

MEDICAL LABORATORY TECHNOLOGY CURRICULUM GUIDE

This information is intended as a guide only and does not supersede the College catalog. It is the responsibility of the student to manage this information.

Name: _____ ID: _____ Date: _____

PREREQUISITES—Completion required for clinical eligibility.				
Comprehensive Study Prerequisite	Required Score(s)	Your Score	Recommendation(s)	Comments (Grade of "C" or higher)
Comprehensive English	Appropriate scores for ENG 101			CENG prerequisite: ENG 100 or ENG 150 or ENG 155
Comprehensive Reading	Appropriate scores for ENG 101			CRDG prerequisite: RDG 100
Comprehensive Algebra	Appropriate scores for MAT 120			CMAT prerequisite: MAT 102 (or "A" in MAT 101) plus RDG100orENG101
Prerequisite	Required Course	Date Completed	Grade ("C" or higher)	Comments
Biology	HS Bio with at least "C" or better within the last 5 years			BIO 105 may be taken if HS Biology has not been completed.
Chemistry	HS Chem with at least "C" or better within the last 5 years			CHM 105 or CHM 106 may be taken if HS Chemistry has not been completed.
GPA – minimum 2.0 required: Current GPA: _____				

GENERAL EDUCATION COURSES				
Course Title	TCTC Course Number	Date Completed	Grade	Comments
Basic Anatomy and Physiology	BIO 112			BIO 210 and BIO 211 may be substituted
English Composition I OR Accelerated Composition	ENG 101 or ENG 103			
Humanities Elective	XXX ###			Options listed on next page
General Elective	XXX ###			
Probability and Statistics OR College Algebra OR Quantitative Reasoning	MAT 120 or MAT 110 or MAT 103			
General Psychology	PSY 201			
Public Speaking	SPC 205			SPC 200 or SPC 209 may be substituted
MAJOR COURSES—Clinical portion of program				
Introduction to MLT	MLT 101			
Medical Microbiology	MLT 105			
Urinalysis and Body Fluids	MLT 108			
Hematology	MLT 110			
Immunology	MLT 115			
Immunohematology	MLT 120			
Clinical Chemistry	MLT 130			
Advanced Microbiology	MLT 205			
Advanced Hematology	MLT 210			
Advanced Clinical Chemistry	MLT 230			
Medical Lab Transition	MLT 241			
Clinical Experience I	MLT 251			
Clinical Experience II	MLT 252			
Clinical Experience III	MLT 253			
Clinical Experience IV	MLT 254			

Counselor's Initials: _____

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HUMANITIES ELECTIVES – additional electives are provided in the College Catalog

ART 101
 ENG 201
 ENG 202
 ENG 205
 ENG 206

ENG 208
 ENG 209
 FRE 201
 FRE 202
 HIS 101

HIS 102
 HIS 201
 HIS 202
 HSS 205
 MUS 105

PHI 101
 PHI 105
 PHI 110
 SPA 201
 SPA 202

TENTATIVE COURSE PLAN

TERM	COURSE TITLE	CREDIT HOURS	TERM	COURSE TITLE	CREDIT HOURS
FALL			FALL		
SPRING			SPRING		
SUMMER			SUMMER		
FALL			FALL		
SPRING			SPRING		

MEDICAL LABORATORY TECHNOLOGY CURRICULUM PLAN

FIRST YEAR

		C	L	Credit Hours
FALL SEMESTER				
BIO 112	Anatomy & Physiology	3	3	4
MLT 101	Introduction to MLT	1	3	2
MLT 105	Medical Microbiology	3	3	4
MLT 115	Immunology	2	3	3
MLT 130	Clinical Chemistry	3	3	<u>4</u>
				17
SPRING SEMESTER				
ENG 101	English Composition	3	0	3
MAT 120	Probability and Statistics	3	0	3
MLT 120	Immunoematology	3	3	4
MLT 110	Hematology	3	3	4
MLT 230	Advanced Clinical Chemistry	3	3	<u>4</u>
				18
SUMMER TERM				
MLT 108	Urinalysis and Body Fluids	2	3	3
MLT 205	Advanced Microbiology	3	3	4
MLT 210	Advanced Hematology	3	3	4
SPC 205	Public Speaking	3	0	<u>3</u>
				14

SECOND YEAR

FALL SEMESTER				
XXX ###	General Elective	3	0	3
XXX ###	Humanities Elective	3	0	3
MLT 251	Clinical Experience I	0	15	5
MLT 252	Clinical Experience II	0	15	<u>5</u>
				16
SPRING SEMESTER				
MLT 241	Medical Lab Transition	3	0	3
MLT 253	Clinical Experience III	0	15	5
MLT 254	Clinical Experience IV	0	15	5
PSY 201	Organizational Psychology	3	0	<u>3</u>
				16

Total Program Hours: 81

* See table on page 2.

C – class hours per week

L – lab hours per week