

PROGRAMS

MEDICAL LABORATORY TECHNOLOGY (A45420)

The Medical Laboratory Technology curriculum prepares individuals to perform clinical laboratory procedures in chemistry, hematology, microbiology, and immunohematology that may be used in the maintenance of health and diagnosis/treatment of disease.

Course work emphasizes mathematical and scientific concepts related to specimen collection, laboratory testing and procedures, quality assurance and reporting/recording and interpreting findings involving tissues, blood, and body fluids.

Graduates may be eligible to take the examination given by the Board of Certification of the American Society of Clinical Pathology. Employment opportunities include laboratories in hospitals, medical offices, industry, and research facilities.

The MLT program is accredited by the:

Associate in Applied Science Degree Program

		Course Hours Per Week			Semester Hours
First Semester (Fall)		Class	Lab	Clinic	Credit
ACA-115	Success & Study Skills	0	2		1
CHM***	Take CHM-130 and CHM-130A or CHM-151	3	2-3		4
MED-120	Survey of Med Terminology	2	0		2
MLT-110	Intro to MLT	2	3		3
MLT-120	Hematology/Hemostasis I	3	3		4
MLT-126	Immunology and Serology	1	2		2
MLT-251	MLT Practicum I	0	0	3	1
Credit Hours		11	12-13	3	17
Second Semester (Spring)					
BIO***	Take BIO-163 or BIO-168	4-3	2-3		5-4
CHM***	CHM 152 (if CHM-151 taken)	0-3	0-3		0-4
MAT***	MAT-143 or higher	2-3	2		3-4
MLT-130	Clinical Chemistry I	3	3		4
MLT-220	Hematology/Hemostasis II	2	3		3
Credit Hours		11-14	10-14	0	15-19
Third Semester (Summer)					
ENG-111	Writing and Inquiry	3	0		3
MLT-111	Urinalysis & Body Fluids	1	3		2
MLT-127	Transfusion Medicine	2	3		3
Credit Hours		6	6	0	8

		Course Hours Per Week			Semester Hours
Fourth Semester (Fall)					
BIO***	Take BIO-169 (if BIO-168 taken)	0-3	0-3		0-4
ENG-112 or ENG-114	Writing/Research in the Disc or Prof Research & Reporting	3	0		3
MLT-140	Intro to Microbiology	2	3		3
MLT-262	MLT Practicum II	0	0	6	2
MLT-263	MLT Practicum II	0	0	9	3
***	Social/Behavioral Sciences Elective	3	0		3
Credit Hours		8-11	3-6	15	14-18
Fifth Semester (Spring)					
MLT-215	Professional Issues	1	0		1
MLT-240	Special Clin Microbiology	2	3		3
MLT-253	MLT Practicum I	0	0	9	3
MLT-261	MLT Practicum II	0	0	3	1
MLT-273	MLT Practicum III	0	0	9	3
***	Humanities/Fine Arts Elective	3	0		3
Credit Hours		6	3	21	14
Total Required Minimum Semester Hours Credit					68

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