

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

Course Prefix and Number: EMS 184 **Credits:** 1

Course Title: Advanced Medical Care Laboratory

Course Description:

Focuses on specific skills related to the assessment and management of common medical emergencies as outlined by the National Emergency Medical Service Education Standards (NEMSES) within the Advanced EMT curriculum. Laboratory 2 hours. Total 2 hours per week.

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:

Prerequisite: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS program.

Corequisite: EMS 183: Advanced Medical Care

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.
- Integrate medical assessment, intravenous therapy, intraosseous therapy, and multiple routes of medication administration within the context of patient management.

Major Topics to Be Included:

- Assessment of a Patient with a Medical Complaint
 - Perform assessments on patients complaining of medical-related emergencies in scenarios in the lab setting
 - Clinical reasoning
 - Differential diagnoses
- Treatment of Patient with a Medical Complaint
 - Develop a treatment plan based on complaint
 - Implement treatment plan
 - Perform skills related to the administration of treatment
- Communication and Behavior
 - Effectively communicate with the patient
 - Effectively communicate with team members

Effective Date/Updated: June 5, 2024