

# Medical Laboratory Technician



## What is the Medical Laboratory Technician Program?

The Medical Laboratory Technician (MLT) Program prepares students for practice as entry-level medical laboratory technicians by providing a curriculum that will address pre-analytical, analytical, and post-analytical components of laboratory services. The MLT program is designed to allow students to graduate with an AAS degree in two years. Three semesters will be spent doing coursework and one semester will be split between coursework and clinical rotations at affiliated clinical facilities.

## What does a medical laboratory technician do?

Medical laboratory technicians collect, process, and analyze biological specimens and other substances in all areas of the clinical laboratory to provide scientific information needed in diagnosis, prognosis, and treatment of disease.

## Where do medical laboratory technicians work?

Medical Laboratory Technicians are important members of healthcare teams. The medical laboratory technician can choose from a variety of employment opportunities, including hospital laboratories, physicians' offices and clinics, public health facilities, and research institutions.

## Is the Medical Laboratory Technician program accredited?

HCC is accredited by the Middle States Association of Colleges and Schools, and is a member of the American Association of Community Colleges. The MLT program will be seeking the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) accreditation.

## Will I be eligible to take a national credentialing exam?

Students who successfully complete the MLT program at HCC are eligible to sit for the Medical Laboratory Technician certification examination through the American Society of Clinical Pathology (ASCP), the American



Board of Bioanalysis (ABB), and the American Medical Technologists (AMT).

## Does HCC assist with job placement?

HCC has a workplace learning advisor to provide assistance to improve student job search skills.

## Why should I choose HCC?


- HCC offers lower tuition and fees compared to other area programs.
- Clinical/Laboratory education is completed in state-of-art healthcare facilities offering a wide range of medical laboratory services.
- HCC's Middle States accreditation allows students to transfer their credits to another educational institution.
- Medical Laboratory Technician (MLT) courses are taught by faculty with many years of experience in the field.
- Networking advantages as program faculty members are employed from a variety of healthcare facilities in the area.

## What are the program admission requirements?

Admission to HCC does not guarantee admission the MLT program. The requirements listed must be completed and submitted to the Office of Admissions and Enrollment before the first day of class.

1. Official transcripts from all colleges attended.

## PROGRAM OPTIONS

-  A.A.S. Degree, Medical Laboratory Technician

## CAREER OUTLOOK

### MEDIAN SALARY

**\$61K**

for  
Clinical Laboratory  
Technicians

### EMPLOYMENT



329,200 jobs in U.S.  
7% growth in next 10  
years

(source: [www.bls.gov/ooh](http://www.bls.gov/ooh))

2. Completion of MAT 090, MAT 095, and RDG 095, or satisfactory results on placement tests.
3. Attend mandatory orientation session.
4. Must be able to meet the program's technical standards.
5. Must have a current American Health Association BLS Provider certification or American Red Cross BLS for Healthcare Providers certification.
6. Foreign education students must have their college and high school transcripts evaluated by World Education Services (WES).

## How long does it take to complete the program?

Completion time depends on whether the student attends full or part-time. If the student attends full-time, the program can be completed in four semesters. The above time frame is based on the student meeting all prerequisite standards.

## What are the estimated costs for the medical laboratory technician program?

A list of the estimated costs for the medical laboratory program can be viewed at [www.hagerstowncc.edu/mlt](http://www.hagerstowncc.edu/mlt).

### What are the program requirements?

Students are expected to achieve a minimum grade of 75% or higher in all MLT program requirements to progress to the next semester of the program.

### Technical Standards

There are technical standards and skill requirements which students are expected to possess and demonstrate in order to be successful in this program. More information on these standards can be found at [www.hagerstowncc.edu/health-sciences](http://www.hagerstowncc.edu/health-sciences).

### Vaccine Requirements

Several immunizations are required as part of your health documentation, including: HepB 3 vaccine series AND Positive immunity titer, Tetanus (Tdap) within last 10 years, Varicella 2 vaccine series AND positive immunity titer, MMR 2 vaccine series AND positive immunity titer, and the Flu vaccine (fall and spring), and the COVID-19 vaccine. Since many individuals fail to maintain immunity over time, you may be required to repeat vaccination series/ receive a booster in order to demonstrate positive immunity. Positive immunity titers are required to proceed with clinical or externship rotations in all Health Sciences Programs. It is the student's responsibility to verify immunity prior to the start of the program and take the necessary steps to ensure positive immunity by the health documentation deadline provided to each cohort.

### Additional Information

Additional information on program requirements including criminal background checks, drug screening, and externship site placement can be found online at [www.hagerstowncc.edu/mlt](http://www.hagerstowncc.edu/mlt).

A.A.S. Degree

## Medical Laboratory Technician

### First Year – Fall Semester I

BIO 116	Human Anatomy & Physiology for Allied Health .....	4
CHM 101	Introductory College Chemistry .....	4
ENG 101	English Composition .....	3
OR		
ENG 112	Technical Writing I .....	3
MAT 114	Introduction to Applied Algebra .....	3
MLT 101	Introduction to Medical Laboratory Technician .....	3

### First Year – Spring Semester I

BIO 205	Microbiology .....	4
MLT 110	Hematology & Hemostasis .....	4
MLT 111	Immunology & Molecular Diagnostics .....	3
MLT 112	Clinical Chemistry .....	4

### Second Year – Fall Semester II

MLT 202	Clinical Microbiology .....	4
MLT 203	Urinalysis & Body Fluids .....	2
MLT 204	Mycology, Parasitology & Virology ...	2
MLT 205	Immunohematology/Serology .....	3
Gen Ed	Behavioral/Social Sciences .....	3

### Second Year – Spring Semester II

MLT 210	MLT Clinical Practicum .....	8
Gen Ed	Arts & Humanities .....	3
Gen Ed	Diversity .....	3
COM 103	Public Speaking .....	3
OR		
COM 108	Introduction to Human Communications .....	3

**Degree Requirement** **63**

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[www.hagerstowncc.edu/mlt](http://www.hagerstowncc.edu/mlt)

