

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: EMS 136 **Credits:** 1

Course Title: Emergency Medical Care Lab

Course Description:

Focuses on specific skills related to the assessment and management of common medical emergencies. Prerequisites: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS. EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128.

Corequisite: EMS 135. Laboratory 2 hours. Total 2 hours per week. 1 credit

General Course Purpose:

The purpose of this course is to gain practical experience and demonstrate the principles of care and management of patients complaining of medical emergencies.

Course Prerequisites and Co-requisites:

Prerequisites: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS. EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128.

Corequisite: EMS 135.

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Demonstrate integration of scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression, including developing a list of differential diagnoses through clinical reasoning to modify the assessment and formulate a treatment plan;
- Demonstrate integration of 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; and
- Integrate medical assessment, intravenous therapy, intraosseous therapy, and multiple routes of medication administration within the context of comprehensive patient management.

Major topics to Be Included:

- a. Assessment of a Patient with a Medical Complaint
 - Perform assessments on patients complaining of medical-related emergencies in scenarios in lab setting
 - Clinical reasoning
 - Differential diagnoses

- b. Treatment of Patient with a Medical Complaint
 - Develop treatment plan based on complaint
 - Implement treatment plan
 - Perform skills related to administration of treatment

c. Communication and Behavior

- Effectively communicate with the patient
- Effectively communicate with team members
- Maintain composure and professionalism of a team leader

Effective Date/Updated: September 21, 2018