interpersonal Communications for the Workplace	5
BUS	255	Business Ethics	5
CWE	101	Portfolio, Job Search & Interviewing	2
CWE	110	Internship	3
TOTAL CREDITS			45

Retail Management

The 10-course Retail Management Certificate prepares individuals to manage a variety of retail sales operations or lines of merchandise & shows the scope of careers in retail management. It serves both entry-level job candidates & incumbent employees, covering communication, business math, human relations, microcomputer applications, marketing & management skills. On completion, students receive a Retail Management Certificate, which may also show the Washington State Retail Management Consortium (WAFC) endorsement.

Certificate

TECHNICAL SPECIALTY COURSES

ACCT	110	Intro to Accounting/Bookkeeping I	5
BUS	114	Intro to Marketing	5
BUS	169	Using Computers in Business	5
-OR-			
IT	101	Software Applications	5
BUS	201	Human Resource Management	5
BUS	236	Interpersonal Communications for the Workplace	5
BMT	140	Management Skills *	5
BMT	213	Retailing *	5

RELATED INSTRUCTION

BUS	116	Business Math/Spreadsheets	5
BUS	119	Leadership & Management Skills	3
BUS	230	Business Communication	5
TOTAL CREDITS			48

* BMT 140 & BMT 213 are offered online by Skagit Valley College.

COMMUNICATION, BUSINESS AND MEDIA

Business, Engineering, & Information Technologies Division (206) 527-3730

The CB&M program combines Business (a professional-technical program) and Communication (a transfer program) to create a unique professional career program.

Certificate

TECHNICAL SPECIALTY COURSES

BUS	114	Intro to Marketing	5
BUS	210	Business & Economic Statistics+	5
CMST	195	Media Management & Operations	5
CMST	255	Writing for Organizations & the Media *	5
BUS	112	Multicultural Issues in the American Workplace	5
-OR-			
CMST	265	Media Relations & Ethics *	5
BUS	156	Intro to E-Business & Commerce	5
-OR-			
CMST	235	Media Research, Marketing, & Sales *	5
BUS	229	Project Management	5
-OR-			
CMST	290	Media Project Management Practicum *	5
BUS	236	Interpersonal Communication for the Workplace	5
-OR-			
CMST&	220	Public Speaking	5
-OR-			
CMST	275	Online Communication *	5
CMST	291	Internet & Print Practicum *	5
-OR-			
CMST	292	Radio & Audio Practicum *	5
-OR-			
CMST	293	Television & Video Practicum *	5
-OR-			
CMST	294	News & Public Information Practicum *	5
Optional Internship & Certificate Portfolio **			5
TOTAL CREDITS			45-50

* Consult with advisor on individual course prereqs or individual advanced student status.

** By permission and arrangement: BUS 197, CMST 295 or CWE 100

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

BUS&	101	Intro to Business	5
BUS	114	Intro to Marketing *	5
CMST&	101	Intro to Communication	5
CMST	195	Media Management & Operations	5
CMST	255	Writing for Organizations & the Media **	5
BUS	112	Multi-Cultural Issues in the American Workplace	5

-OR-

CMST	265	Media Relations & Ethics **	5
BUS	131	Integrated Communications I *	5

-OR-

ENGL&	102	Composition II	5
BUS	156	Intro to e-Business & Commerce	5

-OR-

CMST	235	Media Research, Marketing & Sales **	5
BUS	197	Work Experience & Business Occupations	5

-OR-

BUS	299	Special Topics & Independent Study	5

-OR-

CMST	295	Studies & Works in Communication **	5
POLS&	200	Intro to Law	5

-OR-

CMST	245	Media Communication & Criticism **	5
BUS	229	Project Management	5

-OR-

CMST	290	Media Project Management Practicum **	5
BUS	236	Interpersonal Communications for the Workplace	5

-OR-

CMST&	220	Public Speaking **	5

-OR-

CMST	275	Online Communication **	5

RELATED INSTRUCTION

BUS	210	Business & Economic Statistics +	5
CMST	205	Multicultural Communication **	5
ENGL&	101	English Composition I *	5
Individuals, Cultures & Societies Elective ++			5
Natural World Elective			5
Communication, Business & Media Electives ***			10
TOTAL CREDITS			**95**

Must be eligible for ENGL& 101 through English Placement Exam or complete ENGL 097/098.

** *Consult advisor regarding individual course prereqs. or individual advanced student status.*

*** *Take 10 credits not already taken from this list: CMST 291, 292, 293, 294.*

+ *BUS 210 prerequisite: MATH 098, or MATH 116.*

++ *Select from approved list. See Advisor.*

CULINARY ARTS/ HOSPITALITY/FOOD SERVICE

North Seattle Community College's Culinary Arts program is no longer accepting new students. We encourage prospective students to look into the extensive culinary arts programs, certificates and Associate of Arts degrees offered by Seattle Central Community College and South Seattle Community College, both of which are part of the Seattle Community Colleges.

EARLY CHILDHOOD EDUCATION

Health & Human Services Division
(206) 527-3783

North offers two certificates and an Associate of Applied Science degree in early childhood education. The A.A.S. degree in early childhood education is a two-year teacher preparation program focusing on the educational and developmental needs of children from birth to 8 years old. Career opportunities include positions as a childcare teacher, preschool teacher or nanny.

Early Childhood Education

Assistant Certificate

TECHNICAL SPECIALTY COURSES

CCE	160	Connecting to Children (2-credit modules):	
	D1	Expressing Warmth to Children	2
	D2	Playing Responsively	2
	D3	Talking Informatively	2
	D4	Initiative, Cooperation, Perseverance	2
TOTAL CREDITS			**8**

Certificate

REQUIRED COURSES

CCE	160C	Connecting to Children:	
	D1	Expressing Warmth to Children	2
	D2	Playing Responsively	2
	D3	Talking Informatively	2
	D4	Initiative, Cooperation, Perseverance	2
CCE	125	Program Planning	5

-OR-

CCE	170	Creating the Conditions for Learning (from C1 to C8) *	6
CCE	145	Music & Creative Expression	3-4

-OR-

CCE	170	Creating the Conditions for Learning (C9 & C10)	4
CCE	165	Understanding Literacy	3

-OR-

CCE	170	Creating the Conditions for Learning (C11 & C12)	4

NORTH / Professional/Technical Programs

CCE 175 Mathematics & Design 3
-OR-
CCE 170 Creating the Conditions for
Learning (C13 & C14) 4
CCE 185 Physical Education in
Early Childhood Education. 3
-OR-
CCE 170 Creating the Conditions for
Learning (C15 & C16) 4
CCE 195 Art for Young Children 3
-OR-
CCE 170 Creating the Conditions for
Learning (C17 & C18) 4
For individual module listing of C1-C18, see below.

ELECTIVE COURSES **3**
Select a minimum of 3 credits from the following courses:
CCE 101 Human Development. 5
CCE 135 Foundations of Early Learning. 5
CCE 136 Signing with Young Children 2
CCE 166 Cultivating Conversations 3
CCE 159 Behavior Management 4
CCE 165 Understanding Literacy 3
CCE 234 Staff Relationships. 3
CCE 240 Multicultural Dialogues 3
CCE 285 The Project Approach. 5

TOTAL CREDITS 32-37

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

GENERAL EDUCATION **20**
Select 5 credits from each of the following categories (total of 20 credits). Contact the Advising Office for approved courses:
Communication (written or oral) 5
Computation/Quantitative Reasoning. 5
U.S. Cultures or Global Studies 5
Visual, Literary, Performing Arts or Natural World 5

RELATED INSTRUCTION
Professional Practice with Young Children
CCE 160D- Connecting to Children (2-credit modules):
D1 Expressing Warmth to Children. 2
D2 Playing Responsively 2
D3 Talking Informatively 2
D4 Initiative, Cooperation, Perseverance. 2
CCE 292 Classroom Research 12

REQUIRED COURSES **30**
CCE 102 Issues & Trends in Early Childhood Education. . 3
EDUC& 203 Exceptional Child 3
CCE 125 Program Planning. 5
CCE 135 Foundations of Early Learning. 5
CCE 166 Cultivating Conversation *. 3
CCE 159 Behavior Management *. 4
CCE 232 Parent Involvement *. 4
CCE 234 Staff Relationships * 3
* Human Relations included in these required courses.

ELECTIVE COURSES **20**
Select a minimum of 20 credits from the following:
CCE 101 Human Development. 5
CCE 136 Signing with Young Children 2
CCE 145 Music & Creative Expression. 3-4
CCE 165 Understanding Literacy 3
CCE 175 Mathematics & Design 3
CCE 180 Professional Development. 1-6
CCE 185 Physical Education in Early Childhood 3
CCE 195 Art for Young Children 3
CCE 240 Multicultural Dialogues 3
CCE 261 Readings in Early Childhood Education 1-6
CCE 285 The Project Approach. 5
CCE 170C Creating the Conditions for Learning 2-18
(2-credit modules)
C1 Exploration Activities 2
C2 Process Activities 2
C3 Construction 2
C4 Drama Area. 2
C5 Writing & Enactment 2
C6 Science Center 2
C7 Making Center 2
C8 Cleaning & Restoration 2
C9 Songs & Games at Music 2
C10 Creative Dance. 2
C11 Book Center 2
C12 Books & Oral Stories 2
C13 Workstation Activities. 2
C14 Cooperative Games & Computers. 2
C15 Physical Play Spaces 2
C16 Outdoor Games 2
C17 Painting & Clay 2
C18 Drawing to Learn 2
C19 Supporting Children with Behavior Difficulties. . 2
C20 Teaching Children with Special Needs 2

TOTAL CREDITS 90 - 116

Modular Equivalents:
- CCE 12 = C11 & C12
- CCE 175 = C13 & C14
- CCE 185 = C15 & C16
- CCE 195 = C17 & C18

ELECTRONICS

**Business, Engineering, &
Information Technologies Division
(206) 527-3730**

Electronics and associated technologies at North prepare students for careers in this diverse and expanding field. Ongoing changes in the electronics technology programs reflect changing community and industry needs. Instruction emphasizes a hands-on approach, the use of sophisticated test equipment unique to each discipline and a solid base of pertinent information. These programs provide high-skill learning opportunities, including professional certification and Associate of Applied Science degree options.

To accommodate students in as many segments of the industry as possible, day (D) and evening (E) programs are offered in the following areas: Biomedical Equipment Technology, Electronic Telecommunications, Electronics Engineering Technology, Electronics Technology*, Electronics Technology Certificate*, Industrial Power & Control Technology, and Industrial Power & Control Technology Certificate.

> *Students interested in Electronics Technology should contact the program advisor at (206) 528-4588, or the Advising Center at (206) 527-3658 before enrolling. Courses and programs are transferable to certain four-year institutions.*

Broadband Cable

This certificate program prepares students for entry-level positions in the broadband cable TV industry.

Certificate

TECHNICAL SPECIALTY COURSES

EET	107	Principles of Electronics *	4
-AND-			
EET	108	Principles of Electronics Lab	4
-OR-			
EET	160	Survey of Electricity & Electronics	5
-OR-			
EET	161	DC Principles of Electronics	5
EET	131	IT Essentials I – A+ Certification	5
EET	135	Intro to Broadband	5

> ** Enroll in EET 107 and 108 or enroll in EET 160 or EET 161.*

RELATED INSTRUCTION

BUS	140	Customer Relations	5

TOTAL CREDITS	20-23

ELECTRONICS TELECOMMUNICATIONS TECHNOLOGY

**Business, Engineering, &
Information Technologies Division
(206) 527-3730**

North Seattle Community College has offered a comprehensive program in electronic communication technology for more than ten years, with courses from the Electronics Technology program serving as a strong foundation.

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

TECHNICAL SPECIALTY COURSES

EET	105	Intro to Technology *†	3
EET	107	Principles of Electronics *†	4
EET	108	Principles of Electronics Laboratory *†	4
EET	109	Mathematical Applications for Circuit Analysis	5
EET	117	Electronics Devices *	4
EET	118	Electronics Devices Lab *	4
EET	127	Intro to Digital & Analog Circuits *	4
EET	128	Intro to Digital & Analog Circuits Lab *	4
EET	131	IT Essentials I - A+ Certification	5
EET	135	Intro to Broadband	5
EET	207	Advanced Principles of Electronics *	4
EET	208	Advanced Principles of Electronics Lab *	4
EET	217	Digital & Analog Circuits II *	4
EET	218	Digital & Analog Circuits II, Lab *	4
EET	241	Principles of Telecommunications I	5
EET	242	Principles of Telecommunications 2	5
EET	243	Principles of Telecommunications 3	5
EET	251	Microprocessor Fundamentals I	5
IT	120	Network Essentials - Comptia Network +	5
IT	122	Network OS 1 - Win2K Professional	5
IT	124	Network OS 2 - Win2K Server	5
IT	138	Unix for Network Administration	5

RELATED INSTRUCTION

BUS	236	Interpersonal Communications for the Workplace *	5
ENGL&	101	English Composition I **	5
General Education Requirement †			5
Technical Elective †			5

TOTAL CREDITS	118

> ** This course has acceptable substitutes. See Advising Center.*
>
> *** While students must test into ENGL 093 to start the degree, they must complete ENGL& 101 to finish.*
>
> *† Courses must be chosen from approved list. See Advising Center.*

ELECTRONICS ENGINEERING TECHNOLOGY

**Business, Engineering, &
Information Technologies Division
(206) 527-3730**

The Electronics Engineering Technology program is being significantly revised to reflect the American Electronics Association standards of a high-performance worker. The programs will include more choices for specialized study in the form of small credit modules of learning. During the revision, these programs will continue to provide skilled learning opportunities, including professional certification and Associate of Applied Science degrees.

This program provides a solid framework for advanced training in electronic engineering at a polytechnic or four-year institution and an excellent foundation in applied engineering for students who wish to enter the workforce immediately.

> NOTE: Because of the complexity regarding course sequence and prerequisites, students should seek advanced planning assistance with an advisor.

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

TECHNICAL SPECIALTY COURSES

EET	105	Intro to Technology	3
EET	107	Principles of Electronics	4
EET	108	Principles of Electronics Lab	4
EET	117	Electronic Devices	4
EET	118	Electronic Devices Lab	4
EET	127	Intro to Digital & Analog Circuits	4
EET	128	Intro to Digital & Analog Circuits – Lab	4
EET	207	Advanced Principles of Electronics	4
EET	208	Advanced Principles of Electronics – Lab	4
EET	217	Digital & Analog Circuits, II	4
EET	218	Digital & Analog Circuits II – Lab	4
EET	251	Microprocessor Fundamentals I	5
EET	285	Electronics Technology Project	3

RELATED INSTRUCTION

ENGR/CSC 142		Computer Programming for Engineers	5
MATH	120	Elementary Functions	5
MATH&	151	Calculus I	5
MATH&	152	Calculus II	5
PHYS&	221	Engineering Physics I	5
PHYS&	222	Engineering Physics II	5
PHYS&	223	Engineering Physics III	5

COMMUNICATIONS COURSES

CMST&	210	Interpersonal Communication	5
ENGL&	230	Technical Writing	3
ENGL&	101	English Composition I	5

GENERAL EDUCATION COURSES   **10**
> Ten credits selected from approved list.
> See Advising Center.

TECHNICAL ELECTIVES   **10**
> Select 10 credits. See Advising Center.

TOTAL CREDITS   119

ELECTRONICS TECHNOLOGY

**Business, Engineering, &
Information Technologies Division
(206) 527-3730**

This newly updated program reflects the American Electronics Association (AEA) standards for a technician in a high-performance workplace. It provides a solid concept base for students who seek specialized training in electronics and leads to a certificate or Associate of Applied Science degree.

The certificate program provides basic entry-level training for a variety of electronic job positions such as production testing and service; technician assistance; automatic test equipment operation; prototype testing and assembly; specialized electronically controlled equipment; and others.

Certificate

TECHNICAL SPECIALTY COURSES

EET	105	Intro to Technology *†	3
EET	107	Principles of Electronics *†	4
EET	108	Principles of Electronics Laboratory *†	4
EET	109	Math Applications for Circuit Analysis	5
EET	114	Applied Physics *	5
EET	117	Electronic Devices *	4
EET	118	Electronics Devices Lab *	4
EET	127	Intro to Digital & Analog Circuits *	4
EET	128	Intro to Digital & Analog Circuits Lab *	4
EET	131	IT Essentials – A+ Certification	5
EET	132	IT Essentials II-Network Operating Systems	5

-OR-

IT	120	Network Essentials-Comptia Network	5

-OR-

EET	135	Intro to Broadband	5

RELATED INSTRUCTION

BUS	236	Interpersonal Communication for the Workplace *	5
CSC	110	Intro to Computer Programming *	5
ENGL&	230	Technical Writing *	3

TOTAL CREDITS   60

> * For acceptable substitutes, see Advising Center.
> † Courses must be chosen from approved list. See Advising Center.

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

TECHNICAL SPECIALTY COURSES

EET	105	Intro to Technology *†	3
EET	107	Principles of Electronics *†	4
EET	108	Principles of Electronics Laboratory *†	4
EET	109	Math Applications for Circuit Analysis *	5
EET	112	Fundamentals of Fluid Power & Electromechanical Systems *	6
EET	114	Applied Physics *	5
EET	117	Electronic Devices *	4
EET	118	Electronics Devices Lab *	4
EET	127	Intro to Digital & Analog Circuits *	4
EET	128	Intro to Digital & Analog Circuits Lab *	4
EET	131	IT Essentials I - A+ Certification	5
EET	132	IT Essentials II-Network Operating Systems	5
-OR-			
IT	120	Network Essentials - Comptia Network	5
-OR-			
EET	135	Intro to Broadband	5
EET	207	Advanced Principles of Electronics *	4
EET	208	Advanced Principles of Electronics Lab *	4
EET	217	Digital & Analog Circuits II *	4
EET	218	Digital & Analog Circuits II, Lab *	4
EET	251	Microprocessor Fundamentals I	5
EET	271	Advanced Technical Modules in Electronics Technology *†	5
EET	285	Electronics Technology Project *†	3

RELATED INSTRUCTION

BUS	236	Interpersonal Communications for the Workplace *	5
ENGL&	101	English Composition I **	5
		General Education Requirement *	5
		Programming Elective *	5
		Technical Electives †	15

TOTAL CREDITS	117

* For acceptable substitutes., see Advising Center.

** While students must test into ENGL 093 to start the degree, they must complete ENGL& 101 to finish.

† Courses must be chosen from approved list. See Advising Center.

EMERGENCY MEDICAL TECHNICIAN (EMT)

Health & Human Services Division
(206) 527-3790

The Department of Social and Health Services specifies the Emergency Medical Technician (EMT) knowledge and skills required to qualify as an EMT. In addition, a number of policies have been adopted by the faculty and administration at North Seattle Community College to fulfill the needs of the program's graduates and employers and to maintain accreditation with the Office of Emergency Medical Services for King County and the State Office of Emergency Medical Services, Washington State Department of Health in Olympia.

Students need to contact the Health and Human Services Division office to obtain specific requirements for enrollment in this course. A written entrance exam is required.

AHE	190	Emergency Medical Technician (EMT)	8
AHE	191	EMT Continuing Education	2-5

For more information about health care programs, see www.seattlecolleges.com/healthcare.

ENGINEERING DESIGN TECHNOLOGY

Business, Engineering, &
Information Technologies Division
(206) 527-3730

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

ENGINEERING DESIGN TECHNOLOGY/ MECHANICAL DESIGN SPECIALIZATION

Business, Engineering, &
Information Technologies Division
(206) 527-3730

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

NORTH / Professional/Technical Programs

ENTREPRENEURSHIP

Business, Engineering, &
Information Technologies Division
(206) 527-3730

This program explores the challenges of starting a new business. It includes solid business planning, feasibility studies, financial structuring, market research, and other areas of knowledge for creating a successful venture. It emphasizes the importance of a responsible and professional work ethic, and leadership qualities.

Certificate

TECHNICAL SPECIALTY COURSES

ACCT&	201	Principles of Accounting I	5
BUS	118	Project Management Intro & Overview	5
BUS	152	Entrepreneurship I	5
BUS	153	Entrepreneurship II	5
BUS	154	Exploring Entrepreneurship	5
BUS	156	Intro to e-Business/Commerce	5

-OR-

IT	101	Software Applications	5
CWE	110	Internship	3
BUS	236	Interpersonal Communication for the Workplace	5

TOTAL CREDITS	38

HOSPITALITY/FOOD SERVICE/ CULINARY ARTS

The North Seattle Community College Culinary Arts program is no longer accepting new students. We encourage prospective students to look into the extensive culinary arts programs, certificates and Associate of Arts degrees offered by Seattle Central Community College and South Seattle Community College, both of which are part of the Seattle Community Colleges.

HVAC SERVICE

Business, Engineering, &
Information Technologies Division
(206) 527-3730

The HVAC program, in partnership with HVAC Learning Systems and Lennox, provides system training in heating, ventilation, air-conditioning and refrigeration. The only one of its kind in the country available at a two-year college, North's HVAC program tailors skills to employer needs and can help students get an internship or entry-level job with rewarding career potential.

Certificate

TECHNICAL SPECIALTY COURSES

EET	109	Technical Math	5
EET	160	Intro to Electricity & Electronics	5
ENGL&	230	Technical Writing	3
HVC	101	Essentials of HVAC	2
HVC	211	Cooling & Heating Systems 1	4
HVC	212	Cooling & Heating Systems 2	4
TDR	111	Basic CAD Drafting for Construction & Design	5

RELATED INSTRUCTION

BUS	169	Using Computers in Business *	5
BUS	236	Interpersonal Communications for the Workplace	5
CWE	101	Portfolio, Job Search & Interviewing	2
CWE	110	Internship	3

* IT 101 may be substituted for BUS 169

TOTAL CREDITS	43

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

Program Prerequisites: ENG 097/098 or higher, MAT 084 or higher.

TECHNICAL SPECIALTY COURSES

ECT	213	System Design & Applications	12
EET	114	Technical Physics	5
EET	131	Computer Basics A+	5
EET	160	Intro to Electricity & Electronics	5
HVC	101	Essentials of HVAC	2
HVC	211	Cooling & Heating Systems 1	4
HVC	212	Cooling & Heating Systems 2	4
TDR	111	Basic CAD Drafting - Construction & Design	5
TDR	112	Intermed. CAD Drafting – Construction & Design	5
TDR	113	Basic Drafting	5
TDR	134	Systems in Buildings	5

RELATED INSTRUCTION

BUS&	101	Intro to Business	5
BUS	112	Multicultural Issues in the American Workplace	5
BUS	140	Customer Relations	5
BUS	169	Using Computers in Business *	5
BUS	236	Interpersonal Communications for the Workplace	5
ENGL&	101	English Composition I	5
EET	109	Technical Math	5
CWE	101	Portfolio, Job Search & Interviewing	2
CWE	110	Internship	3

* IT 101 may be substituted for BUS 169

TOTAL CREDITS	97

INDUSTRIAL POWER & CONTROL TECHNOLOGY

**Business, Engineering, &
Information Technologies Division
(206) 527-3730**

The Industrial Power and Control Technology program offers a one-year certificate and a two-year Associate of Applied Science degree. The first year focuses on Electronics Technology such as DC fundamentals, circuit analysis, solid-state electronic devices and circuits, and analog and digital circuits. The second year focuses on industrial power and control technologies. Students are prepared for immediate employment and future advancement in companies and organizations that manufacture, sell, service, design, and support electrical and electronic systems that control machinery, automation and/or processes. Graduates work in areas such as industrial/maintenance electrician, technical sales specialist, field service technician, and substation operator apprentice.

Certificate

TECHNICAL SPECIALTY COURSES

EEL	201	Industrial Transformers & Motors	5
EEL	202	Industrial Motor Controls	5
EEL	203	Industrial Motor Drives	5
EET	161	DC Principles of Electronics	5
EET	162	AC Principles of Electronics	5
EET	163	Solid State Electronics	5
EET	170	Digital Circuits I	5
MATH	102	College Algebra	5

RELATED INSTRUCTION

BUS	236	Interpersonal Communication For The Workplace *	5
CSC	110	Intro to Computer Programming *	5
ENGL&	230	Technical Writing *	3

TOTAL CREDITS	53

*These courses have acceptable substitutes.
See Advising Center.*

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

TECHNICAL SPECIALTY COURSES

EET	105	Intro to Technology *†	3
EET	107	Principles of Electronics *†	4
EET	108	Principles of Electronics Laboratory *†	4
EET	109	Mathematical Applications For Circuit Analysis *	5
EET	114	Applied Physics *	5
EET	117	Electronic Devices *	4
EET	118	Electronics Devices Lab *	4
EET	132	IT Essentials II-Network Operating Systems	5
-OR-			
IT	120	Network Essentials - Comptia Network +	5
-OR-			
EET	135	Intro to Broadband	5
EEL	202	Industrial Motor Controls	5
EEL	203	Industrial Motor Drives	5
EET	112	Fundamentals of Fluid Power & Electromechanical Systems *	6
EET	127	Intro to Digital & Analog Circuits *	4
EET	128	Intro to Digital & Analog Circuits Lab *	4
EET	132	IT Essentials II - Network Operating Systems	5
EET	207	Advanced Principles of Electronics *	4
EET	208	Advanced Principles of Electronics Lab *	4
EET	217	Digital & Analog Circuits II *	4
EET	218	Digital & Analog Circuits II, Lab *	4
EET	251	Microprocessor Fundamentals I	5
EET	285	Electronics Technology Project *†	3

RELATED INSTRUCTION

BUS	236	Interpersonal Communications For The Workplace *	5
ENGL&	101	English Composition I **	5
General Education Requirement †			5
Programming Elective *			5
Technical Electives †			10

TOTAL CREDITS	117

* For acceptable substitutes, see Advising Center.

** While students must test into ENGL 093 to start the degree, they must complete ENGL& 101 to finish.

*† Courses must be chosen from approved list.
See Advising Center.*

NORTH / Professional/Technical Programs

INFORMATION TECHNOLOGIES

**Business, Engineering, &
Information Technologies Division
(206) 527-3730**

Programming

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

Information Technology Software & Database Concentration

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

Information Technology Network Infrastructure & Security Support Specialist

The Information Technology program offers both a certificate and an Associate of Applied Science Degree in Information Technology (A.A.S.-T.). Satisfactory completion of the Network Infrastructure & Security Support Specialist program qualifies a student for the A.A.S.-T. The program trains entry-level network and infrastructure support technicians and administrators in specific computer networking skills and general troubleshooting of hardware and software related problems. Please see a college advisor about taking any courses other than those that have been identified.

Graduates of the Network Infrastructure & Security Support program find jobs as Network Technician, Assistant Network Administrator, PC Technician, Workstation Support Technician, Technical Support Technician or Computer Systems Technician.

Certificate

TECHNICAL SPECIALTY COURSES

IT	100	Intro to Computer Systems & Networks *	5
IT	101	Software Applications	5
IT	102	Intro to Programming	5
IT	124	Network OS 2–Win2K Server	5
IT	126	Network OS3–Win2K Network Infrastructure	5
IT	134	Network Communications – TCP/IP	5
IT	138	UNIX for Network Administration	5
IT	140	Network Management – Unix Shell Scripts	5
IT	150	Fundamentals of Security (CompTIA Security+ Cert)	5
IT	160	Wireless LAN	5
IT	218	Managing Win2K Network Environment	5
IT	230	Microsoft Small Business Server I	5
IT	232	Microsoft Small Business Server II	5

* EET 131 may be substituted for IT 100

RELATED INSTRUCTION

BUS	236	Interpersonal Communication for the Workplace	5
ENGL&	230	Technical Writing	3
Math Elective **			5

Math: Placement in MATH 098 or equivalent

** Any college-level math class: MATH 100 or greater. BUS 116 and EET 109 will also satisfy this math elective.

TOTAL CREDITS	78

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

TECHNICAL SPECIALTY COURSES

IT	100	Intro to Computer Systems & Networks *	5
IT	101	Software Applications	5
IT	102	Intro to Programming	5
IT	103	Intro to Database Use & Design	5
IT	124	Network OS 2 – Win2K Server	5
IT	126	Network OS3 – Win2K Network Infrastructure	5
IT	134	Network Communications – TCP/IP	5
IT	138	Unix for Network Administration	5
IT	140	Network Management – Unix Shell Scripts	5
IT	150	Fundamentals of Security (CompTIA Security+ Cert)	5
IT	160	Wireless LAN	5
IT	218	Managing Win2K Network Environment	5
IT	230	Microsoft Small Business Server I	5
IT	232	Microsoft Small Business Server II	5

* EET 131 may be substituted for IT 100

TECHNICAL ELECTIVES	**10**

See advisor.

RELATED INSTRUCTION

BUS	236	Interpersonal Communication for the Workplace	5
ENGL&	230	Technical Writing	3
ENGL&	101	English Composition I	5
MATH	102	College Algebra	5

GENERAL EDUCATION COURSES	**20**

Select 15 credits from a list of approved General Education courses, including 10 from U.S. Cultures/Global Studies and 5 from Communications (BUS 131 or BUS 230), and 5 from Quantitative Reasoning (MAT 107, 116, or 117). Contact the division office for a list of approved courses.

TOTAL CREDITS	118

Information Technology Web Development & Database Concentration

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

Information Technology for Healthcare

Health & Human Services Division
(206) 527-3790

The IT for Healthcare curriculum is designed to meet the emerging demand for a workforce capable of using health communications and information technology. The program equips students and workers with the skills needed to enter and advance in health care careers.

The program operates a modern laboratory emulating a health care setting. It is equipped with current tablet PCs, Procura software, and other technologies which provide the opportunity to gain real-world skills and experience. The program offers a 15-credit Short Certificate, a One-Year Achievement Certificate, and an A.A.S.-T. degree.

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

PROGRAM PREREQUISITES
ENGL& 101, BUS 106, BUS 236, MATH 098

Short Certificate

REQUIRED COURSES

EET	131	IT Essentials I	5
AHE	234	HIPAA & Network Security	5
-OR-			
AHE	232	Intro to Clinical Software	5
BUS	169	Using Computers in Business	5
-OR-			
IT	101	Software Applications	5
TOTAL CREDITS			15

One-Year Certificate

TECHNICAL SPECIALTY COURSES

AHE	232	Intro to Clinical Software	5
AHE	234	HIPAA & Network Security	5
AHI	100	Intro to Medical Vocabulary	3
AHM	118	Intro to patient History, Documentation & Medical Records	1
AMA	102	Legal Concepts	1
AMA	103	Ethical Concepts	1
AMA	120	Front Office Basics	1
AMA	121	Patient Scheduling	1
AMA	125	Intro to Medical Insurance Coding	2
AMA	226	Medical Insurance Coding	1
AMA	227	Medical Insurance Billing	2
BUS	118	Project Management Intro & Overview	5
IT	100	Intro to Computer Systems & Networks	5
IT	101	Software Applications *	5

* BUS 169 may be substituted for IT 101

ELECTIVES

CWE	101	Portfolio, Job Search & Interviewing	2
CWE	110	Internship	3
TOTAL CREDITS			38-43

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

PROGRAM PREREQUISITES
ENGL& 101 or ENGL& 230, BUS 106, MATH 098

TECHNICAL SPECIALTY COURSES

AHE	232	Intro to Clinical Software	5
AHE	233	Intro to Health Informatics	5
AHE	234	HIPAA & Network Security	5
AHM	118	Intro to Patient History, Documentation & Medical Records	1
AMA	102	Legal Concepts	1
AMA	103	Ethical Concepts	1
AMA	120	Front Office Basics	1
AMA	121	Patient Scheduling	1
AMA	125	Intro to Medical Insurance & Coding	2
AMA	170 – 181	Anatomy & Physiology/Medical Terminology/Pathology 1 -12	13
AMA	226	Medical Insurance Coding I	1
AMA	227	Medical Insurance Billing	2
BUS	118	Project Management Intro & Overview	5
BUS	210	Business & Economic Statistics *	5
BUS	229	Project Management Tools, Techniques, Control	5
IT	100	Intro to Computer Systems & Networks	5
IT	101	Software Applications **	5
IT	102	Intro to Programming	5

* MATH 109 may be substituted for BUS 210

** BUS 169 may be substituted for IT 101

RELATED INSTRUCTION

CWE	101	Portfolio, Job Search & Interviewing	2
CWE	110	Internship	3

GENERAL EDUCATION COURSES

BUS	236	Interpersonal Communication for the Workplace	5
CMST	275	Online Communication	5
CSC	110	Intro to Computer Programming	5
ISP	105	Intercultural Communication	5
TOTAL CREDITS			93

IT Electives

Contact the division office for a list of program electives.

INTERNATIONAL TRADE

**Business, Engineering, &
Information Technologies Division
(206) 527-3730**

The International Trade Certificate leads to entry-level positions requiring knowledge of international business, including logistics, supply chain management, freight forwarding, port and trade operations and distribution networks. Career professionals and those interested in moving into the international field from other industries focus on current real-world, real-time events and developments in international trade.

Certificate

TECHNICAL SPECIALTY COURSES

BUS	215	Intro to International Business	5
BUS	245	Global Marketing	5
IBN	203	International Trade: Export	3
IBN	205	International Trade: Export	3
BUS	225	Global Logistics	3
CWE	101	Portfolio, Job Search & Interviewing	2
CWE	110	Internship	3
TOTAL CREDITS			**24**

INTERNSHIPS

**Internships/Cooperative Education
(206) 527-3686**

Internships provide opportunities to earn college credit while gaining practical, "hands on" work experience in their field of study. The Internship Program consists of CWE 101 "Portfolios, Job Search and Interviewing" and CWE 110 "Internships." CWE 101 is a 2-credit course designed to assist students in developing an internship, and CWE 110 provides 3 credits for the actual internship itself. For more information regarding the Internship program at North, please contact the Internship Office directly.

MEDICAL ASSISTING

**Health & Human Services Division
(206) 527-3790**

The Medical Assisting program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP, 1361 Park St., Clearwater, FL 33756), on recommendation of the Curriculum Review Board of the American Association of Medical Assistants' Endowment (AAMAE). Graduates of this program are also eligible for the Washington State Health Care Assistant (HCA) certificate at levels A, C and E, obtainable through an employer. State certification does NOT constitute

a "certified" medical assistant. The CMA credential is obtained through a national exam (see the program advisor for details).

The Medical Assisting options are all open-entry/open-exit, self-paced, variable-length. Each program option combines traditional instruction with computer- and text-assisted and individualized learning appropriate to student needs. Students must practice hands-on procedures, take exams and complete competency check-offs in the classroom with an instructor. Instructors, classrooms and equipment are available during scheduled hours. Students are encouraged to establish a regular schedule each quarter to foster successful completion of as much work as possible at the college where instructional assistance is available.

Students will have additional expenses other then the fees charged by the college. A separate list is available at the division office or from an advisor.

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

PREREQUISITES FOR MEDICAL ASSISTING AND ALL M.A. PROGRAM OPTIONS

Courses must be taken within the last 10 years or the COMPASS test is required. Contact Testing Center.

MATH	100	Math for Health Careers
ENGL&	101	Composition
-OR-		
ENGL&	230	Technical Writing
BUS	169	Using Computers in Business I
-OR-		
IT	101	Software Applications.

General: A high school diploma or GED or 18 years of age. Certain TechPrep agreements can be accepted (see MA program advisor). Applicant should have oral English skills sufficient to communicate accurately with others in the medical field.

Certificate

TECHNICAL SPECIALTY COURSES

AMA	100	Intro to Healthcare	1
AMA	101	Communications in Healthcare	2
AMA	102	Legal Concepts	1
AMA	103	Ethical Concepts	1
AMA	104	Office Emergencies	1
AMA	105	Asepsis & Infection Control	1
AMA	106	Patient History, Documentation & Physical Exam	1
AMA	107	Vital Signs & Measurements	1
AMA	108	Nutrition & Development Basics	1
AMA	109	Pharmacology	1
AMA	110	Intro to Lab Safety	1
AMA	112	Credentials & Employment	1
AMA	114	Basic Psychology Principles	1
AMA	115	HIV/AIDS	1

AMA	116	Principles of IV Therapy	1
AMA	120	Front Office Basics	1
AMA	121	Patient Scheduling	1
AMA	122	Medical Records & Correspondence	1
AMA	123	Daily Financial Management	1
AMA	125	Intro to Medical Insurance & Coding	2
AMA	170	AP/Terminology/Pathology 1 Intro	2
AMA	171	AP/Terminology/Pathology 2 Skin & Senses	1
AMA	172	AP/Terminology/Pathology 3 Digestive System	1
AMA	173	AP/Terminology/Pathology 4 Male Reproductive & Urinary Systems	1
AMA	174	AP/Terminology/Pathology 5 Female Reproductive System	1
AMA	175	AP/Terminology/Pathology 6 Nervous System	1
AMA	176	AP/Terminology/Pathology 7 Endocrine System	1
AMA	177	AP/Terminology/Pathology 8 Musculoskeletal System	1
AMA	178	AP/Terminology/Pathology 9 Cardiovascular System	1
AMA	179	AP/Terminology/Pathology 10 Respiratory System	1
AMA	180	AP/Terminology/Pathology 11 Blood & Lymph Systems	1
AMA	181	AP/Terminology/Pathology 12 Specialty Topics	1
AMA	226	Medical Insurance Coding I	1
AMA	227	Medical Insurance Billing	2
AMA	230	Medical Office Management	1
AMA	240	GYN/Pediatrics	1
AMA	241	Male Reproductive/Gerontology	1
AMA	242	Exams by Body Systems	2
AMA	243	Rehabilitation	1
AHM	244	Intro to Imaging	1
AMA	245	Minor Surgery	2
AMA	246	Patient Prioritizing & Instruction	1
AMA	250	Medication Calculations & Administration	2
AMA	251	EKG	1
AMA	252	Phlebotomy	2
AMA	253	Hematology	1
AMA	254	Urinalysis	1
AMA	255	Basic Microbiology	1
AMA	256	Specialty Lab Tests & Chemistry	1
AMA	290	Medical Assisting Externship & Seminar *	7

RELATED INSTRUCTION

BUS	236	Interpersonal Communications for the Workplace **	5

TOTAL CREDITS 69

* All program courses must be successfully completed prior to taking the externship course.

** BUS 236 is a non-modular (not self-study) course, but is required for the program.

Clinical Lab Assisting

An option of the Medical Assisting program, this program is intended to prepare the student for clinical laboratory entry-level positions such as phlebotomist or clinical lab assistant. Students study basic anatomy and physiology, medical terminology and pathology, lab safety, regulations/legal requirements, specimen collection and preparation, phlebotomy, various 'CLIA-waived' tests and 7 hours of HIV/AIDS. Students perform phlebotomy and lab testing procedures in the classroom.

Students will have additional expenses other then the fees charged by the college. A separate list is available at the division office or from an advisor.

This is an open-entry/open-exit, self-paced, variable-length program. See page 108 for explanation.

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

Certificate

TECHNICAL SPECIALTY COURSES

AHM	140	Phlebotomy 2	1
AHM	141	Lab Equipment & Measurements	1
AHM	142	Non-Blood Specimen Collection	1
AMA	100	Intro to Healthcare	1
AMA	101	Communications in Healthcare	2
AMA	102	Legal Concepts	1
AMA	103	Ethical Concepts	1
AMA	104	Office Emergencies	1
AMA	105	Asepsis & Infection Control	1
AMA	106	Patient History, Documentation & Physical Exam	1
AMA	107	Vital Signs & Measurements	1
AMA	110	Intro to Lab Safety	1
AMA	112	Credentials & Employment	1
AMA	114	Basic Psychology Principles	1
AMA	115	HIV/AIDS	1
AMA	120	Front Office Basics	1
AMA	121	Patient Scheduling	1
AMA	122	Medical Records & Correspondence	1
AMA	125	Intro to Medical Insurance & Coding	2
AMA	170	AP/Terminology/Pathology - Intro	2
AMA	171	AP/Terminology/Pathology 2 Skin & Senses	1
AMA	172	AP/Terminology/Pathology 3 Digestive System	1
AMA	173	AP/Terminology/Pathology 4 Male Reproductive & Urinary Systems	1
AMA	174	AP/Terminology/Pathology 5 Female Reproductive System	1
AMA	175	AP/Terminology/Pathology 6 Nervous System	1
AMA	176	AP/Terminology/Pathology 7 Endocrine System	1
AMA	177	AP/Terminology/Pathology 8 Musculoskeletal System	1

AMA 178 AP/Terminology/Pathology 9
Cardiovascular System. 1
AMA 179 AP/Terminology/Pathology 10
Respiratory System 1
AMA 180 AP/Terminology/Pathology 11
Blood & Lymph Systems 1
AMA 181 AP/Terminology/Pathology 12
Specialties 1
AMA 252 Phlebotomy. 2
AMA 253 Hematology. 1
AMA 254 Urinalysis. 1
AMA 255 Basic Microbiology 1
AMA 256 Specialty Lab Tests & Chemistry. 1

RELATED INSTRUCTION
BUS 236 Interpersonal Communications
for the Workplace * 5

TOTAL CREDITS   45
*BUS 236 is a non-modular (not self-study) course, but is
required for the program.*

Medical Transcription

An option of the Medical Assisting program, this
program is intended to provide more in-depth training
in transcription for current medical professionals who
want to enhance their qualifications. Students with no
medical training may complete the program and acquire
entry-level medical transcription skills. Students will study
basic anatomy and physiology, medical terminology and
common pathology, as well as communication skills.

Students will have additional expenses other then the fees
charged by the college. A separate list is available at the
division office or from an advisor.

This is an open-entry/open-exit, self-paced, variable-length
program.

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

Certificate

TECHNICAL SPECIALTY COURSES
AHM 124 Intro to Medical Transcription 1
AHM 160 Proofreading & Editing. 1
AHM 161 Medical Transcription Practice 1. 1
AHM 162 Medical Transcription Practice 2. 1
AHM 163 Medical Transcription Practice 3. 1
AMA 100 Intro to Healthcare 1
AMA 101 Communications in Healthcare. 2
AMA 102 Legal Concepts. 1
AMA 103 Ethical Concepts. 1
AMA 106 Patient History, Documentation
& Physical Exam 1
AMA 112 Credentials & Employment 1
AMA 114 Basic Psychology Principles. 1
AMA 115 HIV/AIDS 1
AMA 120 Front Office Basics 1
AMA 122 Medical Records & Correspondence 1
AMA 170 AP/Terminology/Pathology 1
Intro. 2
AMA 171 AP/Terminology/Pathology 2
Skin & Senses 1
AMA 172 AP/Terminology/Pathology 3
Digestive System 1
AMA 173 AP/Terminology/Pathology 4
Male Reproductive & Urinary Systems 1
AMA 174 AP/Terminology/Pathology 5
Female Reproductive System 1
AMA 175 AP/Terminology/Pathology 6
Nervous System 1
AMA 176 AP/Terminology/Pathology 7
Endocrine System 1
AMA 177 AP/Terminology/Pathology 8
Musculoskeletal System 1
AMA 178 AP/Terminology/Pathology 9
Cardiovascular System. 1
AMA 179 AP/Terminology/Pathology 10
Respiratory System 1
AMA 180 AP/Terminology/Pathology 11
Blood & Lymph Systems 1
AMA 181 AP/Terminology/Pathology 12
Specialty Topics 1

RELATED INSTRUCTION
BUS 236 Interpersonal Communications
for the Workplace * 5

TOTAL CREDITS   34
*BUS 236 is non-modular (not self-study) course, but is
required for the program.*

Medical Office Administration

An option of the Medical Assisting program, this program is intended to prepare the student for work in the administrative, clerical and management areas of an ambulatory care setting. It covers anatomy and physiology, terminology, pathology, safety, communication, professionalism and job search skills to enhance understanding in the clinic/office. No hands-on patient care tasks or procedures are included.

This is an open-entry/open-exit, self-paced, variable-length program. See page 108 for explanation.

Students will have additional expenses other than the fees charged by the college. A separate list is available at the division office or from an advisor.

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

Certificate

TECHNICAL SPECIALTY COURSES

AHM	124	Intro to Medical Transcription	1
AMA	100	Intro to Healthcare	1
AMA	101	Communications in Healthcare	2
AMA	102	Legal Concepts	1
AMA	103	Ethical Concepts	1
AMA	104	Office Emergencies	1
AMA	106	Patient History, Documentation & Physical Exam	1
AMA	112	Credentials & Employment	1
AMA	114	Basic Psychology Principles	1
AMA	115	HIV/AIDS	1
AMA	120	Front Office Basics	1
AMA	121	Patient Scheduling	1
AMA	122	Medical Records & Correspondence	1
AMA	123	Daily Financial Management	1
AMA	125	Intro to Medical Insurance & Coding	2
AMA	170	AP/Terminology/Pathology 1 Intro	2
AMA	171	AP/Terminology/Pathology 2 Skin & Senses	1
AMA	172	AP/Terminology/Pathology 3 Digestive System	1
AMA	173	AP/Terminology/Pathology 4 Male Reproductive & Urinary Systems	1
AMA	174	AP/Terminology/Pathology 5 Female Reproductive System	1
AMA	175	AP/Terminology/Pathology 6 Nervous System	1
AMA	176	AP/Terminology/Pathology 7 Endocrine System	1
AMA	177	AP/Terminology/Pathology 8 Musculoskeletal System	1
AMA	178	AP/Terminology/Pathology 9 Cardiovascular System	1
AMA	179	AP/Terminology/Pathology 10 Respiratory System	1
AMA	180	AP/Terminology/Pathology 11 Blood & Lymph Systems	1
AMA	181	AP/Terminology/Pathology 12 Specialty Topics	1
AMA	226	Medical Insurance Coding I	1
AMA	227	Medical Insurance Billing	2
AMA	230	Medical Office Management	1
AMA	246	Patient Prioritizing & Instruction	1

RELATED INSTRUCTION

BUS	236	Interpersonal Communications for the Workplace *	5

TOTAL CREDITS	40

* BUS 236 is a non-modular (not self-study) course, but is required for the program.

Basic Medical Reception

An option of the Medical Assisting program, this program prepares the student for entry-level positions such as front desk, receptionist, or file clerk. Instruction includes safety, hygiene, communication, computation, professionalism, work habits, and job search skills.

This is an open-entry/open-exit, self-paced, variable-length program. See page 108 for explanation.

Students will have additional expenses other then the fees charged by the college. A separate list is available at the division office or from an advisor. Program prerequisite: Completion of Medical Terminology.

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

Certificate

TECHNICAL SPECIALTY COURSES

AMA	100	Intro to Healthcare	1
AMA	101	Communications in Healthcare	2
AMA	102	Legal Concepts	1
AMA	103	Ethical Concepts	1
AMA	104	Office Emergencies	1
AMA	106	Patient History, Documentation & Physical Exam	1
AMA	112	Credentials & Employment	1
AMA	114	Basic Psychology Principles	1
AMA	115	HIV/AIDS	1
AMA	120	Front Office Basics	1
AMA	121	Patient Scheduling	1
AMA	122	Medical Records & Correspondence	1
AMA	125	Intro to Medical Insurance & Coding	2

RELATED INSTRUCTION

BUS	236	Interpersonal Communications for the Workplace *	5

TOTAL CREDITS	20

* BUS 236 is a non-modular (not self-study) course, but is required for the program.

NORTH / Professional/Technical Programs

Medical Fundamentals for Clinical Research Professionals

An option of the Medical Assisting program, this program is for people who are already in the clinical research field. Instruction covers safety, hygiene, communication, computation, professionalism, work habits, and job search skills.

This is an open-entry/open-exit, self-paced, variable-length program. See page 108 for explanation.

Program prerequisite: completion of Medical Terminology and Anatomy and Physiology. Standard courses or the modules offered by the Medical Assisting Program may be taken.

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

Certificate

TECHNICAL SPECIALTY COURSES

AHM	117	Intro to Lab & Clinical Safety	1
AHM	118	Intro to Patient History, Documentation, & Medical Records	1
AHM	151	OB/GYN/Pediatric Theory	1
AHM	152	Theory of Exams by Body Systems	1
AHM	153	Theory of Medication Calculation & Administration	1
AHM	154	EKG Theory	1
AHM	155	Phlebotomy Theory	1
AHM	244	Intro to Imaging	1
AMA	107	Vital Signs & Measurements	1
AMA	109	Pharmacology	1
AMA	116	Principles of IV Therapy	1
AMA	241	Male Reproductive/Gerontology	1
AMA	253	Hematology	1
AMA	254	Urinalysis	1
AMA	255	Basic Microbiology	1
AMA	256	Specialty Lab Tests & Chemistry	1
TOTAL CREDITS			**16**

Health Care Assistant Preparation

An option of the Medical Assisting program, this program is for working Medical Assistants. Instruction covers safety, hygiene, communication, computation, professionalism, work habits, and job search skills.

Nine hundred hours of formal education at the post secondary level must be completed. The following courses, as well as medical terminology and anatomy and physiology, are all required to qualify for HCA levels A, C, & E. This certificate is intended for current employees in the medical field only.

This is an open-entry/open-exit, self-paced, variable-length program. See page 108 for explanation.

For more information about this program go to: http://www.wssma.org/hcalaw.php

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

Certificate

TECHNICAL SPECIALTY COURSES

AMA	103	Ethical Concepts	1
AMA	109	Pharmacology	1
AMA	115	HIV/AIDS	1
AMA	117	Intro to Lab & Clinical Safety	1
AMA	250	Medication Calculations & Administration	2
AMA	252	Phlebotomy	2
AMA	255	Basic Microbiology	1
TOTAL CREDITS			**9**

NANOTECHNOLOGY

Math, Science & Social Science Division
(206) 527-3746

The nanotechnology degree prepares graduates for entry-level technician positions in the nano/micro-fabrication industry and related manufacturing industries. Nano/micro-technology is the basis for the manufacturing of a wide range of technology products such as computer chips, flat panel displays, solar power arrays, robotics, industrial parts, biological implants, and DNA monitoring, medical and pharmaceutical equipment. This cross-disciplinary program combines elements of materials science, chemistry, biology, physics, electronics and engineering. Students learn clean room procedures and maintenance of nano/micro fabrication and characterization equipment. Graduates may enter a wide range of materials-based industries.

Certificate

This one-year certificate prepares people with work or academic experience in micro-electronics, biotechnology, optics or similar technical field to learn nanoscience and become proficient in nanotechnological protocols. Prerequisites: one year of college-level chemistry and two quarters of college-level physics, with a 2.0 or higher.

TECHNICAL SPECIALTY REQUIREMENT

NANO	101	Intro to Nanotechnology	5

TECHNICAL ELECTIVES **25**

MSC	101	Materials Science	5
NANO	150	Internship / Practicum I	5
NANO	210	Laboratory Procedure & Quality Control *	5
NANO	220	Materials Deposition & Characterization	5
NANO	230	Nano/Micro Device Fabrication & Testing	5
NANO	250	Capstone/Practicum 2	5

* Prereq MATH 109

TOTAL CREDITS			**30**

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

TECHNICAL SPECIALTY COURSES

NANO	101	Intro to Nanotechnology	5
NANO	150	Internship/Practicum 1	5
NANO	210	Laboratory Procedures & Quality Control	5
NANO	220	Materials Deposition & Characterization	5
NANO	230	Nano/Micro Device Fabrication & Testing	5
NANO	250	Capstone/Practicum 2	5

RELATED INSTRUCTION

BIOL&	160	General Biology w/Lab	5
BIOL&	260	Microbiology	5
BUS	236	Interpersonal Communications for the Workplace	5
CHEM&	121	Intro to Chemistry	5
CHEM&	122	Intro to Organic Chemistry	5
CHEM&	123	Intro to Biochemistry	5
CSC	111	Computers for Math & Science	5
EET	160	Intro to Electricity & Electronics	5
ENGL&	101	English Composition I	5
MATH	109	Elementary Statistics	5
MSC	101	Materials Science	5
PHYS&	121	General Physics I	5
PHYS&	122	General Physics II	5

-OR-

PHYS&	123	General Physics III	5
		Global Studies Elective	5
		TOTAL CREDITS	**100**

NURSING, CERTIFIED NURSING ASSISTANT

Health & Human Services Division
(206) 527-3790

This one-quarter course prepares students for the certification test for an entry-level position in the health care field. The course covers theory, laboratory and 72 hours of clinical experience. Contact the Health and Human Services division office for entry requirements and application procedures.

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

NURSING, PRACTICAL

Health & Human Services Division
(206) 527-3790

Candidates for the Practical Nursing certificate must meet specific course requirements established by the Washington State Board for Practical Nurse Examiners. The four-quarter program prepares graduates for practical nursing careers in acute care, long-term care and out-patient services. The first quarter is devoted to classroom and laboratory studies emphasizing nursing skills, general medical knowledge and behavior. The remaining program includes extensive clinical experience in health care agencies.

New daytime classes begin in Fall and Spring Quarters. Contact the division office for entry requirements, information on approval procedures, the application process and the schedule for orientation/advising sessions.

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

PROGRAM PREREQUISITES

Math: COMPASS test placement into MAT 098 within the last two (2) years or transcript showing successful completion of MAT 098 Intermediate Algebra or MAT 100 Math for Health Careers within the last 5 years.

BIOL&	241	Anatomy & Physiology I	5
BIOL&	242	Anatomy & Physiology II	5
ENGL&	101	English Composition I	5
NUR	099	Intro to Critical Thinking in Nursing Practice	2
PSYC&	200	Lifespan Psychology	5
		TOTAL PREREQUISITES	**22**

BIOL& 241 AND 242 and Math requirement must be taken within 5 years of application date. All prerequisites must be completed with a minimum 2.0 grade and an overall GPA of 2.5 or higher.

STRONGLY RECOMMENDED:

AHI	100	Intro to Medical Vocabulary	3
MATH	100	Math for Health Careers	3

Certificate

TECHNICAL SPECIALTY COURSES

NUR	116	Nursing Fundamentals *	6
NUR	117	Nursing Fundamentals – Lab & Clinical Practice *	3
NUR	118	Clinical Nursing Skills I *	2
NUR	119	Clinical Nursing Skills II *	1
NUR	126	Legal Aspects/Career Opportunities	1
NUR	127	Medical/Surgical Nursing – Child/Adult I	6
NUR	128	Medical/Surgical Nursing – Child/Adult II	6
NUR	130	Critical Thinking in Nursing Practice	3
NUR	131	Clinical Nursing Practice I *	3.5
NUR	133	Family Nursing Maternal Theory	3
NUR	134	Family Nursing Clinical *	1.5
NUR	139	Senior Experience *	1

NUR 141 Clinical Nursing Practice II * 3.5
NUR 151 Basic Pharmacology I &
Pharmacy Calculations * 2.5
NUR 152 Basic Pharmacology II * 2.5
NUR 153 Administration of Medications * 0.5
NUR 154 Intravenous Therapy Skills * 1

TOTAL CREDITS 47

*A total of 33 hours of instruction in the area of computation will be earned by completing all courses marked with *.*

NOTE: To complete the program, a 2.0 grade or better is required in all nursing courses.

NURSING: ASSOCIATE OF APPLIED SCIENCE - TRANSFER DEGREE

North Seattle Community College's LPN-to-RN Ladder program provides an option for LPNs with a minimum of 1040 hours working experience to complete coursework for a 3-quarter part-time RN program that will make them eligible to take the Registered Nurse (RN) state boards.

Successful completion of the program earns an Associate of Applied Science - Transfer Degree of Nursing. Students must first successfully complete an LPN certificate program and the general education and related instruction requirements.

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

PREREQUISITES
Minimum of 35 credits from an accredited Practical Nursing program

GENERAL EDUCATION & RELATED INSTRUCTION REQUIREMENTS
BIOL& 241 Anatomy & Physiology I 5
BIOL& 242 Anatomy & Physiology II 5
BIOL& 260 Microbiology * 5
ENGL& 101 English Composition I 5
NTR 150 Human Nutrition 5
PSYC& 100 General Psychology 5
PSYC& 200 Lifespan Psychology 5

ELECTIVE
U.S. Cultures or Global Studies ** 5
Computation or Quantitative/Symbolic Reasoning * 5

* BIOL& 241, 242 and BIOL& 260 must be taken within five years of application date.

* Students may choose from either category*

TOTAL 45

Certificate

TECHNICAL SPECIALTY COURSES
NUR 223 Advanced Nursing Skills I 0.5
NUR 224 Principles of Health Promotion &
Health Care Education in Nursing 1.5
NUR 225 Psych, Soc & Family Nursing ** 3.5
NUR 226 Care Management &
Leadership in Nursing 1.5
NUR 227 Nursing Management of Complex
Health Conditions ** 4.5
NUR 228 Nursing Management of Complex
Health Conditions Clinical Practice 3
NUR 231 Psych, Soc & Family Nursing Clinical Practice . . 3
NUR 233 Advanced Nursing Skills IV 0.5
NUR 234 Implementation of Health Promotion &
Health Care Education in Nursing 1.5
NUR 235 Legal Aspects/Care Systems in Nursing 1.5
NUR 237 Nursing Management of Complex
Health Conditions/Family Nursing ** 4
NUR 238 Senior Experience/Family Nursing
Clinical Practice 3

NOTE: To complete the program, a 2.0 grade or better is required in all nursing and prerequisite courses, with an overall GPA of 2.8.

* Courses contain some distance learning activities*

TOTAL CREDITS 108

PARENT EDUCATION

Health & Human Services Division
(206) 527-3783

North Seattle Community College offers parent education programs with classes held on- and off-campus during Fall, Winter and Spring Quarters. Parents may also take online classes every quarter.

Parents who enroll in the "Parent Education Child Study Laboratory" participate once a week with their child in a parent-operated cooperative preschool, pre-3, toddler, or infant education program. The student's child is enrolled from 1–4 days a week, depending on the child's age. Enrolled parents also attend parenting classes and learn decision-making and group management skills as officers or committee members in the cooperative. The program gives parents the opportunity to:

■ Study child development and behavior.
■ Learn new ways to interact with children.
■ Share ideas and experiences with other adults.
■ Share in their child's early development and group experiences.

PHARMACY TECHNICIAN

Health & Human Services Division
(206) 527-3790

Pharmacy technicians support pharmacists, who are legally responsible for all prescription orders and drug dispensing. The program emphasizes knowledge and skills associated with the varied responsibilities of the pharmacy technician. Graduates of the program are employed in hospitals, home infusion, long-term care, independent and chain community pharmacies, out-patient clinics, insurance carriers, and pharmacy software companies. Employment opportunities have remained strong in this health service occupation since its inception in 1975.

Applicants should contact the division office regarding enrollment and current information. The program begins in Fall and Spring Quarters.

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

Certificate

TECHNICAL SPECIALTY COURSES

AHI	100	Intro to Medical Vocabulary	3
PHA	112	Pharmacy Law	2
PHA	115	Orientation to Pharmacy Practice	2
PHA	120	Pharmacy Calculations	3
PHA	130	Over-the-Counter Drugs	2
PHA	140	Sterile Products & Aseptic Technique I	2
PHA	141	Sterile Products & Aseptic Technique II	2
PHA	145	Pharmacy Ethics	1
PHA	150	Pharmacology I	3
PHA	151	Pharmacology II	3
PHA	155	Special Topics	4
PHA	160	Pharmacy Technology I	3
PHA	161	Pharmacy Technology II	2
PHA	170	Pharmacy Records Management	4
PHA	190	Pharmacy Technician Externship	13
TOTAL CREDITS			**49**

RADIOLOGIC TECHNOLOGY

Health & Human Services Division
(206) 527-3790

In cooperation with Bellingham Technical College, North Seattle Community College offers a Radiologic Technology A.A.S. degree to prepare students for careers in the high-demand field of Radiology Technologist. Students attend classes and complete their hands-on clinic training through North, but are enrolled through Bellingham Technical College. Students learn online, through computer lab activities, video conferencing, and radiology lab activities at clinical sites at various locations and in the traditional classroom at North.

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

REAL ESTATE

Business, Engineering, &
Information Technologies Division
(206) 527-3730

North Seattle Community College's Real Estate program prepares students for work in Residential and Commercial Real Estate Sales and Brokerage, Appraising, Property Management, Green Real Estate, Escrow, Finance, Investment and Home Inspection. The North Seattle Real Estate Program provides the skills and educational clock hours necessary to satisfy Washington State Department of Licensing and Department of Financial Institutions requirements, and industry and continuing education requirements. Students learn from industry experts in settings emphasizing experiential learning.

For up to date information on Real Estate certificates,
degrees and courses, visit www.northseattle.edu/res.

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

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	101	Technology for Real Estate	5
RES	106	Real Estate Fraud	1
-OR-			
RES	160	Ethics for Loan Originators	1
RES	110	Intro to Commercial Real Estate	3
RES	125	Applications of Real Estate Math *	2
-OR-			
MATH&	107	Math In Society	5
-OR-			
MATH	116	Applications of Math to Management, Life & Social Science	5
RES	130	Green Real Estate	3
RES	140	Real Estate Sales & Practice	3
-OR-			
RES	290	Commercial Sales & Leasing	2
RES	141	Land Use Principles & Practice	3
RES	142	Inspecting the Condition of Real Estate	3
RES	150	Residential Sales & Leasing Documentation	1.5
RES	165	Real Estate Loan Officer	3
-OR-			
RES	166	Real Estate Loan Processing	4
-OR-			
RES	260	Real Estate Finance – Commercial	1.5
RES	170	Real Estate Law	3
RES	175	Intro to Title	3
RES	180	Basic Appraisal Principles	3
RES	190	Real Estate Escrow I	3
RES	201	Principles of Real Estate Management	3
-OR-			
RES	202	Multi-Family Property Management	3
-OR-			
RES	203	Commercial Property Management	3

RES 210 Real Estate Investments 3
RES 217 R.E. Development & Sustainability 3
RES 220 Real Estate Economics 3
RES 235 Sales & Marketing 3
Real Estate Electives. 13
  Choose any non-required courses with RES prefix

RELATED INSTRUCTION
ACCT 215 Accounting for Small Business Owners 3
BUS 236 Interpersonal Communication
        for the Workplace 5
BUS 140 Customer Relations 5
Global Studies or U.S. Culture Elective ** 5

TOTAL CREDITS   91-96
  * Students may challenge by passing the RES 125 test and
  receive 2 credits.
  ** Select 5 credits from approved list. See Advising Center.

Real Estate Appraiser

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

TECHNICAL SPECIALTY COURSES
RES 100 Real Estate Fundamentals 5
RES 101 Technology for Real Estate 5
RES 106 Real Estate Fraud. 1
RES 125 Applications of Real Estate Math * 2
RES 141 Land Use Principles & Practice 3
RES 142 Inspecting the Condition of Real Estate 3
RES 150 Real Estate Sales &
        Leasing Documentation. 1.5
RES 165 Real Estate Loan Officer 3
-OR-
RES 166 Real Estate Loan Processing. 4
-OR-
RES 260 Real Estate Finance – Commercial. 2
RES 170 Real Estate Law 3
RES 180 Basic Appraisal Principles 3
RES 183 Basic Appraisal Procedures. 3
RES 184 Residential Market Analysis &
        Highest & Best Use 1.5
RES 185 Residential Appraiser Site Valuation &
        Cost Approach 1.5
RES 186 Residential Sales Comparison &
        Income Approaches 3
RES 187 Residential Report Writing. 1.5
RES 188 Statistics, Modeling & Finance 1.5
RES 189 Advanced Residential Applications. 1.5
RES 220 Real Estate Economics 3
RES 235 Sales & Marketing 3
RES 241 Appraising Small Residential
        Income Properties 3
RES 281 National USPAP Course 1.5
RES   Electives 3

RELATED INSTRUCTION
ACCT 215 Accounting for Small Business Owners 3
BUS 140 Customer Relations 5
ENGL& 101 English Composition I. 5
MATH& 107 Math In Society. 5
-OR-
MATH 116 Applications of Mathematics to
        Management, Life & Social Sciences 5
BUS 210 Business & Economic Statistics 5
General Education Elective ** 5
Social Science, Humanities or Science Electives 10

TOTAL CREDITS   93.5-95.5
  * Students may challenge by passing the RES 125 test.
  ** Select 5 credits from approved list. See Advising Center.

North Seattle Community College Real Estate

This certificate program gives a strong basic background
in real estate. The completion of six real estate courses
entitles the student to a certificate in real estate issued
by the Washington Department of Licensing and by North
Seattle Community College.

Certificate

TECHNICAL SPECIALTY COURSES
RES 100 Real Estate Fundamentals 5
RES 101 Technology for Real Estate 5
RES 165 Real Estate Loan Officer 3
-OR-
RES 166 Real Estate Loan Processing. 4
-OR-
RES 260 Real Estate Finance – Commercial 2
RES 170 Real Estate Law 3
Approved Electives * 3

TOTAL CREDITS   18-20
  * Choose any course with the Real Estate prefix of RES.

Real Estate Appraisal Trainee

Certificate

TECHNICAL SPECIALTY COURSES
RES 100 Real Estate Fundamentals 5
RES 101 Technology for Real Estate 5
RES 106 Real Estate Fraud. 1
RES 125 Applications of Real Estate Math * 2
RES 180 Basic Appraisal Principles 3
RES 183 Basic Appraisal Procedures. 3
RES 281 National USPAP Course 1.5

TOTAL CREDITS   20.5
  * Students may challenge by passing the RES 125 test.

Certified Residential Appraiser

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	101	Technology for Real Estate	5
RES	106	Real Estate Fraud	1
RES	125	Applications of Real Estate Math *	2
RES	141	Land Use Principles & Practice	3
RES	142	Inspecting the Condition of Real Estate	3
RES	150	Residential Sales & Leasing Documentation	1.5
RES	165	Real Estate Loan Officer	3
-OR-			
RES	166	Real Estate Loan Processor	4
OR			
RES	260	Real Estate Finance – Commercial	2
RES	170	Real Estate Law	3
RES	180	Basic Appraisal Principles	3
RES	183	Basic Appraisal Procedures	3
RES	184	Residential Market Analysis & Highest & Best Use	1.5
RES	185	Residential Appraiser Site Valuation & Cost Approach	1.5
RES	186	Residential Sales Comparison & Income Approaches	3
RES	187	Residential Report Writing	1.5
RES	188	Statistics, Modeling & Finance	1.5
RES	189	Advanced Residential Applications	1.5
RES	220	Real Estate Economics	3
RES	235	Sales & Marketing	3
RES	281	National USPAP Course	1.5

RELATED INSTRUCTION

BUS	140	Customer Relations	5
BUS	210	Business & Economic Statistics	5
ENGL&	101	English Composition I	5
MATH&	107	Math in Society	5
-OR-			
MATH	116	Applications of Mathematics to Management, Life & Social Sciences	5

TOTAL CREDITS	69.5-71.5

* Students may challenge by passing the RES 125 test.

Licensed Residential Appraiser

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	101	Technology for Real Estate	5
RES	106	Real Estate Fraud	1
RES	125	Applications of Real Estate Math *	2
RES	180	Basic Appraisal Principles	3
RES	183	Basic Appraisal Procedures	3
RES	184	Residential Market Analysis & Highest & Best Use	1.5
RES	185	Residential Appraiser Site Valuation & Cost Approach	1.5
RES	186	Residential Sales Comparison & Income Approaches	3
RES	187	Residential Report Writing	1.5
RES	220	Real Estate Economics	3
RES	235	Sales & Marketing	3
RES	281	National USPAP Course	1.5

TOTAL CREDITS	34

* Students may challenge by passing the RES 125 test.

Real Estate Brokerage

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	106	Real Estate Fraud	1
RES	130	Green Real Estate	3
RES	142	Inspecting the Condition of Real Estate	3
-OR-			
RES	175	Intro to Title	3
RES	150	Real Estate Sales & Leasing Documentation	1.5
RES	165	Real Estate Loan Officer	3
-OR-			
RES	166	Real Estate Loan Processing	4
-OR-			
RES	260	Real Estate Finance – Commercial	2
RES	170	Real Estate Law	3
RES	190	Real Estate Escrow I	3
RES	230	Professional Business Practices of Brokerage Management	5
RES	235	Sales & Marketing	3

TOTAL CREDITS	29.5-31.5

Commercial Real Estate

Certificate

TECHNICAL SPECIALTY COURSES

RES	141	Land Use Principles & Practice	3
RES	217	R.E. Development & Sustainability	3
RES	260	R.E. Finance – Commercial	2
RES	290	Commercial Sales & Leasing	3
RES	295	Commercial R.E. Investment Analysis	2
RES Electives			3
TOTAL CREDITS			**16**

Commercial Real Estate and Investment

Certificate

TECHNICAL SPECIALTY COURSES

RES	110	Intro to Commercial Real Estate	3
RES	125	Applications of Real Estate Math *	2
RES	141	Land Use Principles & Practice	3
RES	170	Real Estate Law	3
RES	217	R.E. Development & Sustainability	3
RES	220	Real Estate Economics	3
RES	260	Real Estate Finance – Commercial	2
RES	290	Commercial Sales & Leasing	2
RES	295	Commercial Real Estate Investment Analysis	2
Approved Elective *			3
TOTAL CREDITS			**26**

* Choose 3 credits from approved list. See Advising Center.

Real Estate Escrow

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	106	Real Estate Fraud	1
-OR-			
RES	160	Ethics for Loan Originators	1
RES	150	Real Estate Sales & Leasing Documentation	1.5
RES	170	Real Estate Law	3
RES	175	Intro to Title	3
RES	190	Real Estate Escrow I	3
RES	195	Real Estate Escrow II	3
Approved Electives *			6
TOTAL CREDITS			**25.5**

* Choose any courses with RES prefix, or CWE 101 or CWE 110.

Home Inspection

Certificate

TECHNICAL SPECIALTY COURSES

ACCT	215	Accounting for Small Business Owners	3
RES	143	Intro to Home Inspection Professional Practices	3
RES	144	Inspecting Structural Framing & Plumbing Systems	4
RES	145	Inspecting Exteriors & Roofing	4
RES	146	Inspecting Heating Systems I	2
RES	147	Inspecting Heating Systems II	2
RES	148	Inspecting Electrical Systems	3
RES	149	Inspecting Heat Pumps, AC, Interiors, Insulation & Venting	4
RES	235	Sales & Marketing	3
TOTAL CREDITS			**28**

Real Estate Loan Originator

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	106	Real Estate Fraud	1
RES	125	Applications of Real Estate Math *	2
RES	160	Ethics for Loan Originators	1
RES	165	Real Estate Loan Officer	3
RES	180	Basic Appraisal Principles	3
RES	235	Sales & Marketing	3
RES	266	Real Estate Loan Underwriter	3
Approved Electives **			3
TOTAL CREDITS			**24**

* Students may challenge by passing the RES 125 test.
** Choose 3 credits from approved list. See Advising Center.

Real Estate Loan Processor

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	106	Real Estate Fraud	1
RES	160	Ethics for Loan Originators	1
RES	166	Real Estate Loan Processing	4
RES	175	Intro to Title	3
RES	190	Real Estate Escrow I	3
RES	266	Real Estate Loan Underwriter	3
Approved Elective *			3
TOTAL CREDITS			**23**

* Select from approved list. See Advising Center.

Real Estate Property Management

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	120	Real Estate Principles of Maintenance & Repair	1.5
RES	170	Real Estate Law	3
RES	101	Technology for Real Estate	5

Choose two:

RES	201	Principles of Real Estate Management	3
-OR-			
RES	202	Multi-Family Property Management	3
-OR-			
RES	203	Commercial Property Management	3
RES	220	Real Estate Economics	3
Approved Elective *			3

TOTAL CREDITS	26.5

* Choose any non-required RES course or BUS 140, 197, 131, 230, 236 or CWE 100.

Real Estate Sales

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	106	Real Estate Fraud	1
RES	125	Applications of Real Estate Math *	2
RES	140	Real Estate Sales Practice	3
-OR-			
RES	290	Commercial Sales & Leasing	3
RES	142	Inspecting the Condition of Real Estate	3
-OR-			
RES	175	Intro to Title	3
-OR-			
RES	180	Basic Appraisal Principles	3
-OR-			
RES	190	Real Estate Escrow I	3
RES	150	Residential Sales & Leasing Documentation	1.5
RES	165	Real Estate Loan Officer	3
-OR-			
RES	166	Real Estate Loan Processing	4
-OR-			
RES	260	Real Estate Finance – Commercial	2
RES	170	Real Estate Law	3

TOTAL CREDITS	20.5-22.5

* Students may challenge by passing the RES 125 test.

Real Estate Sales (Advanced)

Certificate

TECHNICAL SPECIALTY COURSES

RES	100	Real Estate Fundamentals	5
RES	101	Technology for Real Estate	5

RES	106	Real Estate Fraud	1
RES	125	Applications of Real Estate Math *	2
RES	130	Green Real Estate	3
RES	140	Real Estate Sales Practice	3
-OR-			
RES	290	Commercial Sales & Leasing	3
RES	142	Inspecting the Condition of Real Estate	3
-OR-			
RES	175	Intro to Title	3
-OR-			
RES	180	Basic Appraisal Principles	3
-OR-			
RES	190	Real Estate Escrow I	3
RES	150	Residential Sales & Leasing Documentation	1.5
RES	165	Real Estate Loan Officer	3
-OR-			
RES	166	Real Estate Loan Processing	4
-OR-			
RES	260	Real Estate Finance – Commercial	2
RES	170	Real Estate Law	3

TOTAL CREDITS	28.5-30.5

* Students may challenge by passing the RES 125 test.

LIST OF APPROVED REAL ESTATE ELECTIVES

RES	100	Real Estate Fundamentals	5
RES	101	Technology for Real Estate	5
RES	120	Real Estate Principles of Maintenance & Repair	1.5
RES	130	Green Real Estate	3
RES	140	Real Estate Sales Practice	3
RES	142	Inspecting the Condition of Real Estate	3
RES	150	Residential Sales & Leasing Documentation	1.5
RES	176	Using Tax-Deferred Exchanges	1.5
RES	177	Real Estate Taxes	1.5
RES	178	Buyers Agency	1.5
RES	180	Basic Appraisal Principles	3
RES	200	Seminar in Current Real Estate Issues	
RES	201	Principles of Real Estate Management	3
RES	202	Multi-Family Property Management	3
RES	203	Commercial Property Management	3
RES	210	Residential Property Investments	3
RES	217	R.E. Development & Sustainability	3
RES	225	Current Trends in Real Estate Market Analysis	1.5
RES	235	Sales & Marketing	3
RES	280	Commercial Real Estate: Market & Income	3
RES	281	National USPAP	1.5
RES	298	Special Projects	2-5
CWE	101	Portfolio, Job Search, & Interviewing	2
CWE	110	Internship	3

NORTH / Professional/Technical Programs

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

WATCH TECHNOLOGY INSTITUTE

**Business, Engineering &
Information Technologies Division
(206) 526-0169**

The Watch Technology Institute is the only watchmaking school on the West Coast. This program utilizes the same curriculum as the Watchmakers of Switzerland Training and Educational Program (WOSTEP), which is internationally regarded in the watchmaking industry. The Watch Technology program accepts 12 students per year and requires 3000 hours of instruction over 8 quarters. After the successful completion of the program, students may take the WOSTEP exams for certification. Interested students should contact Elaine Rolf at (206) 526-0169 or at erolf@sccd.ctc.edu.

Students may also take Jewelry Design courses (ART 281, 282, 283) which are not required for the certificate or degree.

Certificate

TECHNICAL SPECIALTY COURSES

HIN	111	Watch Technology I – Intro	6
HIN	112	Watch Technology I – Tools, Equipment/Measurement	6
HIN	113	Watch Technology I – Practicum	10
HIN	121	Watch Technology II – Professional Knowledge	6
HIN	122	Watch Technology II – The Watchmaker's Lathe	6
HIN	123	Watch Technology II – Practicum	10
HIN	131	Watch Technology III – Winding & Setting Mechanisms & Gear Trains	6
HIN	132	Watch Technology III – Escapements	6
HIN	133	Watch Technology III – Practicum	10
HIN	141	Watch Technology IV – Escapements 2	4
HIN	142	Watch Technology IV – Balance Springs	4
HIN	143	Watch Technology IV – Practicum	8
HIN	211	Watch Technology V – Intro to Precision Timing	6
HIN	212	Watch Technology V – Intro to Electronic Watches	6
HIN	213	Watch Technology V – Practicum	10
HIN	221	Watch Technology VI – Advanced Precision Timing	6
HIN	222	Watch Technology VI – Intro to Automatic Mechanisms	6
HIN	223	Watch Technology VI – Practicum	10
HIN	231	Watch Technology VII – Advanced Precision Timing	6
HIN	232	Watch Technology VII – Chronographs	6
HIN	233	Watch Technology VII – Practicum	10
HIN	241	Watch Technology VIII – After Sales Service	4
HIN	242	Watch Technology VIII – Review of Course	4
HIN	243	Watch Technology VIII – Practicum	8

TOTAL CREDITS 164

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

Completion of Certificate Requirements 164

TECHNICAL SPECIALTY COURSES

ACCT	110	Intro to Accounting/Bookkeeping I	5
BUS&	101	Intro to Business	5
CMST	185	Organizational Communication *	5
ENGL&	230	Technical Writing	3
ENGL&	101	English Composition I	5

* Satisfies 5 General Education requirements.

GENERAL EDUCATION COURSES   **5**

*Select 5 more credits from approved list.
See Advising Center.*

TOTAL CREDITS   192