

Radiologic Technologist



What do they do?

Operate imaging equipment to perform a large variety of x-ray procedures, and present images for the physician to diagnose a patient's medical condition.



JOB OPENINGS

824 annually
in CA



MEDIAN SALARY

\$101,797 per year
\$66 per hour

*Data sourced in 2025 & is based on a 100 mile radius from Mt. San Antonio College.

Sample Job Duties

- Provide patient care, including explaining medical procedures and positioning patients for examinations.
- Operate radiologic equipment to produce images of the body for diagnostic purposes.
- Critique x-ray images to determine diagnostic quality and corrective measures.
- Use radiation safety measures and protection devices to comply with government regulations and to ensure safety of patients and staff.

Radiologic Technology (AS Degree S1206)

Technology and Health Division

The Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology and is recognized by the California Department of Public Health (CDPH). The program is designed to prepare competent and professional entry-level radiographers able to meet the needs of the healthcare community. A primary responsibility of technologists is to create images of patients' bodies using medical imaging equipment. This helps doctors diagnose and treat diseases and injuries.

The program provides a complete educational experience. Program curriculum includes the radiography didactic and clinical competency requirements set forth by the American Registry of Radiologic Technologist (ARRT), and the educational standards established by the American Society of Radiologic Technologists. Educational activities include lecture, discussions, group activities, labs, and hands-on clinical training.

Upon completion of the Associate of Science (AS) degree in Radiologic Technology, graduates are eligible to apply for certification by the ARRT and the CDPH.

Required Courses

Course Prefix	Course Name	Units
ANAT 10A or ANAT 35	Introductory Human Anatomy or Human Anatomy	4-5
ANAT 10B or ANAT 36	Introductory Human Physiology or Human Physiology	4-5
PHYS 1	Physics	4
MEDI 90	Medical Terminology	3
RAD 1A	Clinical Experience 1A	4.5
RAD 1B	Clinical Experience 1B	2.5
RAD 2A	Clinical Experience 2A	4.5
RAD 2B	Clinical Experience 2B	2.5
RAD 3A	Clinical Experience 3A	7
RAD 3B	Clinical Experience 3B	2.5
RAD 3C	Clinical Experience 3C	7
RAD 4	Clinical Experience 4	4
RAD 30	Radiographic Pathology	1.5
RAD 31	Fluoroscopy	2
RAD 32	Digital Imaging in Radiology	2
RAD 33	Radiobiology	2
RAD 50	Introduction to Radiologic Science and Health Care	3
RAD 61A	Theory of Radiologic Technology	4
RAD 61B	Radiographic Procedures I	3
RAD 61C	Radiographic Procedures I Laboratory	1.5
RAD 62A	Theory of Radiologic Technology	4
RAD 62B	Radiographic Procedures II	3
RAD 62C	Radiographic Procedures II Laboratory	1.5
RAD 63	Theory of Radiologic Technology	1
RAD 64	Theory of Radiologic Technology	4
RAD 91	Patient Care in Radiologic Sciences	3
Total Units		85-87

Application Requirements

Applicants must satisfy the following requirements **prior** to submitting a program application:

1. Be 18 years of age upon entrance into the program.
2. Possess a high school diploma
3. Submit a college application and be accepted as a student at Mt. San Antonio College.
4. Meet with a Counselor to review program and AS degree requirements.

Admission Requirements

In addition to meeting Mt. San Antonio College's academic standards for admission, applicants must be in good standing and satisfy the following requirements **prior** to program admission:

1. Submit a Radiologic Technology Program application. The application can be accessed at: Radiologic Technology Online Application. Applications are added to the waitlist in the order in which they are received.
2. Complete general education requirements and program prerequisites with a minimum grade of "C" in each course.

Course Prefix	Course Name	Units
ANAT 10A or ANAT 35	Introductory Human Anatomy or Human Anatomy	4-5
ANAT 10B or ANAT 36	Introductory Human Physiology or Human Physiology	4-5
PHYS 1	Physics	4
MEDI 90	Medical Terminology	3

3. Meet the following **Essential Functions for Success** in the Radiologic Technology Program:

Communication Skills

- Possess effective English communication skills (speaking, reading, and writing)

To remain in the program, students must maintain a grade of "C" or better in all courses.

Physical Demands

- Perform prolonged, extensive, or considerable standing/walking, lifting positioning, pushing, and/or transferring patients
- Possess the ability to perform fine motor movements with hands and fingers
- Possess the ability for extremely heavy effort (lift/carry 50 lbs. or more)
- Perform considerable reaching, stooping, bending, kneeling, and crouching
- Respond rapidly to situations involving the health and safety of patients
- Function adequately under stressful situations

Sensory Demands

(May be corrected with adaptive devices.)

- Color vision: ability to distinguish and identify colors
- Distance vision: ability to see clearly 20 feet or more
- Depth perception: ability to judge distance and space relationships
- Near vision: ability to see clearly 20 inches or less
- Hearing: able to recognize a full range of tones

Work Environment

Students must function in an environment with potential exposure to:

- Infectious and contagious diseases
- Blood borne diseases
- Hazardous agents, body fluids and wastes
- Odorous chemicals and specimens
- Products containing latex
- Hazards of flammable, explosive gases
- Burns and cuts
- Contact with patients having different religious, culture, ethnicity, race, sexual orientation, psychological and physical disabilities, and under a wide variety of circumstances
- Emergency or crisis situations
- Judgment/actions related to end-of-life issues

Selection Procedure

Selection of students is based upon the completion of admission requirements and date of application. The first-come, first-served process ensures program admission practices provide equal opportunity to all applicants.

Clinical Requirements

1. A physical examination, including specific immunizations and a passing drug test, is required prior to entering the clinical education phase. Physical examinations are required by the program's clinical affiliates. Procedures will be provided upon admission.
2. A background check, indicating a passing clearance, is required prior to entering the clinical education phase. A valid Social Security number (SSN), or ITIN, is required to complete this process. Background checks are required by the program's clinical affiliates. Procedures will be provided upon admission.
3. Radiologic Technology is a licensed profession. Applicants must possess a valid SSN, or ITIN, to apply for state certification and complete clinical education requirements.
4. CPR certification is required prior to entering the clinical education phase. Certification must be American Heart Association: Basic Life Support (BLS) for Healthcare Providers.

Accreditation

The Radiologic Technology program is accredited by:

The Joint Review Committee in Radiologic Technology (JRCERT)
20 North Wacker Drive, Suite 2850
Chicago, IL, 60606-3182
(312)704-5300

www.jrcert.org

Program Learning Outcomes

Upon successful completion of this program:

- Students will produce diagnostic quality radiographs.
- Students will develop the necessary skills to provide patient centered care.
- Students will develop knowledge of effective communication.
- Students will demonstrate effective communication skills using various types of communication channels.
- Students will critique images to determine diagnostic quality.
- Students will determine corrective measures for non-diagnostic images.

Review Student Learning Outcomes for this program: www.mtsac.edu/slo

Guided Pathways – AS Degree S1206

This Guided Pathways for Success (GPS) is a suggested sequence of coursework needed for completion of the AS Degree in Radiologic Technology at Mt. San Antonio College. It is not an official educational plan. [Schedule an appointment with a counselor or advisor](#) to create an individualized Mountie Academic Plan (MAP) specific to your goals and needs.

Prerequisite Courses Required Prior to Program Admission

Course Prefix	Course Name	Units
ANAT 10A	Introductory Human Anatomy	4
ANAT 10B	Introductory Human Physiology	4
PHYS 1	Physics	4
MEDI 90	Medical Terminology	3

Year 1 - Summer Intersession

Course Prefix	Course Name	Units
RAD 91	Patient Care in Radiologic Sciences	3
RAD 50	Introduction to Radiologic Science and Healthcare	3

Year 1 - Fall Semester

Course Prefix	Course Name	Units
RAD 61A	Theory of Radiologic Technology	4
RAD 61B	Radiologic Procedures I	3
RAD 61C	Radiologic Procedures I Laboratory	1.5
RAD 1A	Clinical Experience 1A	4.5

Year 1 - Winter Intersession

Course Prefix	Course Name	Units
RAD 1B	Clinical Experience 1B	2.5

Year 1 - Spring Semester

Course Prefix	Course Name	Units
RAD 62A	Theory of Radiologic Technology	4
RAD 62B	Radiographic Procedures II	3
RAD 62C	Radiographic Procedures II Laboratory	1.5
RAD 2A	Clinical Experience 2A	4.5

Year 2 - Summer Intersession

Course Prefix	Course Name	Units
RAD 32	Digital Imaging in Radiology	2
RAD 2B	Clinical Experience 2B	2.5

Year 2 - Fall Semester

Course Prefix	Course Name	Units
RAD 30	Radiographic Pathology	1.5
RAD 31	Fluoroscopy	2
RAD 63	Theory of Radiologic Technology	1
RAD 3A	Clinical Experience 3A	7

Year 2 - Winter Intersession

Course Prefix	Course Name	Units
RAD 33	Radiobiology	2
RAD 3B	Clinical Experience 3B	2.5

Year 2 - Spring Semester

Course Prefix	Course Name	Units
RAD 64	Theory of Radiologic Technology	4
RAD 3C	Clinical Experience 3C	7

Year 3 - Summer Intersession

Course Prefix	Course Name	Units
RAD 4	Clinical Experience 4	4

All Guided Pathways & Catalog Page

- Guided Pathways - Radiologic Technology, AS: catalog.mtsac.edu
- Catalog - Radiologic Technology, AS Degree S1206: catalog.mtsac.edu

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