



## 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, student should review the Medical Laboratory Technology Program's technical/academic standards.

Dept/No.	Title	Credit Hours
<b>Support Courses</b>		
AH 203	Communication Skills for the Health Care Professional	1
BS 124	~Human Anatomy and Physiology I	4
BS 125	~Human Anatomy and Physiology II	4
<sup>1</sup> CH 203	~Fundamentals of Chemistry	4
EN 101 or EN 101A	~English Composition I	3
<sup>1</sup> MT 128 or higher	Algebra for Allied Health	3
PY 218	~Life-Span Developmental Psychology	3
or	or	
SO 200	~Introduction to Sociology	
	<sup>2</sup> CS Elective	1
<b>Major Courses</b>		
ML 101	Clinical Hematology	5
ML 102	Clinical Chemistry	5
ML 103	Immunohematology and Serology	5
ML 200	Phlebotomy Practicum	1
ML 201	Urinalysis and Body Fluids	2
ML 202	Clinical Microbiology	5
ML 205	MLT Seminar	2
ML 210	MLT Clinical Practicum	12

<sup>1</sup>Students planning to continue their studies toward a BS degree in MLT are advised to take ~CH 213, ~CH 214, and ~MT 130 in place of these courses or consult the institution to which you plan to transfer.

<sup>2</sup>Any 1 hour Computer Science course may be used to fulfill the elective requirement.

~ Designates courses on the statewide Core Coursework Transfer Agreement.

A program course sequence is available at <http://www.southernwv.edu/programs/medical-laboratory-technology>

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