

## Medical Laboratory Technology

Associate in Applied Science

60 Credit Hours

### Purpose

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.

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

For a better understanding of the physical and mental requirements related to the job performance duties of this profession, students should review the Medical Laboratory Technology Program's technical/academic standards.

First Semester	Title	Credit Hours
BS 124	^Human Anatomy and Physiology I	4
<sup>1</sup> CH 203	~Fundamentals of Chemistry	4
ML 100	Introduction to Clinical Laboratory Operations	2
ML 101	Clinical Hematology	5
<sup>2</sup> ML 104	Laboratory Applications	2
		17
Second Semester	Title	Credit Hours
BS 125	^Human Anatomy and Physiology II	4
<sup>2</sup> EN 101 or EN 101A	~English Composition I	3
ML 102	Clinical Chemistry	5
ML 103	Immunohematology and Serology	5
		17
Summer Semester	Title	Credit Hours
ML 200	Phlebotomy Practicum	1
		1
Third Semester	Title	Credit Hours
<sup>1</sup> AH 203	Communication Skills for the Health Care Professional	1
ML 201	Urinalysis and Body Fluids	2
ML 202	Clinical Microbiology	5
PY 218 or SO 200	~Life-Span Developmental Psychology or ~Introduction to Sociology	3
		11
Fourth Semester	Title	Credit Hours
ML 205	MLT Seminar	2
ML 210	MLT Clinical Practicum	12
		14

~ Designates courses on the statewide Core Coursework Transfer Agreement.

^ Denotes course equivalency.

<sup>1</sup>Students planning to continue their studies toward a BS in Medical Laboratory Science are advised to take ^CH 213, ^CH 214, and ~SP 103 in place of or in addition to these courses or consult the institution to which you plan to transfer.

<sup>2</sup>Students planning to continue their studies toward a BS in Medical Laboratory Science are advised to take ~MT 130 and ~EN 102 or ~EN 201 in addition to these courses or consult the institution to which you plan to transfer.

Dean: 304.896.7365

Program Coordinator: 304.896.7369

Administrative Secretary: 304.896.7385