

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 ⁺ Clinical Microbiology..... | 4 |
| MLAB 1335 ⁺ Immunology/Serology | 3 |
| MLAB 1331 ⁺ Parasitology/Mycology..... | 3 |
| MLAB 1311 ⁺ Urinalysis & Body Fluids | 3 |
| FIRST YEAR - SUMMER III (Extended Summer 10 Weeks) | |
| MLAB 2431 ⁺ Immunohematology | 4 |
| MLAB 1260 ⁺ Clinical - Clinical/Medical Laboratory Technician..... | 2 |
| SECOND YEAR - FALL SEMESTER | |
| MLAB 2501 ⁺ Clinical Chemistry | 5 |
| 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.