

# Medical Laboratory Technology

## ASSOCIATE IN SCIENCE

Northwest Florida State College offers a 6-semester program of study leading to an Associate in Science (A.S.) in Medical Laboratory Technology.

The program provides students with the skills, knowledge and clinical experiences necessary to become proficient Medical Laboratory Technicians. The curriculum includes content in hematology, microbiology, clinical chemistry, immunology and blood banking. Students will be ready and eligible to sit for the medical laboratory technology national board exams and will also be prepared to continue their education at the university level to earn a bachelor's or higher degree.



For more information call  
**(850) 678-5111**

**[www.nwfsc.edu](http://www.nwfsc.edu)**

## WHAT IS A MEDICAL LABORATORY TECHNICIAN?

Medical Laboratory Technicians perform a wide variety of medical lab tests used to diagnose disease or document normal findings. 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 AND 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 \$35,000 per year.

## 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 (28 credits), the technical education phase (33 credits), and the clinical phase (15 credits). Clinical practicums will take place as internships at local hospital laboratories. MLT graduates will be ready and eligible to sit for the MLT national board exams and will also be prepared to continue their education at the university level.

## ADMISSIONS

Application dates and deadlines can be found at [www.nwfsc.edu/medical-laboratory-technology](http://www.nwfsc.edu/medical-laboratory-technology)

Step 1. Apply to the college online. Visit [www.nwfsc.edu/admissions](http://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 all the required prerequisites with a grade of "C" or better in each, and a total prerequisite GPA of 2.8 or higher.

Step 3. Apply to the MLT program technical education phase. Admission to this portion of the program is limited by space and clinical resources. If there are more eligible students than there are spaces available, a selective points system will be used to rank candidates. A complete explanation of the points system may be found in the MLT application packet, which can be accessed on the MLT website.

### NWF CLASS OPTIONS

Day

MLT Courses at FWB Campus

## PLAN OF STUDY

Semester	Course ID	Course Name	Credits	
Prerequisite Phase				
Fall Semester (Prerequisites)	MAC 1105	College Algebra or higher	3	
	ENC 1101	English Composition I or higher	3	
	BSC 1085C	Anatomy and Physiology I	4	
		Gen Ed Social and Behavioral Science	3	
	PSY 2012 DEP 2004	Recommended: Psychology Or Human Growth and Development		
Total			13	
Spring Semester (Prerequisites)	CHM 1045C	College Chemistry 1	4	
	BSC 1086C, BSC 1010C	Anatomy and Physiology II OR Principles of Biology I	4	
		Gen Ed Humanities*	3	
	PHI 2600 MCB 2010C	Recommended: Introduction to Ethics Microbiology	4	
	Total			15
Technical Education Phase				
1 <sup>st</sup> Semester (Fall)	MLT 1022C	Introduction to Medical Technology	4	
	MLT 1300C	Hematology I	4	
	MLT 1221C	Medical Microbiology	6	
	MLT 1401C	Immunology/Serology	3	
	Total			17
2 <sup>nd</sup> Semester (Spring)	MLT 1302C	Hematology II	4	
	MLT 1610C	Clinical Chemistry	6	
	MLT 1525C	Immunohematology	4	
	MLT 1500C	Urinalysis and Body Fluids	2	
	Total			16
Clinical Education Phase				
3rd Semester (Summer)	MLT 2800L	Clinical Practicum I	4	
	Total			4
4 <sup>th</sup> Semester (Fall)	MLT 2930	MLT Capstone (Online)	3	
	MLT 2807L	Clinical practicum II	4	
	MLT 2811L	Clinical practicum III	4	
	Total			11
	Total Hours			76

**\*Be sure to take a Humanities course that incorporates the Oral Communication component that satisfies the program's "speaking-across-the-curriculum" requirement**

## ADVISING & INFORMATION

Caitlin Robertson, Medical Laboratory Technology Program Director  
Email: rober140@nwfsc.edu  
Phone: (850)-863-6521

## SIX LOCATIONS OF NWF STATE COLLEGE

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