



Medical Lab Technician

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
- ▶ Prerequisites for the program are MAT 110 or MAT 120 and 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 will all be required after you have been accepted into the program (this is not the same as acceptance into FDTC)
- ▶ Updated immunization record
- ▶ 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 associate 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).

SEMESTER 1 | FALL

COURSE PREFIX	COURSE NUMBER	COURSE NAME	CREDIT HOURS
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

SEMESTER 2 | SPRING

COURSE PREFIX	COURSE NUMBER	COURSE NAME	CREDIT HOURS
MLT	105	Medical Microbiology	4
MLT	112	Introduction to Parasitology	2
MLT	120	Immunohematology	4
MLT	210	Advanced Hematology	4

SEMESTER 3 | SUMMER

COURSE PREFIX	COURSE NUMBER	COURSE NAME	CREDIT HOURS
MLT	108	Urinalysis & Body Fluids	3
MLT	230	Advanced Clinical Chemistry	4

SEMESTER 4 | FALL

COURSE PREFIX	COURSE NUMBER	COURSE NAME	CREDIT HOURS
MLT	251	Clinical Experience I	5
MLT	252	Clinical Experience II	5
PSY	201	General Psychology	3

SEMESTER 5 | SPRING

COURSE PREFIX	COURSE NUMBER	COURSE NAME	CREDIT HOURS
MLT	253	Clinical Experience III	5
MLT	254	Clinical Experience IV	5
XXX	XXX	Elective: Humanities/Fine Arts	3
Total Program Credits			68