

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number : EMS 167 Credits: 1
Emergency Pediatrics Course (EPC)

defined by the National Association of Emergency Medical Technicians. Requires Current Virginia EMT and CPR certification as appropriate. 1 hour per week.

General Course Purpose:

Provides the knowledge and skills that promote the student's ability to be responsible for the assessment and management of a wide variety of emergencies.

Course Prerequisites and Co-requisites:

Prerequisite: Current Virginia EMT and CPR certification
EMS

Student Learning Outcomes:

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

- Explain the anatomical, physiological, and developmental differences in children and how they affect the child's responses to illness and injury.
- Describe how the Pediatric Assessment Triangle can act as a critical tool to guide the approach to and evolution of pediatric assessment and treatment.
- Discuss the assessment and management of newborns, infants and children suffering from: airway and breathing problems, hypoperfusion and shock, trauma, common medical problems, cardiac disease, special medical needs or child abuse and neglect.
- Describe the principles of family-centered care and how they can be applied to benefit children, their families and the medical providers caring for them.

Major Topics to Be Included:

- a. Understanding pediatric patients
- b. Airway, breathing, and oxygenation
- c. Cardiac emergencies
- d. Child abuse and neglect
- e. Common medical emergencies
- f. The importance of family
- g. Hypoperfusion and shock
- h. Newborn resuscitation
- i. Pediatric trauma

j. Special health care needs

Effective Date/Updated: September 21, 2018