Course Sequencing		
Year	Quarter	Subject
First Year	Fall	BIOL& 160 (General Biology w/ Lab)
		ENGL& 101, 102 OR 235 (English Composition 1, English Composition 2 or Technical Writing)
		PSYC& 100 (General Psychology)
	Winter	BIOL& 241 (Human A&P 1 w/ Lab)
		HSCI 147 (Medical Terminology)
		CMST& 101, 210, 220 OR CMST 260 (Introduction to Communication Studies, Interpersonal Communication, Public Speaking or Multicultural Communication)
	Spring	BIOL& 242 (Human A&P 2 w/ Lab)
		MATH& 146 (Intro to Statistics)
	Summer	
Second Year	Fall	
	Winter	Apply to the Radiologic Technology program
	Spring	
	Summer	PHYS& 110 (Physics for Non-Science Majors w/ Lab)
		RATEC 106 (Computed Imaging)
		RATEC 107 (Positioning & Related Anatomy 1)
Third Year	Fall	RATEC 120 (Nursing Procedures)
		RATEC 127 (Intro to Sectional Anatomy)
		RATEC 108 (Positioning and Related Anatomy 2)
		RATEC 102 (Radiographic Physics)
	Winter	RATEC 103 (Principles of Radiographic Exposure)
		RATEC 109 (Positioning & Related Anatomy 3)
		RATEC 111 (Clinical Education 1)
		RATEC 121 (Patient Care)
	Spring	RATEC 104 (Advanced Radiographic Procedures)
		RATEC 105 (Intro to Radiographic Technique)
		RATEC 112 (Clinical Education 2)
		RATEC 220 (Pathology 1)
	Summer	RATEC 210 (Clinical Education 4)
		IMAGE 250 (Cross Sectional Anatomy)
Forth Year	Fall	RATEC 113 (Clinical Education 3
	Winter	RATEC 212 (Clinical Education 6)
		RATEC 221 (Pathology 2)
		RATEC 240 (Radiation Biology & Protection)
	Spring	RATEC 207 (Concept Integration)
		RATEC 213 (Clinical Education 7)
		RATEC 296 (Special Topics in Radiology)

*CHEM&121 or general chemistry knowledge will assist students with BIOL classes.

BEFORE YOU START

The next opportunity to apply for the Radiologic Technology program will be in January 2025 for a summer quarter start, July 2025. Students are able to apply for the summer start each January or February.

Applicants are admitted using an index score system, which includes completion of the required prerequisites, decimal grade of each prerequisite course, and quality of the required essay. Applicants with the highest index score will be accepted into the program. Admission into the program is limited and completion of entrance requirements does not ensure admission into the program. Classes begin summer quarter.

Steps in Application Process

1. Attend an information session (highly recommended; no reservation necessary).
2. Apply for Admission to Columbia Basin College
3. Make an appointment with a counselor to create an education plan to complete the prerequisites so it coincides with your intended application date.
4. Achieve grades of at least a 2.0 in each prerequisite course.
5. Request official transcripts from all colleges attended to be sent to CBC Records (your official transcripts will not be evaluated unless there is a current CBC application on file).

Bonus Point

Students who have successfully completed a CBC Health Science program will receive one additional point to their initial Admissions Index Score. Below are examples of CBC Health Science Programs that would qualify for the extra point upon successful completion:

- Nursing Assistant or EMT (one quarter programs)
- Phlebotomy or Healthcare Central Service (two quarter programs)
- Medical Assistant or Surgical Technology (one year programs)
- Spanish Medical Interpreting
- Veterans of the United States Armed Forces

    Students who have received an honorable discharge, as indicated by a copy of their DD-214, will be given a single point for consideration towards their entry score into the program.

    *** Beginning with the 2023 RadTech application process, to gain the extra point for successful completion of a Health Sciences certificate or degree program, students must also have current certification.

REQUIREMENTS FOR ALL RADIOLOGIC TECHNOLOGY STUDENTS

- Must have a high school diploma or GED and be 18 years of age at start of the program
- English Composition I (ENGL& 101, 102 or 235)
- Anatomy & Physiology I (BIOL& 241)
- Anatomy & Physiology II (BIOL& 242)
- Mathematics (MATH& 107, 146 or MATH& 141 or above)
- Communication Studies (CMST& 101, 210 or 220, or CMST 260)
- General Psychology (PSYC& 100)
- Medical Terminology (HSCI 147)

ABOUT THE PROGRAM

An exciting career and education awaits you at Columbia Basin College's (CBC) Radiologic Technology program. The gateway to a rewarding career in the Imaging Sciences, the Radiologic Technology program at CBC offers a two-year program of instruction that prepares students to sit for the Radiologic Technologist national board exam and licensure. Radiologic technologists work directly with the patient and physician performing sophisticated diagnostic x-ray procedures including taking radiographic exposures, image and film processing, operating many types of technological equipment, and radiation safety. The radiologic technologist also provides professional handling and care of patients. The program requires a series of credit courses directly related to radiologic sciences.

OUT OF CLASS TO DO'S

National Background Search & Drug Screen Requirements

As part of the admission requirements for Health Science programs, applicants must successfully pass a criminal background check and drug screen prior to working with patients in clinical areas. The background check and drug screen are paid by the student and administered through a third party company, CastleBranch. In addition to the background check required by CBC, each clinical facility reserves the right to conduct its own criminal background check prior to allowing a student to enter its health care facilities for clinical participation.

Certain criminal convictions, pending charges, or negative actions may automatically disqualify a person from having unsupervised access to vulnerable adults, juveniles and children. Clinical facilities reserve the right to accept or decline a student's placement in its facility.

CAREER OPPORTUNITIES

Upon successful completion of the degree, students are eligible to sit for the American Registry of Radiologic Technologists (AART) certification exam, which if Passed successfully, provides the graduate with nationally recognized credentials.

Radiologic Technologist: (Primary Pathway)
- Radiologic Technologist R.T.(R)

Advanced Certifications: (Post Primary Pathway)
- Registered Radiology Assistant R.T.(R)(R.A)
- Vascular Interventional Radiography R.T.(R)(VI)
- Cardiac Interventional Radiography R.T.(R)(CI)
- Bone Densitometry R.T.(R)(BD)
- Computed Tomography R.T.(R)(CT)
- Magnetic Resonance Imaging R.T.(R)(MR)
- Mammography R.T.(R)(M)

FAQs

Class Times/Delivery Format
In-class instruction is paired with clinical labs. Students receive up to 1,800 hours of hands-on training.

Length of Program
The program is 8 quarters in length.

Which Quarter Can I Begin?
The next program start is summer 2023.

APPLY FOR FINANCIAL AID OR OTHER FUNDING

Please complete:
The FAFSA application: The Free Application for Federal Student Aid (FAFSA) provides financial aid for U.S. citizens and eligible non-citizens, such as permanent residents. Visit the FAFSA website to create your FSA ID and to complete your application.
OR
The WASFA application: The Washington Application for State Financial Aid (WASFA) is for DACA or HB 1079 undocumented students. Visit the Washington Student Achievement Council website to complete your WASFA application.

Did you know??? You can apply for CBC scholarships two times every year! Click here for more information!

PLEASE NOTE: This document represents a sample plan for degree completion with this program of study. Actual course selection and sequence may vary and should be discussed individually with your Completion Coach. Completion Coaches can also help you plan other experiences to enrich your education such as internships, research, learning communities, and campus involvement and community-based learning.

Office Hours: Monday to Thursday 7 am to 4:30 pm; Friday 7 am to noon

LEARN MORE

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