

## Target Group:



## Occupational Profile

# Radiological Technologist

Standard Occupational Code 29-2034.00

## What They Do

Take x rays and CAT scans of patients or administer nonradioactive materials into patient's blood stream to diagnose health issues. These technologists are sometimes called radiographers. Includes technologists who specialize in magnetic resonance imaging (MRI).

## Is This For You?

**Work Interests** are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

**Realistic (Doers)**- prefer to work with objects, things, machines, tools, plants or animals. They have mechanical ability, enjoy being outdoors and working with their hands.

**Social (Helpers)** – like to work with other people. They enjoy teaching, helping and curing people. They are good with words.

**Work Values** are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Relationships** – Allow employees to provide service to others and work with co-workers in a friendly non-competitive environment.

**Support** - Offer supportive management that stands behind employees.

**Working Conditions** – Offer job security and good working conditions.

**Abilities** reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career:

- Oral Comprehension
- Oral Expression
- Problem Sensitivity
- Written Comprehension
- Near Vision
- Deductive Reasoning
- Inductive Reasoning

## Skills You Need

- Active Listening – Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times
- Speaking – Talking to others to convey information effectively
- Reading Comprehension – Understanding written sentences and paragraphs in work related documents
- Social Perceptiveness – Being aware of others’ reactions and understanding why they react as they do
- Writing – Communicating effectively in writing as appropriate for the needs of the audience

## Education & Training

Radiological Technologist positions requires the minimum of an associate degree in radiologic technology. Some workers have graduate certificates or a bachelor’s degree in the field.

## Where They Work

The South Dakota Industries which employ the largest number of Radiological Technologists are:

- General Medical and Surgical Hospitals
- Offices of Physicians
- Medical and Diagnostic Laboratories
- Medical and Diagnostic Laboratories
- Federal Government, Excluding Post Office

## SD Employment & Wages

2016 Workers	2026 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Median Annual Wage
870	960	90	10%	60	\$50,680

## Activities: what you might do in a day

- Check quality of diagnostic images
- Operate diagnostic imaging equipment
- Verify that medical activities or operations meet standards
- Adjust settings or positions of medical equipment
- Monitor patient conditions during treatments, procedures, or activities
- Explain medical procedures or test results to patients or family members
- Position patients for treatment or examination
- Collect medical information from patients, family members, or other medical professionals

## Additional References

### Career OneStop

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

### O\*Net Online

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