

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

Course Prefix and Number: EMS 186 **Credits:** 1

Course Title: Advanced Trauma Care Laboratory

Course Description:

Focuses on specific skills related to the assessment and management of trauma 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 Trauma emergencies.

Course Prerequisites and Co-requisites:

Prerequisite: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS. Corequisite: EMS 185: Advanced Trauma Care Laboratory

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 Trauma 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 Trauma Complaint
 - Perform assessments on patients complaining of Trauma-related emergencies in scenarios in the lab setting
 - Clinical reasoning
 - Differential diagnoses
- Treatment of Patient with a Trauma 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