



MEDICAL LAB TECHNICIAN PROGRAM

Associate in Applied Science

Program Description

Medical Laboratory Technicians perform laboratory tasks to obtain data that will be used by physicians and other medical staff to prevent, diagnose, and treat illness. They are expected to examine specimens, operate automated testing equipment, and identify bacteria. MLT's are required to prepare samples for automated testing and to perform manual testing following detailed instructions.

Is it for you?

Although not involved in direct patient care, the MLT is still a vital part to the healthcare team. The individuals who are in this field should love the science behind the medicine. We spend much of our time testing blood and other specimens from the human body to provide accurate and reliable results for the medical team. These results will then be used to give the best care for the patient. If you love science and enjoy the behind the scene feel, then this could be for you.

Entry requirements and other program information

- High school diploma or GED
- Minimum 2.0 GPA
- Updated immunization record
- Prerequisites for the program are MAT 110 or MAT 120, BIO 112 or BIO 210, and BIO 211 with a "C" or better.
- Must have taken or be eligible to take ENG 101 - Composition I
- CPR, background check, and drug screen are required after you have been accepted into the program (this is not the same as acceptance into FDTC)
- Application for program entry is required. This is an electronic application process using the Etrieve system at the College. You must be a student at FDTC to apply.

Frequently asked questions:

1. When are new students accepted into the program?

We take new students every fall. If you are not accepted in the fall, you must wait until the following year to apply.

2. How many students are accepted?

For each class, we accept 16 students.

3. How long does it take to complete?

The MLT program is a five semester program. Semesters 1-3 are discipline-specific courses and the fourth and fifth semesters are clinical and certification review.

4. Are any classes offered online?

Some of the general requirements are available as online classes; however, none of the medical laboratory classes are available online and will require you to be on campus most days of the week.

5. Are there any costs associated with the program other than tuition?

Yes, there are some out-of-pocket expenses, including books, immunizations, background check, drug screen, CPR certification, uniforms, and lab supplies (approximately \$1,800).

Medical Lab Technician Curriculum

			CREDIT HOURS
FALL	ENG 101	English Composition I	3
	MLT 102	Medical Lab Fundamentals	3
	MLT 104	Basic Medical Microbiology	2
	MLT 115	Immunology	3
	MLT 131	Clinical Chemistry	3
SPRING	MLT 105	Medical Microbiology	4
	MLT 112	Introduction to Parasitology	2
	MLT 120	Immunoematology	4
	MLT 210	Advanced Hematology	4
SUMMER	MLT 108	Urinalysis & Body Fluids	3
	MLT 230	Advanced Clinical Chemistry	4
FALL	MLT 251	Clinical Experience I	5
	MLT 252	Clinical Experience II	5
	PSY 201	General Psychology	3
SPRING	MLT 253	Clinical Experience III	5
	MLT 254	Clinical Experience IV	5
	XXX XXX	Elective: Humanities/Fine Arts	3

Upon completion, you will have achieved an Associate in Applied Science | 68 total credit hours