

# RADIOLOGICAL TECHNOLOGY (X-RAY)



## WHAT CAN I DO WITH A MAJOR IN...?

### WHAT IS RADIOLOGICAL TECHNOLOGY (DIAGNOSTIC RADIOLOGY)?

Diagnostic Radiology involves the use of ionizing radiation to produce medical images to assist the radiologist or other physicians in their interpretation and analysis for diagnosis of illness and injury.

### RELATED CAREER TITLES

<p><b>Educator/Education*</b></p> <ul style="list-style-type: none"> <li>• Clinical Coordinator</li> <li>• Clinical Instructor</li> <li>• Clinical Researcher</li> <li>• College/University Faculty</li> <li>• Medical Researcher</li> </ul>	<p><b>Mammographer*</b></p> <ul style="list-style-type: none"> <li>• Mammography Technologists</li> <li>• Mammography Tech</li> </ul> <p><b>Bone Densitometrist*</b></p> <ul style="list-style-type: none"> <li>• Bone Densitometry Technologists</li> <li>• Bone Densitometry Tech</li> <li>• Dexa Technologist</li> </ul>	<p><b>Radiology Administrator*</b></p> <ul style="list-style-type: none"> <li>• Administrator of Imaging Services</li> <li>• Director of Imaging Services</li> <li>• Director of Radiology</li> <li>• Lead Radiologic Technologist</li> <li>• Radiology Supervisor</li> </ul>
<p><b>Radiologic Technologist</b></p> <ul style="list-style-type: none"> <li>• X-ray Technologist</li> <li>• Radiographer</li> <li>• Staff Technologist</li> <li>• General Diagnostic Radiographer</li> <li>• Traveling Imaging Technologist</li> </ul>	<p><b>Other related*</b></p> <ul style="list-style-type: none"> <li>• Equipment Application Specialists</li> <li>• Diagnostic Equipment Sales Representative</li> <li>• Picture Archiving &amp; Communication System (PACS) Administrator</li> <li>• Radiology Diagnostics</li> <li>• State Inspector</li> </ul>	<p><b>Advanced career options*</b></p> <ul style="list-style-type: none"> <li>• Dosimetrist</li> <li>• Radiation Physicist</li> <li>• Radiologist</li> <li>• Radiology Assistants (RA)</li> <li>• Radiology Practitioner Assistant (RPA)</li> </ul>

\*Career options may require advanced education; State licensing/education requirements vary by state.

### TRANSFERABLE SKILLS

Ability to meet ethical, practice, and quality assurance standards	Detail oriented/accuracy	Strong work ethic
Ability to work as an integral member of the health care team	Flexibility/adaptability	Technical skills
Ability to work under stress & in emergency situations	Leadership	Understand patient's history and symptoms related to disease processes
Associate degree in radiologic technology	Problem solving skills/critical thinking*	Valid certification; where applicable, additional valid state license(s)
Communication skills to relate with patients, families, physicians, & co-workers	Provide excellent patient care	

Attainment and demonstration of [NACE Career Readiness Competencies](#) help prepare for a successful transition into the workplace.

### CONTACT FOR ADDITIONAL INFORMATION

Department of Allied Health - Cunningham Hall 129 - 785.628.5678

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FHSU

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### RELATED CAREER EXPLORATION LINKS

A.S. in Radiologic Technology: [www.fhsu.edu/alliedhealth/asdegree/](http://www.fhsu.edu/alliedhealth/asdegree/)

B.S. in Medical Diagnostic Imaging: [www.fhsu.edu/alliedhealth/bs-mdi/](http://www.fhsu.edu/alliedhealth/bs-mdi/),  
[www.fhsu.edu/alliedhealth/ultrasound/](http://www.fhsu.edu/alliedhealth/ultrasound/)

American Registry of Radiologic Technologist: [www.arrt.org](http://www.arrt.org)

American Society of Radiologic Technologist: [www.asrt.org](http://www.asrt.org)

FHSU Career Services: <http://www.fhsu.edu/career/>

Occupational Outlook Handbook: [www.bls.gov/ooh/](http://www.bls.gov/ooh/)



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