Somerset Community College

Program Overview

Medical Laboratory Technician

Physician's Office Laboratory Certificate and Phlebotomy for the Healthcare Worker Certificate

somerset.kctcs.edu

ADVISOR

Donna Ratliff,
Program Coordinator
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PROGRAM DETAILS

The Medical Laboratory Technician program at Somerset Community College prepares graduates to work in a clinical laboratory within a hospital, health care facility or in an industrial laboratory. Students collect patient specimens and perform tests in such areas as blood banking, clinical chemistry, hematology, microbiology, serology, and urinalysis.

Students are eligible to earn a certificate in Physician's Office Laboratory and a certificate in Phlebotomy upon completion of the required courses. Graduates are also prepared to take the Board of Certification exam as a Medical Laboratory Technician.

The students enrolled in the MLT Program for an Associate in Applied Science Degree are eligible for the certificates as well as the degree. Students do not have to be admitted to the MLT program to complete these certificates. There will be a limited number of spaces in the courses for the certificates due to available laboratory space.

PROGRAM ACCREDITATION:

The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) accredits the Somerset Community College Medical Laboratory Technician Program.
Address:
5600 N. River Road,
Rosemont, IL 60018-5119,
(773) 714-8880

ADDITIONAL CRITERIA:

Upon admittance the student must submit the following materials prior to beginning clinical experiences:

- Evidence of receiving the Hepatitis B vaccine series or a vaccine declination form
- TB skin test or chest X-Ray
- Immunization records
- Criminal background check
- Drug screening

TECHNICAL STANDARDS:

- Adequate visual acuity
- Sufficient strength, gross motor, and fine motor coordination
- Sufficient verbal and written communication skills
- Sufficient intellectual, emotional, and physical functions to plan and implement laboratory duties responsibly.

MEDICAL LABORATORY TECHNICIAN CREDENTIALS:

ASSOCIATE IN APPLIED SCIENCE DEGREE:
Medical Laboratory Technician
(68 credit hours)

CERTIFICATES:

- Phlebotomy for the Healthcare Worker* (5 credit hours)
- Physician's Office Laboratory* (9 credit hours)

** Certificates are KCTCS certificates, not accredited by NAACLS. Additional requirements are necessary for national phlebotomy certification.*

ADMISSIONS PROCESS:

The following materials must be submitted to the Admissions/Records office by April 1:

- Application for admission to SCC
- Official high school transcript or a passing GED official score report
- Transcripts of all post-secondary education or training
- Results of the ACT examination report
- Letter written to the MLT Program Coordinator stating intent to be admitted to the program must be submitted to the MLT Coordinator's office by April 1
- Attending a pre-admission conference

ADMISSION CRITERIA:

Preference may be given to applicants with:

- ACT composite score of 19 or higher
- Ranking in upper half of their graduating class or with score of 50 or above on GED
- Cumulative 2.5 GPA or higher taking full time load
- Kentucky resident
- Successful completion of Phlebotomy for Healthcare Worker and Physician's Office Laboratory Certificate
- Successful completion of developmental course work

Somerset
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Advising Planner
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REQUIRED COURSES FOR CLINICAL LABORATORY TECHNICIAN ASSOCIATE OF APPLIED SCIENCE DEGREE

GENERAL EDUCATION REQUIREMENTS (30 HOURS)		Credit	Grade
ENG 101	Writing I	3	_____
MAT 110	Applied Mathematics	3	_____
BIO 135	Basic Anatomy & Physiology w/Lab	4	_____
PSY 110	General Psychology	3	_____
BIO 225	Medical Microbiology w/Lab	4	_____
CHE 130	Introduction to Chemistry	4	_____
	Heritage/Humanities	3	_____
	Oral Communications	3	_____
	Computer Literacy	3	_____

TECHNICAL COURSES REQUIRED (38 HOURS)			
MLT 101	Introduction to Clinical Laboratory Techniques	3	_____
MLT 112	Urinalysis	2	_____
MLT 115	Serology	2	_____
MLT 205	Clinical Microbiology I	3	_____
MLT 206	Clinical Microbiology II	2	_____
MLT 215	Hematology I	4	_____
MLT 216	Hematology II	3	_____
MLT 227	Immunohematology	4	_____
MLT 233	Clinical Chemistry I	3	_____
MLT 234	Clinical Chemistry II	2	_____
MLT 278	Practicum I	4	_____
MLT 279	Practicum II	4	_____
PHB 151	Phlebotomy	1	_____
PBH 152	Phlebotomy Clinical Experience	1	_____

TOTAL HOURS FOR PROGRAM – 68

REQUIRED COURSES FOR PROGRAM CERTIFICATES

(Students who successfully complete the AAS in MLT also earn both certificates)

Phlebotomy for the Healthcare Worker

		Credit
MLT 101	Introduction to Clinical Laboratory Techniques	3
PHB 151	Phlebotomy	1
PHB 152	Phlebotomy: Clinical Experience	1

TOTAL HOURS FOR CERTIFICATE – 5

Physician's Office Laboratory

		Credit
MLT 101	Introduction to Clinical Laboratory Techniques	3
PHB 151	Phlebotomy	1
PHB 152	Phlebotomy: Clinical Experience	1
MLT 112	Urinalysis	2
MLT 115	Serology	2

TOTAL HOURS FOR CERTIFICATE – 9

SEMESTER COURSE LISTING FOR AAS IN MLT

Class	(Alternative)	Credit
FIRST YEAR FALL (18 HOURS)		
MLT 101	(_____)	_____
ENG 101	(_____)	_____
MAT 110	(_____)	_____
BIO 135	(_____)	_____
CHE 130	(_____)	_____
PHB 151	(_____)	_____
FIRST YEAR SPRING (18 HOURS)		
MLT 115	(_____)	_____
MLT 112	(_____)	_____
MLT 215	(_____)	_____
BIO 225	(_____)	_____
Heritage/Humanities	(_____)	_____
PSY 110	(_____)	_____
SUMMER SEMESTER (6 HOURS)		
Oral Communications	(_____)	_____
Computer Literacy	(_____)	_____
SECOND YEAR FALL (14 HOURS)		
MLT 205	(_____)	_____
MLT 227	(_____)	_____
MLT 233	(_____)	_____
MLT 278	(_____)	_____
SECOND YEAR SPRING (12 HOURS)		
MLT 206	(_____)	_____
MLT 216	(_____)	_____
MLT 234	(_____)	_____
MLT 279	(_____)	_____
PHB 152	(_____)	_____

TOTAL HOURS FOR PROGRAM – 68

STUDENT _____ ID NO. _____ DATE _____

SIGNATURE _____ ADVISOR _____