



# 2025 - 2026 Medical Laboratory Technology

Associate in Applied Science Degrees

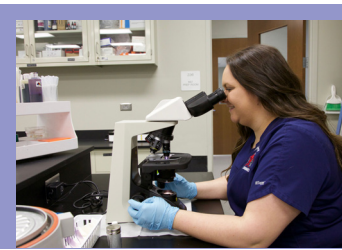
MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID



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## Medical Laboratory Technology

This curriculum prepares individuals to perform clinical laboratory procedures in chemistry, hematology, microbiology, and immunohematology that may be used in the maintenance of health and diagnosis/treatment of disease.

Course work emphasizes mathematical and scientific concepts related to specimen collection, laboratory testing and procedures, quality assurance and reporting/recording and interpreting findings involving tissues, blood, and body fluids.

Graduates may be eligible to take the examination given by the Board of Certification of the American Society for Clinical Pathology. Employment opportunities include laboratories in hospitals, medical offices, industry, and research facilities.

This program is accredited by:

**National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)**

5600 N River Rd. Suite 720

Rosemont, IL 60018

Phone: (773) 714-8880

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

### Specific Admission Requirements

This program has a selective admission process. For application and admission requirements, contact [advising@abtech.edu](mailto:advising@abtech.edu) and view the information on our website at <https://www.abtech.edu/admissions/selective-and-limited-programs>.

### Total Cost Estimate

**Tuition per Semester (NC Resident)** \$1,216.00 (16+ credit hours)  
\$76.00/credit hour (1-15 hours)

**Computer Use and Technology Fee** \$48/semester

**Activity Fee** Fall and Spring semesters only,  
Main campus and Online, \$35.00

**CAPS Fee (Campus Access, Parking and Security)** \$20/semester

**Matriculation Fee** \$10/semester

**Student Insurance** \$2/Semester

**Additional Fees including books may incur, please check A-B Tech website for more detail:** <https://abtech.edu/program/medical-laboratory-technology-aas-associate-applied-science-cost-estimate>

**Have you applied for Financial aid? Please visit A-B Tech website for instructions:** <https://abtech.edu/future-students/financial-aid/applying-aid>

### Program Outcomes - Success Factors

- A-B Tech Medical Laboratory Technology (MLT) graduates achieved a 100% pass rate on the American Society for Clinical Pathologist Board of Certification Exam - 2019 Graduating Class
- The 2019 Graduating MLT Class secured 100% employment rate within two months of graduation

### Courses requiring a grade of "C" or better: CHM and MLT

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	CHM 130	Gen, Org & Biochemistry	3
	CHM 130A	Gen, Org & Biochem Lab	1
	MLT 110	Intro to MLT	3
	MLT 111	Urinalysis & Body Fluids	2
	MLT 116	Anatomy & Med Terminology	5
	MLT 140	Intro to Microbiology	3
Second Semester (Spring)	ENG 111	Writing and Inquiry	3
	MAT 110	Mathematical Measurement & Literacy	3
	MLT 120	Hematology/Hemostasis I	4
	MLT 126	Immunology and Serology	2
	MLT 130	Clinical Chemistry I	4
	MLT 240	Special Clin Microbiology	3
Third Semester (Summer)	MLT 127	Transfusion Medicine	3
	MLT 252	MLT Practicum I (Phlebotomy)	2
Fourth Semester (Fall)	MLT 254	MLT Practicum I (Blood Bank)	4
	PSY 150	General Psychology	3
	MLT 264	MLT Practicum III (Hematology)	4
	COM 120	Intro Interpersonal Communication	3
Fifth Semester (Spring)	CIS 110	Introduction to Computers	3
	HUM 115	Critical Thinking	3
	MLT 215	Professional Issues	1
	MLT 274	MLT Practicum III (clinical Chemistry)	4
	MLT 271	MLT Practicum III (Special Microbiology)	1
	MLT 273	MLT Practicum III (Microbiology)	3
<b>Program Totals:</b>			<b>70</b>

**Students who have completed the Phlebotomy Certificate at A-B Tech or have a Phlebotomy Certification by either national professional organization will be given credit for MLT-252.**

### Career Opportunities in Medical Laboratory Technology

A.A.S. Degree National Salary Range: \$57,400 - 84,700

Local Salary Range: \$46,970 - \$76,440

Hospitals, Emergency Care Clinics, Health Departments, Physicians' Offices, General Clinics, Commercial Labs

Salaries may vary based on size of business and other factors.

### For More Information:

Contact Jennifer Picher, [jenniferpicher@abtech.edu](mailto:jenniferpicher@abtech.edu), 828-398-7266