

**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

**Co-requisites:**

: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128. EMS 135.

**Learning Outcomes:**

Upon completing the course, the student will be able to

1. 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 implement a treatment plan;

2. Demonstrate integration of assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and implement a comprehensive assessment/ disposition plan for a patient with a medical complaint; and

3. Demonstrate medical assessment, intravenous therapy, intraosseous therapy, and multiple routes of medication administration within the context of comprehensive patient management.

**Topics to Be Included:**

Assessment of a Patient with a Medical Complaint

Perform assessments on patients complaining of medical-related emergencies in various scenarios in lab setting

Clinical reasoning

Differential diagnoses

Management 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