

# HEALTH SCIENCES

## MEDICAL LABORATORY TECHNOLOGY

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.

### Medical Laboratory Technology Degree - A45420

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#### First Semester

MLT 110	Introduction to MLT .....	3
MLT 118	Medical Lab Chemistry.....	3
MLT 140	Introduction to Microbiology .....	3
BIO 163	Basic Anatomy and Physiology.....	5
MLT 111	Urinalysis and Body Fluids.....	2
MLT 115	Laboratory Calculations .....	2

#### Second Semester

MLT 120	Hematology/Hemostasis I .....	4
MLT 130	Clinical Chemistry I .....	4
MLT 240	Special Clinical Microbiology.....	3
MLT 125	Immunohematology I .....	5

#### First Summer Semester

MAT 143	Quantitative Literacy .....	3
MLT 220	Hematology/Hemostasis II .....	3
MLT 254	MLT Practicum I .....	4

#### Third Semester

MLT 230	Clinical Chemistry II .....	3
MLT 280	Special Practice Lab .....	1
ENG 111	Writing and Inquiry .....	3
CIS 110	Introduction to Computers.....	3
MLT 266	MLT Practicum II .....	6

#### Fourth Semester

*Humanities/Fine Arts Elective .....	3	
MLT 217	Professional Issues .....	1
MLT 276	MLT Practicum III .....	6
ENG 112	Writing/Research in the Disciplines.....	3
PSY 150	General Psychology .....	3

**Graduation Requirements ..... 76 Credit Hours**

**A grade of "C" or better must be earned in each curriculum courses in the Medical Laboratory Technology Program.**