



XAVIER UNIVERSITY CAREER SERVICES CENTER

Conaton Learning Commons, Room 530 | 513-745-3141 | xavier.edu/career

CAREER OPPORTUNITIES FOR RADIOLOGIC TECHNOLOGY MAJORS

SKILLS & ABILITIES OF THE RADIOLOGIC TECHNOLOGY MAJOR

Knowledge

- Customer and personal service
- Medicine and dentistry
- Physics
- Computers and electronics
- Mathematics
- Science
- Clerical
- Education and training

Skills

- Active listening
- Effective speaking
- Operations management
- Service orientation
- Coordination
- Social perceptiveness
- Teaching / instructing

Abilities

- Excellent vision
- Arm-hand steadiness
- Organizational skills
- Problem sensitivity
- Precision (Operating equipment)
- Finger dexterity
- Multi-limb coordination

Work Styles

- Concern for others
- Dependability
- Self-control
- Cooperation
- Initiative
- Stress tolerance
- Flexibility
- Integrity
- Teamwork / Collaboration

**Partially taken from O*NET OnLine*

POTENTIAL CAREERS

Radiologic Tech Occupations

- Radiologic Technologist (RT)
- X-Ray Technologist
- MRI Technologist
- Computer Tomography (CT) Technologist
- Mammographer
- Mammography Technologist
- Radiographer
- Fluoroscopy

Related Occupations

- Prosthodontists
- Radiation Therapists
- Respiratory Therapist
- Dental Hygienist
- Cardiovascular Technician
- Nuclear Medicine Technologists
- Dental Assistants
- Clinical Lab Technicians
- Licensed Practical Nurses
- Ultrasound Technician

**Partially taken from O*NET OnLine*

**Provided by the Occupational Outlook Handbook*

TYPES OF EMPLOYERS

- Hospitals
 - Physician's Offices
 - Medical / Diagnostic Labs
 - Veteran Affairs (VA) Hospitals
 - Outpatient Clinics
- *Bureau of Labor Statistics 2010-11*
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RADIOLOGIC TECHNOLOGY RELATED TASKS

- Take x-rays and Computerized Axial Tomography (CAT/CT) scans and administer nonradioactive materials into patient's blood stream for diagnostic purposes.
 - Use radiation safety measures and protection devices to comply with government regulations and to ensure safety of patients and staff.
 - Review and evaluate developed x-rays, videotape, or computer generated information to determine if images are satisfactory for diagnostic purposes.
 - Position imaging equipment and adjust controls to set exposure time and distance, according to specification of examination.
 - Explain procedures and observe patients to ensure safety and comfort during scan.
 - Enter commands and data into computer to document and specify scan sequences, adjust transmitters and receivers, or photograph certain images.
 - Operate or oversee operation of radiologic and magnetic imaging equipment to produce images of the body for diagnostic purposes.
 - Position and immobilize patient on examining table.
 - Record, process and maintain patient data and treatment records, and prepare reports.
 - Document patients' medical records.
 - Remove and process film.
- *Partially taken from O*NET OnLine*
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EARNINGS FOR RADIOLOGIC TECHNOLOGISTS

The median annual wage of radiologic technologists was \$52,210 in May 2008. The middle 50 percent earned between \$42,710 and \$63,010. The lowest 10 percent earned less than \$35,100, and the highest 10 percent earned more than \$74,970. Median annual wages in the industries employing the largest numbers of radiologic technologists in 2008 were:

Medical and diagnostic laboratories- \$55,210
Federal Executive Branch (VA Hospitals)- \$53,650
General medical and surgical hospitals- \$52,890
Outpatient care centers- \$50,840
Physician's office- \$48,530

**Provided by the Bureau of Labor Statistics (2010-11)*

ADDITIONAL RADIOLOGIC TECHNOLOGY RESOURCES

- American Society of Radiologic Technologists (ASRT), www.asrt.org
 - Ohio Society of Radiologic Technologists (OSRT), www.osrt.org
 - Radiologic Licensure in Ohio, <http://www.odh.ohio.gov/odhPrograms/rp/rlic/rlic1.asp>
 - Radiologic Technologist Jobs, www.indeed.com
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RELATED BOOKS IN THE CAREER RESOURCE LIBRARY (CLC 530)

- *Opportunities in Medical Imaging Careers*
- *Opportunities in Laser Technology*