

# MEDICAL DIAGNOSTIC IMAGING



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

### WHAT IS MEDICAL DIAGNOSTIC IMAGING?

Medical Diagnostic Imaging is a multitude of advanced radiology services or specialties that assist the radiologist or other physicians in their interpretation and analysis for diagnosis of illness and injury.

### RELATED CAREER TITLES

<b>Bone Densitometry*</b> <ul style="list-style-type: none"> <li>Bone Densitometry Tech</li> <li>Bone Densitometry Technologist</li> <li>Dexa Technologist</li> </ul>	<b>Cardiovascular*</b> <ul style="list-style-type: none"> <li>Cardiovascular Technologists</li> <li>Cath Lab Technologist</li> <li>Cath Lab Tech</li> </ul>	<b>Computed Tomography* (CT)</b> <ul style="list-style-type: none"> <li>Computed Tomographer</li> <li>CT Technologist</li> </ul>	<b>Diagnostic Medical Sonography* (DMS)</b> <ul style="list-style-type: none"> <li>Diagnostic Medical Sonographer</li> <li>Ultrasound Technologist</li> </ul>
<b>Diagnostic Radiology</b> <ul style="list-style-type: none"> <li>Radiologic Tech</li> <li>Radiologic Technologist</li> <li>X-ray Technologist</li> <li>X-ray Tech Radiographer</li> </ul>	<b>Magnetic Resonance Imaging* (MRI)</b> <ul style="list-style-type: none"> <li>MRI Tech</li> <li>MRI Technologist</li> </ul>	<b>Mammography*</b> <ul style="list-style-type: none"> <li>Mammography Tech</li> <li>Mammography Technologist</li> <li>Mammographer</li> </ul>	<b>Nuclear Medicine*</b> <ul style="list-style-type: none"> <li>Nuclear Medicine Tech</li> <li>Nuclear Medicine Technologist</li> </ul> <b>Positron Emission Tomography* (PET)</b> <ul style="list-style-type: none"> <li>PET Tech</li> <li>PET Technologist</li> </ul>
<b>Radiation Therapy*</b> <ul style="list-style-type: none"> <li>Radiation Therapist</li> </ul> <b>Educator/Education*</b> <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>	<b>Vascular Interventional*</b> <ul style="list-style-type: none"> <li>Interventional Technologist</li> <li>Vascular Tech</li> <li>Vascular Technologist</li> </ul>	<b>Other related*</b> <ul style="list-style-type: none"> <li>Diagnostic Equipment Sales Rep</li> <li>Equipment Application Specialists</li> <li>Picture Archiving &amp; Communication System (PACS) Administrator</li> <li>Radiology Diagnostics</li> <li>State Inspector</li> </ul>	<b>Advanced career options*</b> <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	Ability to work under stress & in emergency situations	Communication skills to relate with patients, families, physicians, & co-workers; Provide excellent patient care
Detail oriented/accuracy	Problem solving skills/critical thinking	Understand patient's history and symptoms related to disease processes
Flexibility/adaptability	Strong work ethic	Valid certification; where applicable, additional valid state license(s)
Leadership	Technical skills	Work as an integral member of the health care team

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

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FHSU

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## CONTACT FOR ADDITIONAL INFORMATION

Department of Allied Health - Cunningham Hall 129 - 785.628.5678

## 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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