

**Medical Laboratory Technology**  
**Associate of Applied Science**  
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.

<b>PREREQUISITES</b>	<b>CREDIT HOURS</b>
BIOL 2301 Anatomy & Physiology I.....	3
MATH 1342 <sup>++</sup> Elementary Statistical Methods .....	3
ENGL 1301 <sup>+</sup> Composition I .....	3

**FIRST YEAR - FALL SEMESTER**

CHEM 1305 Introduction to Chemistry I or higher CHEM .....	3
MLAB 1201 <sup>+</sup> Introduction to Clinical Laboratory Science.....	2
PLAB 1323 <sup>+</sup> Phlebotomy .....	3
MLAB 1415 <sup>+</sup> Hematology .....	4
MLAB 1227 <sup>+</sup> Coagulation .....	2
PLAB 1166 <sup>+</sup> Practicum Phlebotomy .....	1
	<b>STOP</b>

**FIRST YEAR - SPRING SEMESTER**

MLAB 2534 <sup>+</sup> Clinical Microbiology.....	5
MLAB 1335 <sup>+</sup> Immunology/Serology .....	3
MLAB 1231 <sup>+</sup> Parasitology/Mycology .....	2
MLAB 1311 <sup>+</sup> Urinalysis & Body Fluids .....	3

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

MLAB 2431 <sup>+</sup> Immunohematology .....	4
MLAB 1260 <sup>+</sup> Clinical - Clinical/Medical Laboratory Technician.....	2

**SECOND YEAR - FALL SEMESTER**

MLAB 2401 <sup>+</sup> Clinical Chemistry .....	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>++</sup>MATH1314 or higher will be accepted.

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

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