

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

Course Prefix and Number: EMS 226 **Credits:** 2

Course Title: Paramedic Patient Care Laboratory II

Course Description:

Covers the skills related to the depth of medical and trauma conditions as outlined by the National Emergency Medical Service Education Standards (NEMSES) for Paramedics. Part II of II. Laboratory 4 hours. Total 4 hours per week.

General Course Purpose:

The purpose of this course is to expand on the knowledge and skills learned in EMS 223 and EMS 224.

Course Prerequisites and Co-requisites:

Prerequisite: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS. Corequisite: EMS 225: Paramedic Patient Care II.

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Interact with patients with special challenges or cultural differences in a scenario.
- Demonstrate competency in the management of a patient on a ventilator.
- Familiarize the student with the use of ultrasound.
- Apply the concepts of lab value evaluation to patient assessment.
- Provide comprehensive patient care in a variety of scenarios.

Major Topics to Be Included:

- Comprehensive Patient Assessment
- Medical disorders
- Trauma disorders
- Patients in special population
- Comprehensive Patient Care
- Pharmacological interventions
- Integrating paramedic procedures
- Clinical reasoning
- Therapeutic communication
- Cultural considerations
- Special challenges

Effective Date/Updated: June 5, 2024