

Target Group:



Occupational Profile

# Nuclear Medicine Technologist

Standard Occupational Code 29-2033.00

## What They Do

Prepare, administer, and measure radioactive isotopes in therapeutic, diagnostic, and tracer studies using a variety of radioisotope equipment. Prepare stock solutions of radioactive materials and calculate doses to be administered by radiologists. Subject patients to radiation. Execute blood volume, red cell survival, and fat absorption studies following standard laboratory techniques.

## 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** - Enjoy work activities that involve practical, hands-on problems and solutions.

**Investigative** - Interested in science and logic. They like to analyze, evaluate, and solve problems, and enjoy learning and understanding the causes of events.

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

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

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

**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
- Near Vision
- Problem Sensitivity
- Information Ordering
- Written Comprehension

## Skills You Need

- Critical Thinking
- Active Listening
- Speaking
- Monitoring
- Reading Comprehension
- Writing
- Social Perceptiveness
- Coordination

## Education & Training

Nuclear medicine technologists need **at least an associate's degree in nuclear medicine technology or related program.**

## Requirements for the National Career Readiness Certificate (NCRC)

	Median Skill Level
Applied Mathematics	4
Reading for Information	5
Locating Information	5

## Where They Work

The South Dakota Industries which employ the largest number of nuclear medicine technologists are:

- General Medical and Surgical Hospitals
- Offices of Physicians
- Medical and Diagnostic Laboratories
- Local Government
- Federal Government

## SD Employment & Wages

2012 Workers	2022 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Median Annual Wage
165	190	25	15.2%	4	\$56,900

## Additional References

### South Dakota Career InSite

[www.sdjobs.org/careerinsite](http://www.sdjobs.org/careerinsite)

### Career OneStop

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

### O\*Net Online

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

Visit [www.sdjobs.org/lmic/occpfiles](http://www.sdjobs.org/lmic/occpfiles) to obtain the most recent workforce data and trends. Also available are explanations of the terms used for work interests, work values, abilities, and skills sections of occupational profiles.