

Grayson College Course Catalog

Overview - Medical Laboratory Technology

The Medical Laboratory Technology program prepares the student, by formal instruction and clinical experience, to perform laboratory procedures that aid physicians, pathologists and other healthcare providers in the diagnosis and treatment of disease in the hospital, clinic or research laboratory. Upon completion of the program, students receive an Associate of Applied Science Degree and are eligible to take the national certification exams.

This program prepares the medical laboratory technician by formal instruction and clinical experience to perform laboratory procedures which aid physicians and pathologists in the diagnosis and treatment of disease in the hospital, clinic, or research laboratory.

Upon completion of this program, students receive an Associate of Applied Science Degree and may be eligible to take national certification examinations such as that administered by the American Society for Clinical Pathology (ASCP) Board of Certification.

Transfer of Coursework

Students who desire admission via transfer to GC must adhere to the GC course transfer policies outlined in the GC Student Handbook. This includes submitting official copies of transcripts from each college or university previously attended to the Office of Admissions and Records and a copy of the transcripts to the MLT Program Director. Prerequisite/corequisite general education courses will be accepted for transfer and application toward the certificate or degree if evaluated as equivalent to the required course at GC. MLT courses are accepted for transfer only with prior approval of the MLT director. Students wishing to transfer MLT courses should provide course syllabi from all courses for which credit is being requested.

Eligibility for Clinical Placement

Students who have been involved in the criminal justice system may not be eligible for clinical placement. If you feel this applies to you, please seek guidance from the program director or Health Science Advisor prior to seeking admission. All students accepted into the MLT program must pass a criminal background check and periodic drug screens throughout enrollment.

Contact information regarding program approval and accreditation:

National Accrediting Agency for Clinical Laboratory Science (NAACLS)

Peter Hu, PhD, MS, MLS(ASCP)
President, NAACLS Board of Directors
5600 N. River Rd. Suite 720
Rosemont, IL 60018-5119
773-714-8880 (phone)
773-714-8886 (fax)
<http://www.naacls.org>

AAS Degree Requirements

Associate of Applied Science - Medical Laboratory Technology

Subject	Semester Hours
MLAB 1291 (Special Topics MLT)	2
MLAB 1201 (Introduction to Clinical Laboratory Science)	2
MLAB 1335 (Immunology/Serology)	3
PLAB 1160 (Phlebotomy Clinical)	1
ENGL 1301 (Composition I)	3
PLAB 1223 (Phlebotomy)	2
MLAB 2331 (Immunochemistry)	3
MLAB 1315 (Hematology)	3
MLAB 1127 (Coagulation)	1
MLAB 1311 (Urinalysis and Body Fluids)	3

MLAB 1231 (Parasitology/Mycology)	2
*Humanities/Fine Arts	3
* SPCH 1311 , 1315 or 1321	3
BIOL 2404 (Anatomy and Physiology)	4
MLAB 2434 (Clinical Microbiology)	4
MLAB 2401 (Clinical Chemistry)	4
MLAB 2238 (Advanced Topics in MLT)	2
PSYC 2301 (General Psychology)	3
MLAB 2660 (Clinical II)	6
MLAB 2661 (Clinical III)	6
total:	60

Capstone Requirement: All students must successfully complete MLAB 2660 and MLAB 2661 prior to graduation to fulfill the capstone requirement.

*Please review your Student Planner or contact your Student Success Coach/Faculty Mentor to review which courses may be used to fill this degree requirement.

Last updated: 03/01/2021

Grayson College

6101 Grayson Drive (Hwy. 691) Denison, TX 75020
(903) 465-6030