

MEDICAL LABORATORY TECHNOLOGY, CAREER ASSOCIATE OF SCIENCE

Health Science Division

Recommended Courses for Career Associate of Science Degree Programs

The Medical Laboratory Technology (MLT) program prepares graduates to practice as a laboratory technician in hospitals, clinics, physician offices, and other health care facilities. Graduates are eligible to sit for national certifying exams. The program is accredited by

The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 North River Road
Suite 720
Rosemont, IL 60018-5119

(847) 939-3597, (773) 714-8880, FAX (773) 714-8886, www.naacls.org.
(<http://www.naacls.org/>)

Additional Requirements

1. A minimum grade of "C" is required in each MLT professional course.
2. A physical examination, including proof of MMR x 2, HBV x 3, Varicella x 2 immunizations (or titers to prove immunity) are required. A current flu vaccine, PPD, and other immunizations may be required prior to entry into clinical practicum courses.
3. Students must satisfy admission requirements to Albany State University.
4. Liability insurance is required upon enrollment in **any** MLT technical course.
5. To satisfactorily complete the curriculum and to develop the skills required of an entry level medical laboratory technician, the student must have:
 - a. **Visual acuity** (with or without corrective lenses) sufficient to differentiate colors used as reaction indicators; to observe the patient during phlebotomy procedure; to differentiate and identify specimens utilizing microscopic examination; to read laboratory manuals, procedure, policies, specimen labels, test requisitions and other materials pertinent to professional practice;
 - b. **Physical ability** to manipulate clinical laboratory instruments and equipment in a manner consistent with operational procedures;
 - c. **Manual dexterity** to perform venipuncture procedures and to operate hand held medical laboratory equipment and tools in a manner consistent with operational guidelines.

MLT Re-Admission Criteria

Students who do not progress in MLT Program courses as outlined by the curriculum guide may continue in the program under the following conditions:

1. They meet Albany State University admission criteria.
2. They meet MLT Program admission criteria.
3. They do not have more than one "D" or "F" in MLT program courses.

4. Course enrollment will be permitted on a space-available basis and only if prerequisites are met.
5. Students absent from the program for a period exceeding one semester will be required to demonstrate prior course competency by exam or repeat course for credit.
6. Students with two unsuccessful attempts in program courses are ineligible for program readmission. Withdrawing from an MLTS course is considered an unsuccessful attempt. A course grade of "D" or "F" is considered an unsuccessful attempt.

Additional Costs

Students in the Medical Laboratory Technology Program are responsible for the following **approximated** expenses in addition to books, tuition and fees:

Item	Cost
Liability Insurance	\$18.00
Uniforms/lab coat/ID badges	\$115.00
Laboratory Supplies (Gloves, masks, face shields, scissors, pens, and markers)	\$50.00
Specified immunizations	\$200.00
MLT Certification (ASCP)	\$215.00
Background Check	\$50.00
	\$648.00

NOTE: In addition to the above fees, students may be required to have a drug screen prior to clinical placement in externships. Fees may vary by affiliate and are generally less than \$100. Affiliates that require ACEMAPP membership will also be an additional \$50 fee for the student.

Clinical Assignments

The ASU MLT Program has clinical affiliations with many hospitals and clinics in Southwest Georgia, as well as other states. Clinical assignments are made by the program faculty with approved affiliates only. Students must be prepared to travel to their clinical training facility.

Program Application Required

Semester	Application Deadline
Fall*	June 1st

* Based on space availability

Administrative Withdrawals

Students may be withdrawn from the program and/or from a clinical affiliate for lack of competence; if determined to pose a threat to the health or safety of others; for failure to comply with the ASU Code of Conduct or for failure to comply with the policies of a clinical affiliate.

Drug Screen and Criminal Background Checks

Students may be subject to drug screens and criminal background checks as a requirement for participating in program activities. Students

are also subject to drug screens requested at random or for probable cause.

Students may be prevented from participating in program activities until results are provided and they are approved for return to program activities.

Background checks, drug screens, and immunizations are the student's responsibility for expenses.

MLT Admissions Criteria

1. Applicants must have completed required Learning Support courses.
2. Applicants must successfully complete the required prerequisite courses as published in the Program of Study curriculum guide.
3. Applicants must have a minimum overall college GPA of 2.5. Preference in program participation may be given to students with the highest GPA.
4. Students with two unsuccessful attempts in MLT program courses at ASU or any other institution are not eligible for admission to ASU MLT Program.

Note: Unsuccessful attempts include D's, F's, and course withdrawals.

Course requirements prior to program admission

Code	Title	Semester Hours
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
COMM 1110	Public Speaking	3
MATH 1111	College Algebra	3
BIOL 2211K	Introduction to Microbiology ¹	4

Program requirements after admission to program

Course	Title	Semester Hours
Freshman Year		
Fall		
Courses required for entry into the program (listed above)		20
MLTS 1160W	Medical Laboratory Technology I (Hematology)	3
MLTS 1160L	Medical Laboratory Technology I Lab (Hematology)	1
BIOL 2412K	Human Anatomy and Physiology II	4
CHEM 1211K	Principles of Chemistry I ²	4
Semester Hours		32
Spring		
MLTS 1161W	Medical Laboratory Technology II (Blood Bank)	3
MLTS 1161L	Medical Laboratory Technology II Lab (Blood Bank)	1
MLTS 2010W	Medical Laboratory Technology III (Microbiology)	2
MLTS 2010L	Medical Laboratory Technology III Lab (Microbiology)	2

CHEM 1212K	Principles of Chemistry II ²	4
Semester Hours		12
Summer		
MLTS 2020W	Medical Laboratory Technology IV (Chemistry)	3
MLTS 2020L	Medical Lab Technology IV Lab (Chemistry)	1
MLTS 1182	Parasitology, Mycology, and Virology	3
Humanities requirement (see footnote) ³		3
Semester Hours		10
Sophomore Year		
Fall		
MLTS 2630	Medical Laboratory Technology Externship	15
MLTS 2670	Seminars in Medical Laboratory Science	1
Semester Hours		16
Total Semester Hours		70

Online participants must provide their own clinical support and be approved by the Program Director prior to MLT program entry.

NOTE: MLT lab courses (MLTS 1160L, MLTS 1161L, MLTS 2010L and MLTS 2020L) are scheduled at Albany State University. Other approved clinical affiliate locations will be considered.

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

¹ BIOL 2211K must be completed by fall semester to meet prerequisites for MLTS 2010W and MLTS 2010L

² CHEM 1211K and CHEM 1212K must be completed by the end of spring semester to meet summer prerequisites for MLTS 2020W and MLTS 2020L.

³ Humanities requirement may be met by taking any literature or appreciation course in the Humanities Area of the Core IMPACTS (<http://catalog.asurams.edu/undergraduate/core-curriculum/#coreimpactstext>).