

# Radiologic Technology

Radiologic Technologists provide quality radiographic images for diagnostic purposes. These images can include x-rays, CT scans, MRIs, and mammography. While focusing on patient care, Radiologic Technologists explain different procedures to patients and can aid in diagnosing abnormalities like fractures or tumors using these images. They are often responsible for operating and maintaining radiographic equipment and supplies, positioning patients correctly for scans, and processing radiographic images.



The Radiologic Technology programs at Colorado Mesa University prepare individuals for certification and professional practice in the field. CMU offers an entry level degree and a more specialized degree for students who are already Registered Radiologic Technologists. CMU also offers many [clubs and organizations](#) that can help students build connections and leadership skills.

The [Associate of Applied Science in Radiologic Technology](#) prepares students to become Registered Radiologic Technologists whose careers can include radiography, advanced imaging, management, and education. The program includes both classroom studies and clinical rotations at different facilities on the Western Slope. The Radiologic Technology program is highly competitive and has a separate application processes with selective admission requirements and application deadlines.

The [Bachelor of Applied Science in Radiologic Technology](#) provides students who are already Registered Radiologic Technologists and have completed an Associate of Applied Science degree in Radiologic Technology with the opportunity to advance in specialty areas. These areas include CT, MRI, Mammography, and Cardio/vascular Imaging along with acquiring skills in informatics, quality management, and advanced patient care. The program is designed to deliver quality education through distance learning.

## **A person in this career field may:**

- Operate, position, and maintain radiographic equipment to obtain the best images
- Explain procedures to patients and use safety measures to minimize radiation exposure
- Maintain thorough and accurate patient data and medical history
- Collaborate with other medical professionals like physicians and nurses
- Prepare and administer pharmaceuticals or injections to patients as needed for imaging
- Order supplies like contrast materials, films, chemicals, or other required equipment
- Position patients for imaging scans
- Process film and evaluate results to make sure they meet necessary standards

## Major Skills & Characteristics

- Physical stamina and manual dexterity
- Knowledgeable about operating and maintaining imaging equipment
- Math skills
- Critical thinking skills
- Be caring and patient
- Ability to explain procedures
- Interpersonal , verbal, & written communication skills
- Knowledge in biology and medicine
- Leadership and decision-making skills
- Ability to work with diverse people
- Ability to collaborate and adapt
- Detail-oriented

## Organizations That Commonly Employ Radiologic Technology Majors

- Clinics
- Diagnostic Imaging Centers
- Doctors' Offices
- Government Agencies
- Hospitals
- Medical Centers
- Outpatient Care Centers
- Private Laboratories

## Related Careers

- CT Technologist
- Diagnostic Radiologic Technologist
- EEG Technician
- Imaging Clinical Manager
- Mammographer
- MRI Technologist
- Radiologic Technician
- Radiologic Technologist
- Radiographer
- Sonographer
- Special Procedures Technologist
- Ultrasound Technologist
- X-Ray Technologist

**Note:** Some of the occupations listed above may require additional education, experience, or training beyond a Bachelor's Degree. To research these occupations use the Career Research Resources links below.

## Career Research Resources:

Use these sites to research information about specific occupations such as nature of the work, training or qualifications, employment or job outlook, projections, earnings and wages.

### Occupational Outlook Handbook: [http://www.bls.gov/oco/oooh\\_index.htm](http://www.bls.gov/oco/oooh_index.htm)

The Bureau of Labor Statistics

- View OOH information on **Radiologic Technologists and Technicians** at <http://www.bls.gov/oooh/healthcare/radiologic-technologists.htm>
- View OOH information on other **Healthcare Occupations** at: <http://www.bls.gov/oooh/healthcare/home.htm>
- Use the A-Z index to select the occupation you are researching.

### O\*NET-Online: <http://www.onetonline.org>

The U.S. Department of Labor

- In the occupational search box type in key words, job titles, or occupational codes to research various careers.

### My Future.com: <http://www.myfuture.com>

The Department of Defense

- This site compiles information from departments of [Commerce](#), [Education](#) and [Labor](#).

## Organizations and Associations Links

- American Society of Radiologic Technologists: [www.asrt.org](http://www.asrt.org)
- American Registry of Radiologic Technologists: [www.arrt.org](http://www.arrt.org)
- Colorado Society of Radiologic Technologists: [www.csrt.net](http://www.csrt.net)
- International Society of Radiographers and Radiological Technologists: [www.isrtr.org](http://www.isrtr.org)
- Society of Diagnostic Medical Sonographers: [www.sdms.org](http://www.sdms.org)

## Job Listings/Job Search Sites:

- ASRT Career Center: <http://www.asrt.org/main/careers>
- After College Career Network: [www.aftercollege.com/career-networks/colorado-mesa-university/radiologic-technology-program](http://www.aftercollege.com/career-networks/colorado-mesa-university/radiologic-technology-program)
- American Society of Radiologic Technologists Job Bank: [www.healthcareers.com/asrt](http://www.healthcareers.com/asrt)
- Radiologic Technologist Jobs: <http://radiologytechnologistjobs.jobamatic.com/a/jobs/find-jobs>
- RadWorking.com: <http://www.radworking.com>
- Healthcare Job Connection: [www.hospitaljobsonline.com](http://www.hospitaljobsonline.com)
- Healthcare Jobs: <http://jobs.healthcaresource.com>
- Federal Government Jobs: [www.usajobs.gov](http://www.usajobs.gov)