



Medical Laboratory Technology Associate of Applied Science

AAS. MLAB
2023-2024

Texas Southmost College
Division of Health Professions

MLT graduates can work in hospital laboratories, reference laboratories, physician office laboratories, Department of State Health Services, fertility clinics, pharmaceutical/biotech industry, veterinary laboratories and forensic laboratories.

Recommended Course Sequence

PREREQUISITES	Credits
BIOL 2301 Anatomy & Physiology I (lecture)	3
MATH 1342† Elementary Statistical Methods	3
ENGL 1301* Composition I	3
FIRST YEAR – FALL SEMESTER	Credits
CHEM 1305 Introduction to Chemistry I or higher CHEM	3
MLAB 1201* Introduction to Clinical Laboratory Science	2
PLAB 1323* Phlebotomy	3
MLAB 1415* Hematology	4
MLAB 1227* Coagulation	2
PLAB 1166* Practicum - Phlebotomy/Phlebotomist	1
FIRST YEAR – SPRING SEMESTER	Credits
MLAB 2534* Clinical Microbiology	5
MLAB 1335* Immunology/Serology	3
MLAB 1231* Parasitology/Mycology	2
MLAB 1311* Urinalysis & Body Fluids	3
FIRST YEAR - SUMMER III (Extended Summer 10 Weeks)	Credits
MLAB 2431* Immunohematology	4
MLAB 1260* Clinical - Clinical/Medical Laboratory Technician	2
SECOND YEAR - FALL SEMESTER	Credits
MLAB 2401* Clinical Chemistry	4
MLAB 1263* Clinical - Clinical/Medical Laboratory Technician	2
PSYC 2301 General Psychology	3
SECOND YEAR - SPRING SEMESTER	Credits
XXXX X3XX‡ Language, Philosophy & Culture/Creative Arts Elective	3
MLAB 2260* Clinical - Clinical/Medical Laboratory Technician	2
MLAB 2263* Clinical - Clinical/Medical Laboratory Technician	2
MLAB 2132* Seminar in Medical Laboratory Technology	1
Total Credit Hours for Graduation	60



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TEXAS SOUTHMOST COLLEGE

This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation.

Check course core designation at the [Class Availability website](#).

Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

1. Graduates of the Associate of Applied Science- Medical Laboratory Technology program will demonstrate the ability to comprehend, apply and evaluate information by passing the National Certification Exam.
2. Students of the Associate of Applied Science- Medical Laboratory Technology program will complete the program within 21 months.
3. Graduates of the Associate of Applied Science – Medical Laboratory Technology program will be employed within six months of graduation.

*Grade of "C" or better is required for graduation.

†MATH 1314 or higher will be accepted.

‡ Students may take any course within this category of the TSC General Education Core Curriculum.