

# Medical Laboratory Technology

*Associate in Applied Science*

The Medical Laboratory Technology Program at Southern West Virginia Community and Technical College was developed to fulfill southern West Virginia's need for qualified Medical Laboratory Technicians (MLT).

There is a growing demand for Medical Laboratory Technicians in West Virginia as well as the country. These professional and competent laboratory personnel who are certified to examine and analyze laboratory specimens are essential to the delivery of quality health care. Although graduates generally work in hospitals, clinics, or doctor's offices, opportunities also exist in commercial or pharmaceutical industries, scientific research, and infection control in both the public and private sectors. Southern's program aims at helping students attain the basic knowledge and skills necessary to begin their career in the field of Medical Laboratory Technology. For a better understanding of the physical and mental requirements related to the job performance duties of this profession, students should review the MLT Program's technical/academic standards.

The full Medical Laboratory Technology Program is available on the Logan Campus. The Boone/Lincoln, Williamson, and Wyoming/McDowell campuses offer the program support courses only.

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**2010 National Average Pay: \$46,680 per year per year** ([www.bls.gov](http://www.bls.gov))

**Job Opportunities: Medical Laboratory Technician**



*Most Affordable Tuition in the State | Career Planning Services | Financial Aid Available*

**(866) 798.2821 ♦ [southernwv.edu](http://southernwv.edu)**

**FOSTER ♦ HAMLIN ♦ MOUNT GAY ♦ SAULSVILLE ♦ WILLIAMSON**

*Accredited by the Higher Learning Commission of the NCASC, Southern WVCTC is an EOE, ADA, AA Institution.*



## ***Recommended Sequence***

### **FIRST YEAR - FIRST SEMESTER**

BS 124	Anatomy and Physiology I	4
CH 203	Fundamentals of General, Organic and Biological Chemistry	4
ML 101	Clinical Hematology	5
MT	MT 128 (Algebra from Allied Health) or higher	3

**Total Semester Hours: 16**

### **FIRST YEAR - SECOND SEMESTER**

BS 125	Anatomy and Physiology II	4
EN 101	English Composition I	3
ML 102	Clinical Chemistry	5
ML 103	Immunohematology and Serology	5

**Total Semester Hours: 17**

### **SUMMER**

ML 200	Phlebotomy Practicum	1
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**Total Semester Hours: 1**

### **SECOND YEAR - FIRST SEMESTER**

	Choose SO 200 or PY 218	3
AH 203	Communications for Healthcare Professionals	1
CS 103	Introduction to Applications	1
ML 201	Urinalysis and Body Fluids	2
ML 202	Clinical Microbiology	5

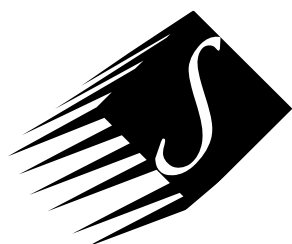
**Total Semester Hours: 12**

### **SECOND YEAR - SECOND SEMESTER**

ML 205	MLT Seminar	2
ML 210	MLT Clinical Practicum	12

**Total Semester Hours: 14**

**TOTAL PROGRAM HOURS: 60**



Southern West Virginia Community and Technical College offers over 40 programs that lead to an associate degree. For full-time students, associate degrees can usually be earned in four semesters. Certificate programs are also available, which require significantly fewer credit hours to complete.