



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 Demand for Workers	Average 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

O*Net Online

www.onetonline.org