

Individual Graduation Plan  
**A45420 – Medical Laboratory Technology**  
 Fall 2017

Student Name: \_\_\_\_\_

Student No: \_\_\_\_\_

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 for Clinical Pathology. Employment opportunities include laboratories in hospitals, medical offices, industry, and research facilities.

### Developmental Requirements

*(Some developmental requisites may be waived based on placement scores, course selection, etc.)*

Year	Semester	Grade	Course Number and Title	Hrs	Prerequisites	Corequisites	
			CIS 070	Fundamentals of Computing	1		
			DMA 010	Operations with Integers	1		
			DMA 020	Fractions and Decimals	1*	DMA 010	
			DMA 030	Propor/Ratio/Rate/Percent	1*	DMA 010 and 020	
			DMA 040	Express/Lin Equat/Inequal	1*	DMA 010, 020 and 030	
			DMA 050	Graphs/Equations of Lines	1*	DMA 010, 020, 030 and 040	
			DMA 065	Algebra for Precalculus	2*	DMA 010, 020, 030, 040, and 050	
			DRE 096	Integrated Reading and Writing	3		
			DRE 097	Integrated Reading Writing II	3*	DRE 096	
			DRE 098	Integrated Reading Writing III	3*	DRE 097	

### Curriculum Program Requirements

Year	Semester	Grade	Course Number and Title	Hrs	Prerequisites	Corequisites	
<b>1<sup>st</sup> Semester</b>							
			ACA 122	College Transfer Success	1*	(CIS 070 or CIS 110) and DRE 097	
			BIO 163	Basic Anat & Physiology	5*	DRE 097	
			MLT 110	Intro to MLT	3*	DMA 010, DMA 020 and DMA 030	
<b>2<sup>nd</sup> Semester</b>							
			CHM 151	General Chemistry I	4*	DMA 010, DMA 020, DMA 030, DMA 040, DMA 050 and DMA 065	
			ENG 111	Writing and Inquiry	3*	DRE 098	CIS 070 or CIS 110
			MLT 111	Urinalysis & Body Fluids	2*	DRE 098, MLT 110 and Enrollment in the Medical Laboratory Technology Program	BIO 163
			MLT 140	Intro to Microbiology	3*	DRE 098, MLT 110 and Current Program Status	BIO 163

3 <sup>rd</sup> Semester							
			CHM 152	General Chemistry II	4	CHM 151	
			MLT 120	Hematology/Hemostasis I	4	MLT 110 and Current Program Status	
			MLT 126	Immunology and Serology	2	MLT 110 and Current Program Status	
			MLT 127	Transfusion Medicine	3	MLT 110 and Current Program Status	
4 <sup>th</sup> Semester							
			BIO 271	Pathophysiology	3	BIO 163 or BIO 169	
			PHI 240	Introduction to Ethics	3	ENG 111	
			PSY 150	General Psychology	3*	DRE 096	
			MLT 215	Professional Issues	1*	MLT 110, MLT 120, MLT 126, MLT 127, MLT 140 and Current Program Status	ACA 122
5 <sup>th</sup> Semester							
			ENG 112	Writing/Research in the Disc	3	ENG 111	
			MLT 130	Clinical Chemistry I	4	CHM 151, MLT 120 and Current Program Status	
			MLT 220	Hematology/Hemostasis II	3	MLT 220 and Current Program Status	
			MLT 240	Special Clin Microbiology	3	MLT 111, MLT 140 and Current Program Status	
Clinical Work Experience							
			MLT 283	MLT Practicum I	13	CHM 151, ENG 112, MLT 126, MLT 127, MLT 130, MLT 220, MLT 240 and Current Program Status	
<b>TOTAL PROGRAM HOURS REQUIRED =</b>					<b>70</b>		
<b>Total Developmental Hours Required * =</b>							
<b>Total Hours Required =</b>							
* Hours may be required as indicated by placement scores increasing the number of semester hours required for program completion.							
Notes:							
_____						_____	
<i>Student Signature</i>						<i>Date</i>	
_____						_____	
<i>Advisor/Counselor Signature</i>						<i>Date</i>	