

MEDICAL LABORATORY TECHNOLOGY

A candidate for the Associate of Applied Science in Health degree, the Medical Laboratory Technology Option, must follow the required procedure for admission to the College and, in addition, is required to:

1. Contact the MLT faculty to schedule an interview and a career interest/options guidance session.
Students who have not scheduled these sessions may take MLTS 1101 and OADM 1250. They must however, complete the required interview and guidance sessions before they will be allowed to take additional MLT courses. (Prospective MLT students who lack a strong science background may also be required to complete BIOL 1107 before progressing further than MLTS 1101.)
2. Meet all regular A.A.S. degree admission requirements.
3. Procure a physical examination form from the MLT department, have a personal physician complete it, and forward the completed form to the MLT program director before the clinical practicum begins.
4. Satisfactorily complete all chemistry requirements and clinical courses before beginning clinical practicum at an affiliated hospital.
5. Become acquainted with policies pertaining to college and hospital regulations as set forth in the MLT Student Handbook.
6. Achieve a 2.5 GPA on general education courses.

Assignment to affiliated hospitals is determined by the MLT faculty. Students are required to purchase liability insurance and appropriate uniforms for clinical practicum.

MLT Technical Essentials

These are the essential non-academic requirements of the MLT Program “that the student must master to successfully participate in the program and become employable.”

MLT students must be able to meet the following essentials:

1. Ability to read and write legibly.
2. To see through a microscope accurately, to differentiate colors/stains/special stains reactions.
3. Possess manual dexterity.
4. Good communication skills.
5. Be mobile and able to stand long hours/lift 20-30 lbs.
6. Hear within normal range with/without corrective devices; (able to hear bells, buzzers, warning devices, and timers.).
7. Organizational skills and set priorities.
8. Work/respond in stressful/emergency situations.

Clinical facilities used by the program may require students to submit to background checks and drug screenings before they are allowed in the facility. Based on the information obtained, these facilities can refuse student access. Failure to be accepted into clinical facilities may jeopardize the student's ability to complete the program.

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Associate of Applied Science in Health

This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy.

Course	Number		Credit Hours
GENERAL EDUCATION			
BIOL	2213	Anatomy and Physiology	4
CHEM	1211	General Chemistry	4
COMM	1110	Fundamentals of Speech	3
ENGL	1101	English Composition I	3
HIST	2111 or 2112	American History	3
MATH	1111	College Algebra	3
POLS	1101	American Government	3
Electives		ENGL 1102, 1201; HUMN 1201, MUSC 1100, or THEA 1100	3
MAJOR FIELD COURSES			
MLTS	1101	Introduction to Health Sciences	3
MLTS	1103	Hematology I	3
MLTS	1104	Hematology/Coagulation II	3
MLTS	1105	Serology/Immunology	3
MLTS	1106	Blood Bank	3
MLTS	1107	Clinical Chemistry	3
MLTS	1112	Urinalysis/Parasitology	3
MLTS	1118	Instrumentation and Computer Applications in the Clinical Laboratory	4
MLTS	1190	MLT Clinical Practicum I	1
MLTS	1191	MLT Clinical Practicum II	1
MLTS	2218	Clinical Microbiology	4
MLTS	2290	MLT Clinical Practicum III	12
MLTS	2291	MLT Clinical Practicum IV	4
PHYSICAL EDUCATION			
PHED		Activity Elective	1
		Total	74

- Successful completion of all MLTS major field courses with a "C" (75) or better is required.
- MLTS major field courses can be repeated a maximum of one time.
- All general education and major field courses must be completed prior to entering MLTS 2290 and 2291

This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences which is sponsored by the American Society of Clinical Pathologists and the American Society for Clinical Laboratory Scientists.

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