

Medical Laboratory Technology

Health Sciences



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ABOUT THIS FIELD

The Medical Laboratory Technology curriculum prepares students 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.



WHAT YOU'LL STUDY

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.



WHAT YOU CAN DO

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


 **Southwestern**
COMMUNITY COLLEGE

PROGRAM START DATES:

Refer to college catalog for deadline dates

FOR MORE INFORMATION CONTACT:

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CLASSES YOU'LL NEED TO TAKE

ASSOCIATE IN APPLIED SCIENCE (AAS) - A45420

Total Semester Hour Credits: 68

FALL SEMESTER 1

Prefix	Number	Title	Class	Lab	Clinical	Credit
ACA	111	College Student Success	1	0	0	1
CHM	130	General, Organic & Biochemistry	3	0	0	3
CHM	130A	General, Organic & Biochem. Lab	0	2	0	1
ENG	111	Writing & Inquiry	3	0	0	3
MAT	143	Quantitative Literacy	2	2	0	3
MLT	110	Introduction to MLT	2	3	0	3
MLT	116	Anatomy & Medical Terminology	5	0	0	5
		Totals	16	7	0	19

SPRING SEMESTER 1

MLT	111	Urinalysis & Body Fluids	1	3	0	2
MLT	120	Hematology/Hemostasis I	3	3	0	4
MLT	126	Immunology & Serology	1	2	0	2
MLT	140	Introduction to Microbiology	2	3	0	3
MLT	253	MLT Practicum I (Phlebotomy Clinic)	0	0	9	3
		Totals	7	11	9	14

SUMMER SEMESTER

ENG	114	Professional Research and Reporting	3	0	0	3
HUM	110	Technology & Society	3	0	0	3
		Totals	6	0	0	6

FALL SEMESTER 2

MLT	127	Transfusion Medicine	2	3	0	3
MLT	130	Clinical Chemistry I	3	3	0	4
MLT	220	Hematology/Hemostasis II	2	3	0	3
MLT	240	Special Clinical Microbiology	2	3	0	3
PSY	150	General Psychology	3	0	0	3
		Totals	12	12	0	16

SPRING SEMESTER 2

MLT	215	Professional Issues	1	0	0	1
MLT	265	MLT Practicum II	0	0	15	5
MLT	277	MLT Practicum III	0	0	24	8
		Totals	1	0	39	14