

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

Course Prefix and Number: EMS 182 **Credits:** 1

Course Title: Advanced Airway and Shock Management Lab

Course Description:

Examines assessment and management of trauma emergencies as outlined by the National Emergency Medical Service Education Standards (NEMSES) within the Advanced EMT curriculum. Provides students with specific skills related to airway, resuscitation and shock management. Laboratory 2 hours. Total 2 hours per week.

General Course Purpose:

The purpose of this course is to teach the Advanced EMT student the principle skills of airway management, resuscitation techniques and care of a patient in shock.

Course Prerequisites and Co-requisites:

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

Co-requisite: EMS 181: Advanced Airway and Shock Management

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Techniques of assuring a patent airway
- Assessment and management of adequate and inadequate respiration
- Supplemental oxygen therapy
- Assessment and management of adequate and inadequate ventilation
- Treatment of shock, hypoperfusion and dehydration
- The use Circulatory assist devices
- Peri-arrest, Post resuscitation support, and Termination of resuscitation techniques.

Major Topics to Be Included:

None

Effective Date/Updated: June 5, 2024