

Medical Laboratory Technician

Phlebotomy for the Healthcare Worker Certificate

Somerset Community College
Program Overview

somerset.kctcs.edu

ADVISOR

Donna Ratliff, Program Coordinator
(606) 451- 6845
donna.ratliff@kctcs.edu
SCC's Somerset Campus
Alton Blakley Building – Room 305

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 Phlebotomy for the Healthcare Worker 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 certificate as well as the degree. Students do not have to be admitted to the MLT program to complete this certificate. There will be a limited number of spaces in the courses for the certificate 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

TECHNICAL STANDARDS (ESSENTIALS):

The medical laboratory technician specializes in the application of scientific knowledge and theory in the skillful performance of medical laboratory functions.

Therefore, to be considered for admission or to be retained in the program after admission, all applicants should possess:

- Adequate visual acuity and color perception, such as is needed to perform microscopic examinations, distinguish color reaction and to detect antigen antibody reactions.
- Sufficient strength, gross 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)

CERTIFICATE:

- Phlebotomy for the Healthcare Worker
(5 credit hours)

ADMISSIONS PROCESS:

The following materials must be submitted to the Admissions/Records office by May 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 May 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 the Healthcare Worker
- Successful completion of developmental course work

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



SOMERSET
COMMUNITY COLLEGE

Medical Laboratory Technician

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Somerset Community College
Advising Planner

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REQUIRED COURSES FOR CLINICAL LABORATORY TECHNICIAN ASSOCIATE OF APPLIED SCIENCE DEGREE

GENERAL EDUCATION REQUIREMENTS (30 HOURS) Credit

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 CERTIFICATE

(Students who successfully complete the AAS in MLT earn the certificate)

PHLEBOTOMY FOR THE HEALTHCARE WORKER

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

TOTAL HOURS FOR CERTIFICATE – 5

SEMESTER COURSE LISTING FOR AAS IN MLT

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

Notes: