

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 – involves work activities that include practical, hands-on problems and solutions.

Investigative – involves working with ideas and require an extensive amount of thinking.

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 stand 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

2014 Workers	2024 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Median Annual Wage
150	150	0	-1%	0	\$57,290

Additional References

Labor Market Information Center

www.dlr.gov/mic

Career OneStop

www.careeronestop.org

O*Net Online

www.onetcenter.org

mySkills myFuture

www.myskillsmyfuture.org

Additional References

Labor Market Information Center
South Dakota Dept. of Labor Regulation
605.626.2314

Visit www.dlr.sd.gov/mic and choose Career Exploration & Planning from the left-hand menu, then Hot Careers to obtain most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in the work interests, work values, abilities and skills sections of this occupational profile.

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