

**Medical Laboratory Technology
Associate of Applied Science**

Texas Southmost College
Health Care, Career and Technical Education Division

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.

PREREQUISITES **CREDIT HOURS**

BIOL 2301 Anatomy & Physiology I.....	3
CHEM 1305 Introduction to Chemistry I or higher CHEM	3
MATH 1314 ⁺ College Algebra.....	3
ENGL 1301 ⁺ Composition I	3

FIRST YEAR - FALL SEMESTER

MLAB 1201 ⁺ Introduction to Clinical Laboratory Science	2
PLAB 1323 ⁺ Phlebotomy	3
MLAB 1315 ⁺ Hematology	3
MLAB 1227 ⁺ Coagulation	2
PLAB 1166 ⁺ Practicum Phlebotomy	1

FIRST YEAR - SPRING SEMESTER

MLAB 2434 ⁺ Microbiology	4
MLAB 1335 ⁺ Immunology/Serology.....	3
MLAB 1331 ⁺ Parasitology/Mycology	3
MLAB 1311 ⁺ Urinalysis & Body Fluids.....	3

FIRST YEAR - SUMMER I (Extended Summer 10 Weeks)

MLAB 2501 ⁺ Clinical Chemistry	5
MLAB 1260 ⁺ Clinical - Clinical/Medical Laboratory Technician.....	2

SECOND YEAR - FALL SEMESTER

MLAB 2431 ⁺ Immunohematology	4
MLAB 1263 ⁺ Clinical - Clinical/Medical Laboratory Technician.....	2
PSYC 2301 General Psychology	3

SECOND YEAR - SPRING SEMESTER

XXXX X3XX ¹ Language, Philosophy & Culture/Creative Arts	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

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

¹Language, Philosophy & Culture/Creative Arts Electives: Any General Education Core course that meets these categories

TSI Requirement (Texas Success Initiative - any other state-approved test) - Student must pass all three sections of state-approved test to graduate with this degree.

A minimum grade of "C" must be obtained in each (MLAB, PLAB) course required in the degree plan.