



# Medical Laboratory Technician • Phlebotomy Certificate

## Semester Course Outline • 2026 – 2027

9 Months (2 Semesters) • Revised: 2/2/26

Credits Required for Certificate: 16.5

### Fall Semester

Course Number	Course Title	Clock Hours	Credits
BIOL 221	Human Anatomy *	90	4
MLT 101	Introduction to Medical Laboratory	56	2
MLT 135	Principles of Phlebotomy	56	2
<b>Total</b>		202	8

### Spring Semester

Course Number	Course Title	Clock Hours	Credits
CMST 101	Foundations of Communication *	45	3
MA 115	Medical Terminology	45	3
MLT 225	Phlebotomy Practicum (Includes 120 hours in a hospital or clinic laboratory. This will include phlebotomy training and general lab operations.)	120	2
MLT 227	Phlebotomy Practicum Correlation	8	.5
<b>Total</b>		218	8.5

**NOTE:** Phlebotomy Practicum and Practicum Correlation can be taken **only** after successful completion of MLT 101 and MLT 135.

**NOTE:** If students are enrolled in the Hybrid option MLT 101 and MLT 135 will require visits to campus to complete labs.

- Courses marked with an asterisk (\*) can be transferred directly to the university system.

Each course within this certificate is acceptable for full-credit toward an Associate of Applied (A.A.S.) degree in Medical Laboratory Technician from Lake Area Technical College.