

Paramedic Science Mission Statement

The mission of the Paramedic Science Program at Southern West Virginia Community Technical is to provide competent, qualified entry-level EMS personnel to meet the needs of current and future agencies in and around southern West Virginia.

Paramedic Science Program Vision Statement

Southern West Virginia Community and Technical College will be the leader in southern West Virginia. The EMS students will become the leaders to help West Virginia emergency services grow and prosper in the ever-changing 21st century of patient care.

Paramedic Science Program Outcomes

Current NHTSA Educational Standard Program Outcomes

The student will:

1. Integrates comprehensive knowledge of EMS systems, safety/well-being of the paramedic, and medical/legal and ethical issues, which is intended to improve the health of EMS personnel, patients, and the community across the lifespan and special needs.
2. Integrates a complex depth and comprehensive breadth of knowledge of the anatomy and physiology, and pathophysiology of all human systems in order to develop a plan of care that maintains a patent airway for all patients.
3. Integrates comprehensive anatomical and medical terminology and abbreviations into written and oral communication with colleagues and other health care professionals.
4. Applies fundamental knowledge of principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention.
5. Integrates comprehensive knowledge of pharmacology to formulate a treatment plan intended to mitigate emergencies and improve the overall health of the patient.
6. Integrates scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression. This includes developing a list of differential diagnoses through clinical reasoning to modify the assessment and formulate a treatment plan.

7. Integrates assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint.

8. Synthesize comprehensive knowledge of causes and pathophysiology into the management of cardiac arrest and peri-arrest states. Integrates comprehensive knowledge of the causes and pathophysiology into the management of shock, respiratory failure or arrest with an emphasis on early intervention to prevent arrest.

9. Integrates assessment findings with principles of epidemiology and pathophysiology to formulate a field impression to implement, prevent arrest, and develop a treatment/disposition plan for an acutely injured patient.

Paramedic Science Motto

“These things I do, that others may live.”