

# Radiologic Technology

## Degree Type

Associate of Technical Science Degree

Radiologic technologists are important members of the healthcare team. Their special skills serve a key function in the medical specialty of radiology, which is characterized by new and exciting advances in the prevention, diagnosis and treatment of diseases.

The WVC Radiologic Technology Program is a limited-enrollment program and is subject to special requirements and procedures. See the WVC website at [www.wvc.edu/radtech](http://www.wvc.edu/radtech) for further information. The website contains up-to-date application dates and other important information. Students may also call the WVC Allied Health Educational Planner at 509-682-6844 for information on enrolling in the program. The program requires intensive study and students are required to take prerequisite courses prior to entering the program. No advanced standing is granted. If students leave the program for any reason, they must submit a new application for reentry into the program. If students exit the program, they may apply for readmission only one time. If the exit is during the clinical year and the student wishes to return, they must apply within one year or return the fourth quarter of the first year to refresh skills and learn new policies and procedures. Students returning in the clinical year may only be assigned with a clinical affiliate with space available.

The program begins each spring quarter. Radiologic technology requires eight consecutive quarters, including summer quarters, for completion. The first year is in the classroom, online and in the energized laboratory, where students take specialized courses designed to provide a solid foundation for the clinical year. The second year is dedicated to clinical instruction under professional supervision in the affiliated clinical facilities and an online registry review course. Clinical assignments are 39 hours per week in fall, winter and spring quarters, and 34 hours per week in summer quarter, and require day, evening and weekend hours. Students will need a computer and WVC email and internet access. Students must maintain a "B" (3.0) grade point average or better or a pass in each radiologic technology program course. Out- of-town clinical assignments should be expected. Students must furnish their own transportation, housing and living expenses.

The Radiologic Technology Program is accredited by the specialized accrediting agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT) for the maximum accreditation cycle of 8 years. Wenatchee Valley College is accredited by the institutional accrediting agency Northwest Commission on Colleges and Universities (NWCCU), both of which are recognized by the American Registry of Radiologic Technologists (ARRT) ([www.arrt.org](http://www.arrt.org)).

## Suggested Course Sequence: Associate of Technical Science Degree Program

*Offered at Wenatchee campus*

Total Credits	108
Course Sequencing	

### First Year - Spring Quarter

Course ID	Title	Credits
RADT 101	Introduction to Radiologic Technology	2.0
RADT 111	Radiation Physics	5.0
RADT 121	Principles of Exposure I	3.0
RADT 131	Radiographic Positioning I	6.0
RADT 105	RADT Success I	1.0

## First Year - Summer Quarter

Course ID	Title	Credits
RADT 122	Principles of Exposure II	3.0
RADT 132	Radiographic Positioning II	6.0
RADT 151	Imaging Modalities	1.0

## First Year - Fall Quarter

Course ID	Title	Credits
RADT 123	Principles of Exposure III	3.0
RADT 133	Radiographic Positioning III	6.0
RADT 152	Patient Care	4.0
RADT 106	RADT Success II	1.0

## First Year - Winter Quarter

Course ID	Title	Credits
RADT 134	Radiographic Positioning IV	6.0
RADT 141	Radiation Biology & Protection	2.0
RADT 161	Special Procedures	3.0
RADT 162	Clinical Observation	1.0
RADT 107	RADT Success III	1.0

## Second Year - Spring Quarter

Course ID	Title	Credits
RADT 231	Clinical Education I	13.0
RADT 241	Radiographic Seminar I	1.0

## Second Year - Summer Quarter

Course ID	Title	Credits
RADT 171	Radiographic Pathology	2.0
RADT 232	Clinical Education II	9.0
RADT 242	Radiographic Seminar II	1.0

## Second Year - Fall Quarter

Course ID	Title	Credits
RADT 233	Clinical Education III	13.0
RADT 243	Radiographic Seminar III	1.0

## Second Year - Winter Quarter

Course ID	Title	Credits
RADT 234	Clinical Education IV	13.0
RADT 244	Radiographic Seminar IV	1.0

### Application Requirements:

- A completed WVC Application for Admission.
- A completed supplemental application for admission to the WVC Radiologic Technology Program available from September 1 to November 6.
- Sealed, official college transcripts from all colleges where the student has earned credit (excluding WVC).
- Be 18 years old by the 2nd year of the program (before entering clinicals).
- To be eligible, applicants must have a minimum grade of "C+" (2.3) for all [prerequisite courses \(PDF\)](#) and a cumulative GPA of 2.3 or higher.

The WVC Radiologic Technology program uses a point system (77 total points) when selecting and evaluating applications for admission. To be eligible to apply, applicants must have completed all [prerequisite courses and met all eligibility requirements \(PDF\)](#).

- Points are awarded based on grades for the following courses:
  - BIOL&211
  - BIOL&241
  - BIOL&242
  - MATH&107
  - ENGL&101
  - HLTH 123
  - BCT105
  - One Anthropology (ANTH or ANTH&), Communication (CMST or CMST&), Humanities (HUMN or HUM&), Philosophy (PHIL or PHIL&), Psychology (PSYC or PSYC&), or Sociology (SOC or SOC&) course numbered 100 or higher (5 credits).
- The grades for the above courses will be converted to numerical grades (e.g., a "B+" will be converted to a 3.3). These numerical grades will be added together for a possible point total of 32.

**Conviction of certain crimes may prevent completion of the clinical course requirements of the program and may prevent future licensure and employment in the healthcare field.** A criminal record check is required prior to any clinical education experience or clinical field trip. Students who have a criminal record should meet with the dean of allied health and nursing to determine if the criminal history would prevent access to a healthcare facility. To determine if the criminal record would prevent eligibility to take the national exam, go to the ARRT website at [www.arrt.org](http://www.arrt.org) and download information from the "ethics" section.

### Student Responsibilities:

Once accepted into the radiologic technology program, students must fulfill the following requirements prior to entering a clinical educational setting:

- Pay a nonrefundable acceptance fee by the designated deadline.
- Provide a current healthcare provider CPR card, which must include but not be limited to first aid/ CPR/AED for adult, children and infants. The CPR card must be issued by a person or facility qualified specifically to instruct CPR for healthcare providers.
- Provide a copy of seven contact hour course – Washington State Blood Borne Pathogens (formerly HIV/ AIDS) Certificate.

- MA 113 Bloodborne Pathogens (formerly HIV/AIDS Education) may be used or Equivalent 8-hour OSHA/WA approved course <https://courseforbbp.com/states/WA>

- Provide documentation of immunizations to the student immunization tracker (for a complete list go to [www.wvc.edu/alliedhealth](http://www.wvc.edu/alliedhealth)).
- Provide verification of major medical insurance (accident/injury) for participation in clinical learning experiences. Students should expect to pay an additional fee for this mandatory student insurance, unless they are currently covered by an insurance carrier and can provide proof of insurance. Students have the option to purchase the Washington State Community College insurance. Obtain a brochure at the cashier's station or at [4studenthealth.relationinsurance.com](http://4studenthealth.relationinsurance.com).
- Provide background check information to provide clearance for participation in required clinical learning experiences. National background checks must go back at least seven years and be completed within 45 days of program start. Students are required to order their own background checks at Complio.
- Provide results of a ten-panel drug test, not older than 45 days, from Complio.
- Complete the allied health packet, which includes: student disclosure form, a child and adult abuse information act disclosure statement, medical record form, student release form and student confidentiality form.
- Liability insurance is calculated into tuition and fees annually at the time of registration.
- Physical requirements include: ability to lift 50 pounds, carry 20 pounds, sit for four hours and stand for eight to twelve hours. Visit the radiologic technology web page for essential functions, [www.wvc.edu/radtech](http://www.wvc.edu/radtech).

**Note:** Required documents are to be submitted to the student immunization tracker.

At the completion of the program, students will be eligible to apply to take the national examination given by the American Registry of Radiologic Technologists.

## Program outcomes

### Radiologic Technology Program Goals

1. Students/Graduates will possess effective communication skills.
2. Students/Graduates will possess critical thinking skills (problem solving ability).
3. Students/Graduates will demonstrate clinical competency.
4. Students/Graduates will exhibit professionalism (act responsibly as an individual and member of a team).

### Radiologic Technology Program Student Learning Outcomes:

1. Communicate effectively during simulated radiographic exams and communicate effectively with patients in an appropriate manner in the clinical setting.
2. Demonstrate effective communication with the healthcare team.
3. Demonstrate proficiency in performing competency of simulated radiographic exams in their first year.
4. Evaluate and critique radiographic images for diagnostic quality during first and second year of the program.
5. Demonstrate judicious use of ionizing radiation by practicing safe application of radiation at all times for patient, self and others.
6. Demonstrate clinical competency in positioning skills in their second year.
7. Demonstrate a strong work ethic related to the profession by acknowledging and accepting responsibility.
8. Deliver patient care free from bias or discrimination.