



Medical Laboratory Technician Career Paths

High School Diploma / GED

+

Associate Degree in Medical
Laboratory Technology

OR

+

Bachelor's Degree in Medical
Laboratory Science



Medical Laboratory Technician
(MLT) – 2-Year Degree



Medical Laboratory Scientist
(MLS) – 4-Year Degree

Licensure / Certification Exam Required: **ASCP Certification Exam**

Note: Graduates must complete an accredited 2-year or 4-year program to be eligible to sit for the certification exam.



Career Growth Opportunities

Specialized
Laboratory
Roles

Clinical
Chemistry

Microbiology

Hematology

Immunology

Transfusion
Medicine

Medical Laboratory
Scientist*

Laboratory
Supervisor*

Laboratory
Manager*

*Requires additional certification or degree



**HEALTHCARE CAREER
COLLABORATIVE**
OF CENTRAL OHIO

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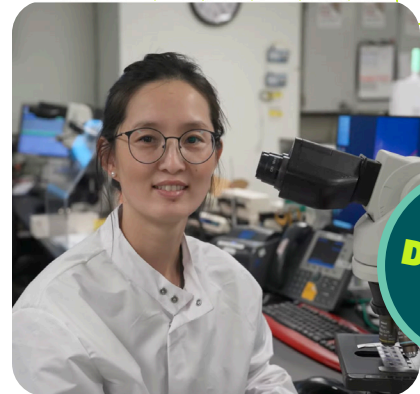
Medical Laboratory Technician

Behind the scenes of patient diagnosis.



→ Career Overview

Medical laboratory technicians analyze blood, tissue and other laboratory specimens to help detect disease and guide medical treatment. They are part of a team of laboratory professionals who perform complex testing that supports physicians in diagnosing and monitoring patient health. Nearly 70% of medical decisions are based on laboratory test results, making laboratory professionals essential to patient care. This role requires strong attention to detail, critical thinking and the ability to work with advanced laboratory technology.



IN-DEMAND NOW

→ Where They Work

Medical laboratory technicians work in hospitals, diagnostic laboratories, physician offices, public health laboratories and other healthcare settings. Some may work in specialty laboratories focused on microbiology, hematology or pathology.

→ Career Growth

With experience and additional education, medical laboratory technicians may specialize in areas such as microbiology, hematology or clinical chemistry. Many technicians continue their education to become medical laboratory scientists, which can open doors to leadership, research, education or advanced laboratory roles.



You'll love this job if you:

- Enjoy science and laboratory work
- Like solving problems and analyzing data
- Prefer working behind the scenes
- Want to contribute to patient care without direct bedside interaction



Skills That Matter

- Attention to detail
- Analytical thinking and problem solving
- Strong math and science skills
- Ability to prioritize tasks
- Communication and teamwork

SALARY SNAPSHOT



\$47,840
10%

\$61,980
Median

\$78,520
90%

Source: JobsEQ, May 2024 | Salary ranges represent regional averages and may vary based on experience, certification level and employer.

EXPLORE

Scan the QR code to explore training programs and career pathways in Central Ohio.



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