

**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.

| PREREQUISITES | CREDIT HOURS |
|--|---------------------|
| BIOL 2301 Anatomy & Physiology I..... | 3 |
| MATH 1342 ⁺⁺ Elementary Statistical Methods | 3 |
| ENGL 1301 ⁺ Composition I | 3 |

FIRST YEAR - FALL SEMESTER

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| 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

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| 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)

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| MLAB 2431 ⁺ Immunohematology | 4 |
| MLAB 1260 ⁺ Clinical - Clinical/Medical Laboratory Technician..... | 2 |

SECOND YEAR - FALL SEMESTER

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| MLAB 2401 ⁺ Clinical Chemistry | 4 |
| MLAB 1263 ⁺ Clinical - Clinical/Medical Laboratory Technician..... | 2 |
| PSYC 2301 General Psychology | 3 |

SECOND YEAR - SPRING SEMESTER

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| XXXX X3XX ² 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

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

⁺⁺MATH1314 or higher will be accepted.

²Students may take any course within this category of the TSC General Education Core Curriculum.