

Medical Laboratory Technician A.A.S.

In cooperation with Montgomery County Community College

The Medical Laboratory Technician Associate Degree program, through an agreement with Montgomery County Community College, is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS) and abides by the standards and guidelines set forth by the agency.

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This program is intended primarily to educate technicians for work in clinical, diagnostic laboratories. Medical Laboratory Technicians perform tests under the direction of a physician who specializes in diagnosing the causes and nature of disease. Medical Laboratory Technicians also work under the supervision of scientists doing research on new drugs or the improvement of laboratory techniques. Graduates may seek employment with hospitals, independent laboratories, physicians, clinics, public health agencies, pharmaceutical firms, research institutions and industrial laboratories.

The student from Lehigh Carbon Community College who has successfully completed specific general education requirements at LCCC and specific program requirements at MCCC may be granted sophomore-level standing and admission to the Medical Laboratory Technician Program per stated selective admission requirements at Montgomery County Community College. The student must see advisor or transfer counselor.

Montgomery County Community College (MCCC) will accept and grant credit for Lehigh Carbon Community College's courses that are listed as equivalent if the student has completed the course with a grade of "C" or higher.

Program Competencies:

- Follow established procedures for collection and processing biological specimens for analysis and perform assigned analytical tests or procedures.
- Recognize factors that affect measurements and results and take appropriate action according to predetermined protocols; recognize abnormal results, correlate them with disease processes, and refer them to designated supervisory personnel.
- Operate instruments within the scope of training utilizing established protocols and quality control checks, recognizing equipment malfunctions and notifying supervisory personnel when appropriate.
- Report information such as test results, reference range and specimen requirements to authorized sources.
- Perform routine quality control and maintain accurate records. Recognize out-of-control results and notify supervisory personnel.
- Demonstrate a professional attitude in interpersonal communication skills with patients, peers, supervisors, other health care professionals and the public.

Lehigh Carbon Community College equivalent courses to transfer:

ENG 105	Research and Composition	3
ENG 111	Speech	3
SOC 150	Introduction to Sociology	3
PHI 201	Introduction to Philosophy	
or PHI 205	Introduction to Ethics	3
Elective	Studio Art Elective	3
Credit Total		15

The following courses are to be taken at MCCC prior to the selective admission process:

BIO 130*	Intro Anatomy and Physiology	4
MLT 110	Introduction for the MLT	4
CHE 131	Chemistry for the Technologies I	4
MLT 123	Immunohematology Lecture	2
MLT 124	Immunohematology Lab	1
MLT 125	Hematology Lecture	2
MLT 126	Hematology Lab	1
CHE 132	Chemistry for the Technologies II	4
BIO 141	Clinical Microbiology I	4
MLT 233	Clinical Chemistry Lecture	3
MLT 234	Clinical Chemistry Lab	2
MLT 235	Clinical Practicum in MLT I	3
BIO 241	Clinical Microbiology II	4
BIT 124	Molecular Techniques	2
MLT 244	Professional Issues in MLT	2
MLT 245	Clinical Practicum in MLT II	6
MLT 246	MLT Seminar	1
Credit Total		49

*BIO 130 - Intro to Anatomy and Physiology at Montgomery County Community College can be substituted by BIO 163 - Anatomy and Physiology I and BIO 164 - Anatomy and Physiology II if a "C" is earned in both courses.



See page 16 for special program admission requirements pertaining to this program.