

GENERAL INFORMATION

Radiologic technologists take x-rays and administer nonradioactive materials into patients' bloodstreams for diagnostic purposes.

Radiologic technologists also referred to as radiographers, produce x-ray films (radiographs) of parts of the human body for use in diagnosing medical problems. They prepare patients for radiologic examinations by explaining the procedure, removing jewelry and other articles through which x rays cannot pass, and positioning patients so that the parts of the body can be appropriately radiographed.

Radiologic technologists must follow physicians' orders precisely and conform to regulations concerning the use of radiation to protect themselves, their patients, and their coworkers from unnecessary exposure.

In addition to preparing patients and operating equipment, radiologic technologists keep patient records and adjust and maintain equipment. They also may prepare work schedules, evaluate purchases of equipment, or manage a radiology department.

Radiographers may specialize in Diagnostic Ultrasound, computed tomography (CT), or Magnetic Resonance Imaging. Another common specialty for radiographers specialize in is mammography.

Physical stamina is important in this occupation because technologists are on their feet for long periods and may lift or turn disabled patients.

Most full-time radiologic technologists work about 40 hours a week. They may, however, have evening, weekend, or on-call hours. Opportunities for part-time and shift work also are available.

PROGRAM INFORMATION

Bellingham Technical College offers a Radiologic Technology degree in a program that can be completed on the Everett Community College campus. Everett also offers courses that prepare a student to enter any of the Radiologic Technology programs at other colleges.

Students have the option to transferring to one of three local programs:

Bellingham Technical College (BTC): 21 month program for Associate in Applied Science degree
www.btc.ctc.edu/DegreesCertificates/Programs/PRG-ProgramMain.asp?Program=64
Email: crichter@btc.ctc.edu
Phone: Chris Richter, 360-752-8321

Bellevue College (BC):

- a) 23 month program (8 quarters) for Associate of Arts degree

<http://bellevuecollege.edu/radon> or

<http://bellevuecollege.edu/ratec>

E-mail: imagingprograms@bellevuecollege.edu

Phone: 425-564-2316

- b) 180 credit program (4 years) for Bachelor of Applied Science in Radiation and Imaging Sciences

<http://bellevuecollege.edu/catalog/degrees/bas.asp>

Seattle University (SU): 4 year program for Bachelor of Science in Diagnostic Ultrasound

Web: <http://www2.seattleu.edu/scieng/diagu>

E-mail: sonar@seattleu.edu

Phone: 206-296-5960

Note: Most programs require that all science courses be completed by the time of application to the program. The BTC program accepts applicants based on time of application, and has a wait list that may be up to two years. The BC program accepts applications based on the quality of their applications (GPA, essay, etc.)

CAREER OPTIONS

Radiologic technologists held about 196,000 jobs in 2006. More than 60 percent of all jobs were in hospitals. Most other jobs were in offices of physicians; medical and diagnostic laboratories, including diagnostic imaging centers; and outpatient care centers.

Employment of radiologic technologists is expected to increase by about 15 percent from 2006 to 2016, faster than the average for all occupations. Median annual earnings of radiologic technologists were \$48,170 in May 2006.

Occupational Outlook Handbook, 2008-09 Edition, www.bls.gov/oco/ocos105.htm [June 2009]

PROGRAM ADVISORS

For specific advising in Radiologic Technology programs, contact:

Fayla Schwartz, Shuksan 117, 425-388-9451,
fschwartz@everettcc.edu

For BTC program, also contact Chris Richter, 360-752-8321
crichter@btc.ctc.edu

ASSOCIATE DEGREE PREREQUISITES

PLEASE NOTE: This is NOT a degree or certificate from Everett Community College. This is a checklist for planning purposes only. Requirements listed for transfer to Bellingham Technical College (BTC, Note 1) and Bellevue College (BC, Note 2). Please see an advisor if you are considering this option.

Courses listed with an ampersand in the course number (e.g. ENGL&101) reflect the new Common Course Numbering System.
Courses in [brackets] are the "old" course numbers and may be used to satisfy requirements. For more information, go to www.everettcc.edu/ccn

<u>COURSE</u>	<u>TITLE</u>	<u>CREDITS</u>	<u>QUARTER COMPLETED</u>	<u>GRADE</u>
COURSES FOR TRANSFER TO BTC AND BCC				
ENGL& 101	English Composition 1	5	_____	_____
MATH 099	Intermediate Algebra	5	_____	_____
CHEM& 121	Introduction to Chemistry (See Note 3)	5	_____	_____
BIOL& 211 [160]	Majors Cellular	5	_____	_____
BIOL& 231 [235]	Human Anatomy	6	_____	_____
BIOL& 232 [237]	Human Physiology	6.5	_____	_____
PEHW 201	Emergency Response (Fulfills Current CPR Requirement)	5	_____	_____
COURSES FOR BTC ONLY				
CL 101	Computer Literacy	5	_____	_____
HLTH 100	Medical Terminology	5	_____	_____
PSYC& 100	General Psychology	5	_____	_____
COURSES FOR BC ONLY				
Diversity Course	_____		_____	_____
COURSES FOR DIAGNOSTIC ULTRASOUND SPECIALTY, BC ONLY				
PHYS 102 or PHYS& 121 (See Note 4)	_____		_____	_____
ENGL& 102	_____		_____	_____
SOC& 101	_____		_____	_____
HLTH 100	_____		_____	_____

Note 1: BTC requires minimum GPA of 2.7 in math and science classes and 2.0 in other classes. BIOL&231 and BIOL&232 must be completed within the last 3 years. Admission to this program is not selective: all qualified applicants will be admitted, but there may be a 1-2 year wait list.

Note 2: BC requires minimum GPA of 2.5 in all classes, but prefers 3.0. BIOL&231 and BIOL&232 must be completed within the last 5 years. Admission to this program is selective: the best applicants will be selected each year.

Note 3: This course is a prerequisite for BIOL& 211 but can be waived if student has taken 1 year of high school chemistry within the last 2 years and achieved a grade of C or higher.

Note 4: PHYS 102 is not currently offered at EvCC. PHYS& 121 has a prerequisite of MATH 138.

Associate in Arts and Sciences - Option I

(Transfer to a Specific College or University)

This checklist is targeted at transfer students with an interest in transferring to a bachelors degree program at a community college or university. Students should meet with an advisor and maintain this checklist while at Everett Community College. The quarter before expected completion, this checklist should be submitted with a diploma application to the Enrollment Services Office. Note: All courses must be numbered 100 or higher. Though courses in a foreign language are not required in the Option I degree, some universities may require 2 or 3 quarters of foreign language for admission or for graduation.

Courses listed with an ampersand in the course number (e.g. ENGL&101) reflect the new Common Course Numbering System.
 Courses in [brackets] are the "old" course numbers and may be used to satisfy requirements. For more information, go to www.everettcc.edu/ccn

Student Name: _____ Advisor Signature: _____ Date: _____

COMPLETION of Diversity Course

	(Where Completed/Course Title)		(Year Completed)	(Grade)
Course Number	Course Title	Credits	Quarter Completed	Grade
BASIC COMMUNICATIONS SKILLS				
ENGL& 101	English Composition I	5	_____	_____
ENGL& 102	Composition II	5	_____	_____
BASIC QUANTITATIVE SKILLS				
MATH 138	Applied College Algebra	5	_____	_____
HUMANITIES (SU requires PHIL& 101)				
_____	_____	5	_____	_____
SOCIAL SCIENCE				
BUS& 101	Introduction to Business	5	_____	_____
SCIENCE AND MATH				
BIOL& 211 [160]	Majors Cellular	5	_____	_____
BIOL& 231 [235]	Human Anatomy	6	_____	_____
BIOL& 232 [237]	Human Physiology	6.5	_____	_____
CHEM& 121	Introduction to Chemistry (See Note 3)	5	_____	_____
MATH& 142 (SU only)	Precalculus II: Trigonometry	5	_____	_____
MATH& 146*	Introduction to Statistics	5	_____	_____
MATH& 148 (SU only)	Business Calculus	5	_____	_____
PHYS& 121 (SU only)	General Physics I	5	_____	_____
PHYS& 122 (SU only)	General Physics II	5	_____	_____
ELECTIVES				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Minimum 90 credits required, with minimum 2.0 GPA.

* Work with an advisor to determine if this course is required for your chosen transfer institution.

Note 1: See an advisor to determine an individualized plan of study depending on the program to which you plan to transfer.

Note 2: Receiving institutions require a GPA of 2.5 or higher for all courses

Note 3: This course is a prerequisite for BIOL& 211 but can be waived if student has taken 1 year of high school chemistry within the last 2 years and achieved a grade of C or higher.

Note 4: BC = Bellevue College; SU = Seattle University

GETTING STARTED AT EVCC

Our Enrollment Services Office provides information about application, advising, orientation and registration for new and continuing students. All prospective and current students are invited to contact the Enrollment Services Office or the Counseling, Advising and Career Center (CACC) if they would like to speak one-to-one with an advisor about getting started. Contact:

- ◆ Enrollment Services, Jackson Ctr, 425-388-9219, admissions@everettcc.edu
- ◆ Counseling, Advising and Career Center, Third Floor, Parks Student Union, 425-388-9263



About Everett Community College

Improve your personal skills, discover new ideas, prepare for work and/or university transfer, and improve your career prospects through programs at EvCC.

Each term, about 9,000 students enroll in a wide variety of courses. Day, evening, distance, and workplace-based options are available. Students may enroll on a full-time or part-time basis. EvCC offers two-year associate degrees, short-term certificates, endorsements and industry certifications.

Student life can be active. Currently, EvCC offers athletic programs in basketball, baseball, and soccer, to name a few.

Student clubs range from Phi Theta Kappa (the Honor Society) to the United Native American Council to the International Club to the German Club, and more. Our Student Government and Programs Board are always on the go with activities that make college life fun. There are also opportunities to develop leadership skills.

Student services are designed to support students in their studies, remove barriers, and enrich student life. Financial aid services offer grant and loan opportunities, as well as scholarships. Our Counseling, Advising and Career Center has a rich array of information and personal assistance for students. The Diversity and Equity Center supports student activities that promote growth and opportunity toward cultural understanding.

Former EvCC students have found employment in business and industry, in community service agencies, in schools, and in other locales. Our transfer students are known to do very well at the UW, WWU and other schools.

Everett Community College does not discriminate on the basis of race, religion, creed, color, national origin, age, sex, sexual orientation, marital status, the presence of any physical, sensory or mental disability, or status as a disabled or Vietnam era veteran in its program and activities, or employment. The Vice President of Student Services has been designated to handle inquiries regarding student-related non-discrimination policies and can be reached at 2000 Tower Street, Everett, WA 98201, or by phone at (425)388-9589. The Vice President of Human Resources has been designated to handle employment-related inquiries regarding the non-discrimination policies and can be reached at 2000 Tower Street, Everett, WA 98201, or by phone at (425)388-9232. This publication is effective **MARCH 2010**. The College reserves the right to change courses, programs, degrees and requirements. It is the student's responsibility to be aware of correct information by routinely checking with Enrollment Services and/or the advisors listed in this publication. Requirements applicable to all certificates and degrees are published in the College Catalog. Nothing contained herein shall be construed to create any offer to contract or any contractual rights.
For more information, call 425-388-9219, Everett Community College, 2000 Tower Street, Everett, WA 98201, www.everettcc.edu