

## Target Group:



## Occupational Profile

# Medical & Clinical Laboratory Technologist

Standard Occupational Code 29-2012.00

## What They Do

Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.

## 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.

**Conventional** - Enjoy following a set of procedures and routines with a clear line of authority to follow. May include working with data and details more than ideas.

**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 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 – Able to see details at a close range.
- Information Ordering – Able to arrange things or actions in a certain order or pattern.
- Oral Expression – Able to communicate information and ideas.
- Problem Sensitivity – Able to tell when something is wrong or is likely to go wrong.
- Oral Comprehension – Able to listen and to understand information and ideas.

## 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.
- **Reading Comprehension** – Understanding written sentences and paragraphs in work related documents.
- **Critical Thinking** – Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- **Speaking** – Talking to others to convey information effectively.

## Education & Training

Medical and Clinical Laboratory Technologist positions require a bachelor’s degree in medical technology or one of the life sciences, such as biology.

## Where They Work

The South Dakota Industries which employ the largest number of medical laboratory technicians are:

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

## SD Employment & Wages

2016 Workers	2026 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Median Annual Wage
380	410	30	10%	30	\$47,430

## Activities: what you might do in a day

- Analyze laboratory specimens to detect abnormalities or other problems.
- Analyze laboratory findings.
- Maintain medical laboratory equipment.
- Operate laboratory equipment to analyze medical samples.
- Collect biological specimens from patients.
- Enter patient or treatment data to computers.
- Develop healthcare quality and safety procedures.
- Clean medical equipment or facilities.
- Prepare medical supplies or equipment.

## Additional References

### Career OneStop

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

### O\*Net Online

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