

More South Dakota Hot Careers

Beyond the
Top
30

High Demand & High Wage Career

Career Cluster: Health Science



Clinical Laboratory Technologists and Technicians

Standard Occupational Codes 29-2010, 29-2011, 29-2012

What They Do

Clinical laboratory technologists (commonly known as medical laboratory scientists) and clinical laboratory technicians collect samples and perform tests to analyze body fluids, tissue and other substances. They perform complex medical laboratory tests to diagnose, recommend treatment for and prevent disease.

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:

Investigative (Thinkers) — Interested in science and logic. They like to analyze, evaluate and solve problems, and enjoy learning and understanding the causes of events.

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.

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.

Independence — Allow employees to work on their own and make decisions.

Achievement — Results oriented, allow use of strongest abilities and provide feeling of accomplishment.

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

- Near Vision
- Written Comprehension
- Inductive Reasoning
- Oral Comprehension
- Deductive Reasoning
- Information Ordering
- Problem Sensitivity

Basic Skills You Need

- Active Listening
- Critical Thinking
- Reading Comprehension
- Science
- Operations Monitoring
- Active Learning

Education & Training

A bachelor's degree in medical technology or life sciences is recommended for clinical laboratory technologists. Some employers may hire those with some postsecondary education or an associate degree in those or a closely related field for technician level positions, where they assist and are supervised by technologists in larger facilities.

Recommended Levels* for the National Career Readiness Certificate

Applied Math	4
Workplace Documents	5
Graphic Literacy	5

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of clinical laboratory technologists and technicians are:

- Hospitals
- Ambulatory Health Care Services
- Federal Government

South Dakota Employment & Wages

2020 Workers	2030 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Annual Median Wage	Annual Average Wage
1,325	1,485	160	12.1%	104	\$47,386	\$50,790

Additional References

Labor Market Information Center

www.dlr.sd.gov/lmic

Career OneStop

www.careeronestop.org

O*Net Online

www.onetonline.org

mySkills myFuture

<https://www.myskillsmyfuture.org/>

Provided By

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

Visit dlr.sd.gov/hotcareers to obtain the most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in this occupational profile.

Auxiliary aids and services are available upon request to individuals with disabilities. U.S. DOL funded. For details, see dlr.sd.gov/lmic/eta_grant.aspx.

Printed on recycled paper. 



August
2022