Medical Laboratory Technology

Associate of Science

Northwest Florida State College
Class Options
MLT Courses at FWB Campus

nwfsc.edu

(850) 863 - 6521

Admissions

Application dates and deadlines can be found at www.nwfsc.edu/medical-laboratory-technology/

Step 1. Apply to the college online. Visit www.nwfsc.edu/admissions and choose Medical Laboratory Technology as the field of study. Meet with a Student Success Navigator and attend an MLT information session before enrolling in classes. Information session dates are posted on the MLT webpage.

Step 2. Complete the Pre-MLT phase with a grade of "C" or better in each course, and a total prerequisite GPA of 2.8 or higher. Part time students must complete at least MAC 1105, BSC 1085C & 1086C, and CHM 1045C before beginning technical classes.

Step 3. Apply to the MLT program technical education phase. The application period for this phase takes place in the Summer.

Advising & Information

Caitlin Robertson, MLT Program Director
rober140@nwfsc.edu | 850-863-6521

What is a Medical Laboratory Technician?

Laboratory tests contribute to up to 70% of all medical decisions made by doctors. Medical Laboratory Technicians (MLTs) are needed to perform these tests. While hospitals are a common employer of MLTs, diagnostic laboratories, physician offices, forensic laboratories, research labs, blood banks, and veterinary offices are all also possible work environments.

Job Outlook & Salary Range

MLTs are in high demand nation-wide and employment for this profession is growing at a faster than average rate. Typical salaries for the entry-level MLT begin at approximately $40,000 per year with added benefits.

Our Program

The NWF State College MLT program is located at the Fort Walton Beach Campus and is a 6-semester program of study leading to an Associate in Science (A.S.) degree in Medical Laboratory Technology. It is split into 3 phases: the prerequisite phase, the technical phase, and the clinical phase. Clinical practicums will take place as internships at local hospital laboratories.
The program's hybrid design means that students only need to come to campus for labs one day/week during the technical phase. A part-time option is also available.

Pre-MLT Phase

Fall Semester (Prerequisites)

Course ID	Course Name	Credits
MAC 1105	College Algebra	3
ENC 1101	English Composition I	3
BSC 1085	Anatomy and Physiology I	4
	Core Social and Behavioral Science*	3
POS 1041	American Government	
AMH 2020	American History II	
	Total	**13**

Spring Semester (Prerequisites)

Course ID	Course Name	Credits
CHM 1045C	College Chemistry 1	4
BSC 1086C,	Anatomy and Physiology II	4
BSC 1010C	OR Principles of Biology I	
	Core Humanities	3
MCB 2010C	Microbiology	4
	Total	**15**

Technical Education Phase

1st Semester (Fall)

Course ID	Course Name	Credits
MLT 1022C	Introduction to Medical Technology	2
MEA 1040C	Phlebotomy	2
MLT 1300C	Hematology I	4
MLT 1401C	Medical Microbiology	6
MLT 1500C	Immunology/Serology	3
	Total	**17**

2nd Semester (Spring)

Course ID	Course Name	Credits
MLT 1302C	Hematology II	4
MLT 1610C	Clinical Chemistry	6
MLT 1525C	Immunohematology	4
MLT 1221C	Urinalysis and Body Fluids	2
	Total	**16**

Clinical Education Phase

3rd Semester (Summer)

Course ID	Course Name	Credits
MLT 2800L	Clinical Practicum I	4
	Total	**4**

4th Semester (Fall)

Course ID	Course Name	Credits
MLT 2930	MLT Capstone (Online)	3
MLT 2807L	Clinical Practicum II	4
MLT 2811L	Clinical Practicum III	4
	Total	**11**
	Total Hours	**76**

*One of these courses must be taken to fulfill the civic literacy requirement

NORTHWEST FLORIDA STATE COLLEGE

Six Locations of Northwest Florida State College

Niceville Campus
Fort Walton Beach Campus
Chautauqua Center
Hurlburt Field Center
Robert L. F. Sikes Education Center
South Walton Center