

## What Can I Do With a Major in...

# RADIOLOGIC TECHNOLOGY

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Those employed in the field of Radiologic Technology administer x-rays, ultrasound waveforms, magnetic fields or intravenous radioisotopes to patients in order to obtain diagnostic medical images.

### What type of career can I have with this major?

This is a comprehensive major with a variety of excellent employment opportunities. Imaging modalities with an asterisk (\*) require additional training and certifications.

- Radiologic Technologist
- Mammographer\*
- Computed Tomography (CT) Technologist\*
- Cardiovascular Interventional Technologists\*
- Diagnostic Medical Sonographer (Ultrasound)\*
- Magnetic Resonance Imaging (MRI) Technologist\*
- Nuclear Medicine Technologist\*
- Radiation Therapist\*
- Radiologist Assistant (RA)\*
- Imaging Manager or Director
- PACS Administrator (image archiving)

### Where can I work?

This profession provides you with a choice of various work environments including government agencies, non-profit organizations, for-profit agencies, and public and private companies.

- Hospitals
- Outpatient Imaging Centers
- Community Health Care Organizations
- Federal and State Government Agencies
- Research Laboratories
- Mobile Imaging Clinics
- Physicians' Offices

### What type of professional organizations and resources are available in this industry?

There are many professional organizations that offer resources, articles, job opportunities, training and conference information. We suggest you visit each organization's website to gather more information and contacts in your field.

- American Registry of Radiologic Technologists (ARRT)
- American Society of Radiologic Technologists (ASRT)
- American College of Radiology (ACR)
- Nuclear Medicine Certification Board (NMCB)
- Joint Review Committee on Education in Radiologic Technology (JRCERT)
- Radiological Society of North America (RSNA)
- Society of Diagnostic Medical Sonography (SDMS)

### What type of Radiologic Technology programs does San Diego Mesa College offer?

The 24-month program at San Diego Mesa College provides training in patient care, ethics, x-ray production and exposure, image processing, fluoroscopy and radiation safety. Completion of this program will prepare students to become eligible for national registry certification by the American Registry of Radiologic Technologists (ARRT).

- Certificate of Achievement: Radiologic Technology
- Associate in Science: Radiologic Technology

*See college catalog for program descriptions, course titles, and areas of emphasis.*

## RADIOLOGIC TECHNOLOGY

### Associates Degrees/Certificates

#### Getting Started

- Step 1: [Application](#) - Start by completing the online application for admission
- Step 2: [Program Specific Application](#) – Complete the program specific Radiologic Technology program application
- Step 3: [Orientation](#) - Complete the online New Student Orientation (Flash player required)
- Step 4: [Assessment](#) - Visit the Assessment office to learn about English and math testing
- Step 5: [Advisement](#) - Complete the online First Semester Planning Workshop
- Step 6: [Registration](#) - Register for classes

#### While You're Taking Classes

- |  |                      |                              |
|--|----------------------|------------------------------|
| Update your resume and craft a cover letter  | Attend job fairs     | Conduct industry research    |
| Look into volunteer/internship opportunities | Perform job searches | Think about transfer options |

*See the Transfer or Career Center for assistance*

### Pathway to becoming a Radiologic Technologist

There are four different certifications/permits that you can test for:

- Diagnostic Radiologic Technologist Certificate
  - Therapeutic Radiologic Technologist Certificate
  - Mammographic Radiologic Technologist Certificate
  - Radiologic Technologist Fluoroscopy Permit
1. Gain access to the field and gather experience by volunteering at a medical imaging facility or another similar site.
  2. Ensure that your record is void of felony crimes, and various misdemeanors and convictions. Check with the American Registry of Radiologic Technologists to ensure that any past criminal convictions do not exempt you from obtaining your certificate.
  3. Complete the necessary prerequisite courses.
  4. Locate, apply for, and attend a JRCERT accredited radiologic technology two-year associate granting institution to complete your required education.
  5. Six months before graduating, submit the American Registry of Radiologic Technologists' ethics review pre-application packet.
  6. Apply to take your exam(s). Please note, a fee, transcripts, and additional documents may be collected.
- Optional:* Once licensed, you can take mammography, fluoroscopy, computed tomography, magnetic resonance imaging, radiation therapy and ultrasound with additional schooling.

*Information above adapted from [http://www.ehow.com/how\\_5206527\\_become-california-certified-radiologic-](http://www.ehow.com/how_5206527_become-california-certified-radiologic-)*