

MEDICAL LABORATORY TECHNICIAN CURRICULUM

Program Student Learning Outcomes: Upon successful completion of the Associate in Science degree in Medical Laboratory Technician, the student should be able to:

1. Perform the clinical laboratory procedures expected of a medical laboratory technician.
2. Use knowledge of laboratory results to make clinical interpretations.
3. Apply the cognitive and technical skills necessary to function effectively in a clinical laboratory.
4. Maintain the ethical and professional standards necessary in a clinical laboratory and the healthcare industry.
5. Demonstrate the knowledge and skills necessary to function in a multicultural society.
6. Utilize interactive and communicative skills necessary to function in the medical industry as well as society as a whole.

PREREQUISITES		SLO # 1	SLO # 2	SLO # 3	SLO # 4	SLO # 5	SLO # 6
ENG 100 OR higher	Composition I					X	X
MATH 103 OR higher	Fundamentals of College Algebra					X	
BIOL 130	Anatomy and Physiology			X			
OR	OR						
BIOL 171	General Biology I			X			
OR	OR						
ZOOL 141 AND ZOOL 142	Human Anatomy and Physiology I & II			X			
CHEM 161	General Chemistry I			X			
CHEM 161L	General Chemistry I Lab		X				

<i>MLT CURRICULUM</i>		SLO # 1	SLO # 2	SLO # 3	SLO # 4	SLO # 5	SLO # 6
MLT 100	Introduction to the Clinical Laboratory	X			X	X	X
CHEM 162	General Chemistry II			X			
CHEM 162L	General Chemistry II Lab		X				
MICR 130	General Microbiology	X	X	X			
MICR 161	Immunology and Protein Chemistry			X			
MLT 107	Clinical Microbiology I	X	X	X			
MLT 108	Hematology	X	X	X			
MLT 112	Clinical Biochemistry I	X	X	X			
MLT 118	Body Fluids	X	X	X			
MLT 100B	Phlebotomy Practicum			X	X	X	X
MLT 204	Immunohematology	X	X	X			
MLT 207	Clinical Micro II	X	X	X			
MLT 211	Microscopy		X	X			
MLT 212	Clinical Biochemistry II	X	X	X			
AS/SS	Social Sciences (100 level or higher)					X	X
AS/AH	Humanities (100 level or higher)					X	X

<i>MLT CURRICULUM</i>		SLO # 1	SLO # 2	SLO # 3	SLO # 4	SLO # 5	SLO # 6
MLT 240	Seminar				X	X	X
MLT 242B	Clinical Rotation II- Blood Bank	X	X	X	X	X	X
MLT 242C	Clinical Rotation II- Chemistry	X	X	X	X	X	X
MLT 242D	Clinical Rotation II- Microbiology	X	X	X	X	X	X
MLT 242E	Clinical Rotation II- Hematology	X	X	X	X	X	X