

## **JOB DESCRIPTION**

Radiology technicians use a variety of imaging technologies, such as X-rays, MRIs, and CT scanners to create images of the internal structures of the body, prepare patients for procedures, and position patients so that the images can be obtained. They are responsible for ensuring that high-quality images are obtained for physicians to diagnose and treat medical conditions. Common tasks include:

- Adjusting and maintaining imaging equipment
- Following precise physicians' orders on what parts of the body to image
- Preparing and positioning patients so the correct images can be obtained
- Operating computerized equipment to take the images
- Evaluating images to determine whether images need to be retaken
- Maintaining patient records

## **PAY**

\$77,660 median annual wage (\$37.34/hour) as of May 2024

## **JOB OUTLOOK**

6% (faster than average) 2023-2033

## **EDUCATION/TRAINING**

Requires a two-year associate degree. *Radiology programs are popular and may have waitlists.* After completion of the Radiological Tech degree, some students go on to study CT (computerized tomography) or MRI (Magnetic Resonance Imaging) and other specialties.

## **LICENSING REQUIREMENTS**

Successful completion of the American Registry of Radiologic Technologists (ARRT) exam is required to be certified as a radiologic technologist. Licensure to practice in the state of Ohio is approved by the Ohio Department of Health X-ray Control Program.

## **IMPORTANT SKILLS**

- **Detail oriented**—To follow instructions precisely to obtain the images needed for diagnoses.
- **Interpersonal skills**—For working closely with patients who may be stressed or in pain. Able to put patients at ease to get usable images.
- **Math skills**—For calculating the proper amount of radiation or magnetic resonance emitted in imaging procedures.
- **Physical stamina**—For working on their feet for long periods and lifting/moving patients who need help. They must also have the ability to spend a lot of time in the dark.
- **Technical skills**—To operate complex machinery.

## CERTIFICATE & DEGREE PROGRAMS

### **BEACHWOOD RADIOLOGIC TECHNOLOGY PROGRAM** (*Cleveland Clinic, Beachwood*)

This program is 21 months in length (five semesters) and has prerequisites. Applicants are not required to have a degree to be accepted into the program; however students must have a degree as a graduation requirement and to be eligible to sit for the ARRT registry exam. The Radiology Technology Program has articulation agreements with several local colleges to allow for degree completion by the end of the program. Accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

[portals.clevelandclinic.org/sdi/Radiologic-Technology](https://portals.clevelandclinic.org/sdi/Radiologic-Technology)

## CERTIFICATE & DEGREE PROGRAMS (continued)

### **CUYAHOGA COMMUNITY COLLEGE** (*Western Campus in Parma*)

#### ***Associate of Applied Science Degree in Radiography***

This program is available as a two-year Associate of Applied Science Degree with front-end program prerequisites. Both daytime and evening/weekend tracks with fall and spring semester starts are offered.

Upon completion of the program, the graduate is prepared to take the American Registry of Radiologic Technologists (ARRT) Certification Examination. Accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

[www.tri-c.edu/programs/health-careers/radiography/index.html](http://www.tri-c.edu/programs/health-careers/radiography/index.html)

### **KENT STATE UNIVERSITY REGIONAL CAMPUSES** (*Ashtabula, Salem*)

#### ***Associate of Applied Science in Radiologic Technology degree***

This program requires a minimum of 66 credit hours (approximately two years). Graduates are eligible to take the certification examination administered by the American Registry of Radiologic Technologists (ARRT) to become registered radiologic technologists. This degree is nationally accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

<https://catalog.kent.edu/colleges/ap/radiologic-technology-aas/#text>

### **LAKELAND COMMUNITY COLLEGE** (*Kirtland*)

#### ***Associate of Applied Science Degree in Radiologic Technology***

This program requires a minimum of 66 credit hours (approximately two years). Upon satisfactory completion of the program requirements, graduates are eligible to apply for examination by the American Registry of Radiologic Technologists. Accredited by the Joint Review Committee on Education in Radiologic Technology (JCERT).

[lakelandcc.edu/web/about/radiologic-technology-departments](http://lakelandcc.edu/web/about/radiologic-technology-departments)

### **LORAIN COMMUNITY COLLEGE** (*Elyria*)

#### ***Associate of Applied Science Degree of Radiologic Technology***

This program is 21 months in length. Completion of support course increases the chances of being selected for the program. Graduates are eligible to take a national registry examination administered by the ARRT American Registry of Radiologic Technologists (ARRT). Accredited by the Joint Review Committee on Education in Radiologic Technology (JCERT).

[www.lorainccc.edu/health/radiology/](http://www.lorainccc.edu/health/radiology/)

## ADDITIONAL RESOURCES

**Radiology technician programs in Ohio:**

[w-radiology.com/radiology-technician-schools-in-ohio/](http://w-radiology.com/radiology-technician-schools-in-ohio/)

**Joint Review Committee on Education in Radiologic Technology (JCERT):**

[www.jrcert.org/](http://www.jrcert.org/)

**Explore Health Careers:**

<https://explorehealthcareers.org/>