

Medical Laboratory Technology

Medical Laboratory Technology Associate in Applied Science

Mission Statement:

The mission of the Medical Laboratory Technology program is to provide the highest quality learning opportunities, primarily to the residents of Greenville County. Specifically, the program strives to produce graduates who are proficient in the entry level skills required of a medical laboratory technician. In addition to specific technical skills, graduates have opportunities to acquire competence in critical thinking, problem solving, written and oral communication, computing, teamwork, and other skills that enhance their professional careers. Upon completion of the MLT program, students are awarded an Associate in Applied Science degree in Medical Laboratory Technology and are eligible to take a national certification exam. The majority of graduates become employed in a clinical laboratory setting.

Entrance Requirements:

Acceptable placement test score(s), 19 ACT or 920 SAT; high school algebra, biology & chemistry are strongly recommended

Type of Program:

Day

Professional Credentials:

Medical Laboratory Technician (subject to passing external certification exam)

Program Accreditation:

National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Road, Suite 720, Rosemont, IL 60018; (773) 714-8880

Employment Opportunities:

Hospitals, private offices, blood centers, industrial/pharmaceutical labs

- This program trains students to analyze human blood, body fluids, or tissue samples to detect and diagnose diseases using microscopes, blood analyzers, and other scientific equipment.
- Prior to acceptance students must
 - Meet the specific program requirements outlined in the School of Health Sciences admissions requirements.
 - Have completed CHM 100 or CHM 110 with a grade of "C" or higher.
 - Be eligible for enrollment in MAT 120.
 - Have completed ENG 101 with a grade of "C" or better.
 - Have completed BIO 216 (or BIO 210 and BIO 211) with a grade of "C" or better.
 - Have a cumulative GPA of 2.5 for related courses already taken.
 - Complete a Career Talk session for the major within the last two years.
 - Take the TEAS entrance exam at Placement Testing Center in Admissions and Registration Center.
 - Submit a completed MLT Weighted Admission form between May 15 and June 15. Students are selected based on a weighted admissions process. Students with the highest scores will receive an admissions letter and intent form. To reserve a seat, students must pay a \$100 non-refundable deposit. Formal acceptance is contingent upon a crime free criminal background check and a negative drug screening. The program only admits students each fall.
 - Have a negative 10-panel drug screen.
 - Have a crime-free criminal background check. Students may be subject to more than one background check during the program based on affiliate requirements.
- Students must be able to attend all clinical experiences.
- Graduates are eligible to sit for the national registry examinations.
- This program is located on Greenville Tech's Northwest Campus.

Recommended Program Schedule

First Semester - Summer

BIO	216	Physiology*	4.0
ENG	101	English Composition I*	3.0
MAT	120 ¹	Probability & Statistics*	3.0

Second Semester - Fall

MLT	101	Introduction to Medical Laboratory Technology	2.0
MLT	130	Clinical Chemistry	4.0
MLT	115	Immunology	3.0
MLT	105	Medical Microbiology	4.0

Third Semester - Spring

MLT	120	Immunoematology	4.0
MLT	110	Hematology	4.0
MLT	230	Advanced Clinical Chemistry	4.0
MLT	205	Advanced Microbiology	4.0

Fourth Semester - Summer

MLT	108	Urinalysis and Body Fluids	3.0
MLT	210	Advanced Hematology	4.0
MLT	241	Medical Laboratory Transition	3.0

Fifth Semester - Fall

MLT	251	Clinical Experience I	5.0
MLT	252	Clinical Experience II	5.0
SPC	205 ²	Public Speaking*	3.0
		Humanities/Fine Arts course ³	3.0

Sixth Semester - Spring

PSY	201	General Psychology* or	3.0
SOC	101	Introduction to Sociology	
MLT	253	Clinical Experience III	5.0
MLT	254	Clinical Experience IV	5.0

Total Required Credit Hours:

78.0

This is an ideal plan for taking the required courses. Specific class schedules and progression through the program depend on the varying circumstances of the individual.

¹ MAT 109 (College Algebra with Modeling) or 110 (College Algebra) may be substituted for MAT 120.

² SPC 200 or 209 may be substituted for SPC 205.

³ It is strongly recommended that one of the following courses be selected for the 3 hour Humanities elective; SPA 102 or 201; PHI 110; REL 101

NOTE: Entry level foreign language courses (SPA 101, FRE 101, or GER 101 are not acceptable.)

NOTE: In addition to the courses listed above, students must also complete CHM 100 (or higher) as a pre-requisite for submitting a weighted admission form for MLT.

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.