Radiologic sciences and therapy professionals use radiation for diagnostic or therapeutic purposes. Radiographers, radiation therapists, and diagnostic medical sonographers are skilled in utilizing ionizing and nonionizing radiation to create images of the body's internal structures as well as provide clinically recommended treatments. These professionals also utilize computerized images of tissue, organs, bones, and vessels of the body to monitor disease and the extent of pathology. These professionals interact closely with a variety of patients and other health-care providers to contribute quality patient-centered care. The Radiological Sciences and Therapy division offers undergraduate programs in radiography, sonography, and radiation therapy.

**Career Areas/Job Titles:**

**Health Professions**
- Radiation Therapist
- Cardiovascular Technologist
- Sonographer
- Computer Tomography Specialist
- MRI Technician

**Science & Technology**
- Radiation Technology Inspector
- Quality Assurance Technician

**Education**
- Professor
- Researcher

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

**Transferable Skills:**

- Basic Computer Skills
- Biology
- Computer Programming
- Computer Troubleshooting
- Human Anatomy
- Physics
- Listening Skills
- Provide/Respond to Feedback
- Speaking Effectively
- Use Technology Effectively
- Written Communication
- Cultural Understanding
- Teamwork
- Conceptualizing
- Defining Needs
- Experimental Design
- Gathering Information
- Identifying Problems
- Research Skills
- Adaptability/Flexibility
- Attention to Detail
- Judgment & Decision Making
- Managing Time/Stress
- Delegating Tasks
- Organization Skills
- Strategic Planning/Visioning
- Multi-tasking
- Quantitative Reasoning
- Data Analysis
- Analytical/Critical Thinking
- Problem Solving
- *Licensure Obtained Upon Grad*

*This is not an extensive list of transferable skills. See larger list of skills you might develop here: [http://ccss.osu.edu](http://ccss.osu.edu)*

**Professional Links:**

- American Society of Radiologic Technologists: [https://www.asrt.org/default.aspx](https://www.asrt.org/default.aspx)
- American Registry of Diagnostic Medical Sonographer: [http://www.ardms.org](http://www.ardms.org)
- American Registry of Radiologic Technologist: [https://www.arrt.org/](https://www.arrt.org/)
- Ohio Society of Radiologic Technologist: [osrt.org](http://osrt.org)