

MEDICAL LABORATORY TECHNOLOGY, A.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Hazleton, Schuylkill

End Campus: Hazleton

Career Paths

The two-year MLT program includes a two-semester clinical practicum experience in affiliated hospital laboratories. The MLT learns the most current laboratory techniques in a real laboratory setting.

Careers

You can find a career in a hospital laboratory, food processing industry, veterinary lab, state police or federal forensics lab, public health lab, cancer clinic, chemical company, pharmaceutical company, and more. You can choose to work in a medical lab or non-medical setting.

MORE INFORMATION ABOUT CAREERS (<https://www.ascp.org/careers-fellowships/careers-in-the-laboratory>)

Opportunities for Graduate Studies

If an MLT graduate chooses to continue his/her education, the first year's courses will transfer to a major in Microbiology, Medical Laboratory Science, Biology or related disciplines. Once an MLT graduate passes a national certification exam and is certified as MLT, earns a BS or BA in any major, and works in a hospital laboratory for at least two years, they can qualify to take a Medical Laboratory Scientist (MLS) certification exam. Bachelor's degrees earned prior to MLT certification count toward the MLS qualification. This opens the door to careers as an educator, laboratory manager and specialist positions.

Professional Resources

- American Society for Clinical Laboratory Science (<https://ascls.org>)
- American Society for Clinical Pathology (<https://www.ascp.org/home>)
- Association for Diagnostics & Laboratory Medicine (<https://myadlm.org>)
- American Society of Hematology (<https://www.hematology.org/>)
- American Association of Blood Banks (<https://www.aabb.org>)
- National Accrediting Agency for Clinical Laboratory Sciences (<https://naaccls.org>)
- American Society for Microbiology (<https://asm.org/>)
- Centers for Disease Control and Prevention (<https://www.cdc.gov/>)