

## Paramedic Science

Associate in Applied Science

60 Credit Hours

### Purpose

Southern's Paramedic Science Program prepares students to be competent entry-level paramedics. The nationwide demand for paramedics continues to rise while the numbers have declined. Today's paramedics must have a firm grasp of anatomy and physiology, the pathologies of numerous disease processes, kinematics of trauma, pharmacology, basic and advanced life support skills and procedures, and have the ability to apply this knowledge to all age groups. Furthermore, the paramedic must be a leader, able to gain control of the often chaotic scene environment, be a team leader, able to communicate with patients and family members and intelligently with physicians and other hospital personnel. Upon successful completion of the program, students will be ready to provide pre-hospital care to the ill or injured patient following the guidelines of standard patient care. The use of various web sites is a vital part of this program used in documentation of clinical rotations and course work.

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

Dept/No.	Title	Credit Hours
<b>Support Courses</b>		
AH 108	Medical Terminology	2
AH 200	Health Care Ethics and Law	1
AH 203	Communication Skills for the Health Care Professional	1
BS 118	Essentials of Humans Systems for Allied Health	4
BU 115	Business Mathematical Applications	3
CS 103	Introduction to Applications	1
EN 101 or EN 101A	~English Composition I	3
<b>Major Courses</b>		
EM 101	Airway Management	3
EM 102	Introduction to EMS	3
EM 114	Pre-hospital Pharmacology	3
EM 116	Cardiopulmonary	5
EM 117	Medical Emergencies	4
EM 118	Patient Assessment	3
EM 119	Trauma/Shock/Management	3
EM 120	Coordinated Clinical Internship I	3
EM 121	Pathophysiology for the EMS Provider	1
EM 215	EMS Seminar	3
EM 216	Assessment Based Management	1
EM 217	Special Considerations	4
EM 218	Rescue Operations	4
EM 219	Coordinated Field Internship	2
EM 220	Coordinated Clinical Internship II	3

~ Designates courses on the statewide Core Coursework Transfer Agreement.

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

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