



2025FA A 45420

**MEDICAL LABORATORY TECHNOLOGY**  
**A.A.S. Degree**  
**PROGRAM PLANNING GUIDE**

**CURRICULUM BY SEMESTER**

**Course Number and Title**

**HOURS PER WEEK**

**First Semester**

		<u>CLASS</u>	<u>LAB</u>	<u>CLINIC</u>	<u>CREDIT</u>
MLT 110	Introduction to Medical Lab Technology	2	3	0	3
MLT 118	Medical Laboratory Chemistry	3	0	0	3
MLT 140	Introduction to Microbiology	2	3	0	3
BIO 163	Basic Anatomy and Physiology	4	2	0	5
MLT 111	Urinalysis and Body Fluids	1	3	0	2
MLT 115	Laboratory Calculations	2	0	0	2
		14	11	0	18

**SECOND SEMESTER**

MLT 120	Hematology/Hemostasis I	3	3	0	4
MLT 130	Clinical Chemistry I	3	3	0	4
MLT 240	Special Clinical Microbiology	2	3	0	3
MLT 125	Immunohematology I	4	3	0	5
		12	12	0	16

**FIRST SUMMER SEMESTER**

MAT 143	Quantitative Literacy	2	2	0	3
MLT 220	Hematology/Hemostasis II	2	3	0	3
MLT 254	MLT Practicum I	0	0	12	4
		4	5	12	10

**THIRD SEMESTER**

MLT 230	Clinical Chemistry II	2	3	0	3
MLT 280	Special Practice Lab	0	3	0	1
ENG 111	Writing and Literacy	3	0	0	3
CIS 110	Introduction to Computers	2	2	0	3
MLT 266	MLT Practicum II	0	0	18	6
		7	8	18	16

**FOURTH SEMESTER**

*Humanities/Fine Arts Elective		3	0	0	3
MLT 217	Professional Issues	0	3	0	1
COM 120	Introduction to Interpersonal Communication	3	0	0	3
PSY 150	General Psychology	3	0	0	3
MLT 276	MLT Practicum III	0	0	18	6
		9	3	18	16

**TOTAL GRADUATION REQUIREMENT: 76 SEMESTER CREDIT HOURS**

**NOTES:**

\* Choose one of the following: (Preferred Course: HUM 115 Critical Thinking)

- ART 111 Art Appreciation; ART 114 Art History Survey I; ART 115 Art History Survey II
- HUM 115 Critical Thinking
- MUS 110 Music Appreciation; MUS 112 Introduction to Jazz
- PHI 215 Philosophical Issues; PHI 240 Intro to Ethics

\*\* Please see an advisor for alternative Humanities/Fine Arts Elective courses that may be accepted prior to registering for the course.

\*\*\* A grade of "C" or better is required for all curriculum courses in the Medical Laboratory Technology Degree.

**This program planning guide is for advising purposes and is subject to change. Only the Registrar can clear students for graduation.**

Date Revised: May 2025

Program of Study Approval Date: 03/22/2013, 11/02/2020

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