

**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 <sup>+</sup> College Algebra.....	3
ENGL 1301 <sup>+</sup> Composition I .....	3

**FIRST YEAR - FALL SEMESTER**

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

**FIRST YEAR - SPRING SEMESTER**

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

**FIRST YEAR - SUMMER I (Extended Summer 10 Weeks)**

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

**SECOND YEAR - FALL SEMESTER**

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

**SECOND YEAR - SPRING SEMESTER**

XXXX X3XX <sup>1</sup> Language, Philosophy & Culture/Creative Arts .....	3
MLAB 2260 <sup>+</sup> Clinical - Clinical/Medical Laboratory Technician.....	2
MLAB 2263 <sup>+</sup> Clinical - Clinical/Medical Laboratory Technician.....	2
MLAB 2132 <sup>+</sup> Seminar in Medical Laboratory Technology .....	1

**TOTAL CREDIT HOURS FOR GRADUATION - 60**

<sup>+</sup> Grade of "C" or better is required for graduation.

<sup>1</sup>Language, 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.