

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: HLT 119

Credits: 3

Course Title: First Responder

Course Description: Provides knowledge and proficiency in basic life support and in actions necessary to minimize patient discomfort and prevention of further complications. Meets requirements for Virginia certification as a first responder. Equivalent to EMS 101. Prerequisite: CPR certification at the health care provider level. Lecture 3 hours per week.

General Course Purpose: Prepares students for certification as a Virginia and National Registry Emergency Medical Responder. The Emergency Medical Responder/First Responder (EMR/FR) program provides training in the provision of emergency care for those who are likely to be the first medical personnel responding to the scene of an accident, fire, or medical emergency. The emphasis of the course prepares the responder to address immediate life threats and injuries until more highly trained personnel are available. This course serves as a general education personal wellness elective.

Course Prerequisites and Co-requisites:

Prerequisite: CPR certification at the health care provider level

Course Objectives:

Upon completing the course, the student will be able to:

- a. Evaluate and assess the sick and injured;
- b. Apply correct bandages and proper use of multiple splints;
- c. Care for airway and breathing difficulties;
- d. Care for and treat mass trauma and triage patients; and
- e. Complete proper packaging of patients.

Major Topics to Be Included:

- a. EMS systems
 1. Research
 2. Workforce safety and wellness
- b. Documentation
- c. Communication
 1. EMS system communication
 2. Therapeutic communication
- d. Medical/legal and ethics
- e. Anatomy and physiology
 1. Medical terminology
 2. Pathophysiology
- f. Life span development
- g. Public health
- h. Principles of pharmacology
- i. Airway management
- j. Respiration

- k. Artificial ventilation
- l. Assessment
 - 1. Scene size-up
 - 2. Primary assessment
 - 3. Patient history taking
 - 4. Secondary assessment
 - 5. Monitoring devices
 - 6. Reassessment
- m. Medical overview
 - 1. Neurology
 - 2. Abdominal and gastrointestinal disorders
 - 3. Immunology
 - 4. Infectious diseases
 - 5. Endocrine disorders
 - 6. Psychiatric
 - 7. Cardiovascular
 - 8. Toxicology
 - 9. Respiratory
 - 10. Genitourinary/renal
 - 11. Gynecology
 - 12. Diseases of the eyes, ears, nose, and throat
- n. Shock and resuscitation
- o. Trauma
 - 1. Bleeding
 - 2. Chest trauma

Effective Date of Course Content Summary: Fall 2014