

<b>Program:</b> Medical Laboratory Technician (70 credits)	<b>Division:</b> Health Professions
Please visit our Enrollment Information page for details on the Selective Admissions process for the Medical Laboratory Technician program.	Catalog Year: 2020-21

PREREQUISITES					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	CSS-103	College Success Strategies	3		All & OL
	MAT-110	Intermediate Algebra	3	MAT 035 with a grade of "C" or better; COM 098 or EAP 050 and EAP 060	All
	CHE-120	Principles of Chemistry	4	MAT 030 with a "C" or better	Fall/Sp
	BIO-140 or BIO-150	Essentials of Biology or Biology I	4	MAT 020 with a C or better; CHE 120 or high school Chemistry with a "C" or better; COM 098; MAT 030	All

SEMESTER I – Fall (18 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	COM-121	English Composition I	3	COM 098 or EAP 050 and EAP 060 with grades of "C" or better	All/OL
	BIO-250	Anatomy & Physiology I	4	BIO 140 (recommended) or BIO 150 with a "C" or better	All
	MLT-110	Introduction to the Clinical Laboratory	1	COM 098 or EAP 050 and EAP 060; MAT 020	Fall
	CHE-150	Chemistry I	4	CHE 120 or high school chemistry with a "C" or better, MAT 110 with a "C" or better	Fall
	MAT-210	Statistics	3	MAT 030, MAT 032, or MAT 035 with a "C" or better; COM 098 or EAP 050 and EAP 060	All/OL
	IFT-110	Microcomputer Applications	3	COM 098 or EAP 050 and EAP 060	All/OL

SEMESTER 2 – Spring (16 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	COM-151 COM-141	Fundamentals of Speech or Technical Writing	3	COM 098 or EAP 050 and EAP 060 COM 121 or COM 122 with "C" or better	All/OL
	BIO-255	Anatomy & Physiology II	4	BIO 250 with a "C" or better	All
	MLT-120	Basic Immunology	3	Advanced biology within 5 years or BIO 140 or higher; COM 097 or EAP 020 and EAP 040	Spring
	HEA-220	Clinical Implication of Lab Tests	1	COM 098 or EAP 060 and EAP 050	Spring
	CHE-250	Organic Chemistry I	4	CHE 150 with a "C" or better	Spring
	CHE-251	Chemistry of Biomolecules	1	BIO 150 or advanced high school biology; co-req. CHE 250	Spring

SEMESTER 3 – Fall (17 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	CHE-260	Theory of Chemical Instrumentation	3	CHE 150	Fall
	BIO-280	Microbiology	4	BIO 140 or BIO 150 with a "C" or better; CHE 120 or high school chemistry with a "C" or better; COM 098 or EAP 050 and EAP 060	All
	MLT-211	Clinical Laboratory Techniques	4	MLT 120 and admission to the clinical portion of the MLT program	Fall
	PHI-271 or PHI-275	Introduction to Philosophy Introduction to Ethics	3	COM 121 or COM 122	All/OL
	SOC-130 or PSY-130	Sociology General Psychology	3	COM 098 or EAP 050 and EAP 060	All/OL

INTERIM JANUARY SESSION (2 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	MLT-222	Clinical Urinalysis	1	MLT 211; co-req. MLT-223	Interim
	MLT-233	Clinical Serology	1	MLT 211; co-req. MLT-222	Interim

SEMESTER 4 – Spring (17 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	MLT-220	Clinical Hematology/Coagulation	5	MLT 211; co-req MLT 221, MLT 230, MLT 231	Spring
	MLT-221	Clinical Chemistry	4	MLT 211; co-req MLT 220, MLT 230, MLT 231	Spring
	MLT-230	Clinical Blood Banking & Immunology	4	MLT 211; co-req MLT 220, MLT 221, MLT 231	Spring
	MLT-231	Clinical Microbiology	4	MLT 211; co-req MLT 220, MLT 221, MLT 230	Spring

Date created: September 2020	Updated: March 2021	All = Fall/Spring/Summer OL = Online
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