

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

Course Prefix and Number: EMS 224 **Credits:** 1

Course Title: Paramedic Patient Care I Laboratory

Course Description:

Covers the skills related to the breadth of medical and trauma conditions as outlined by the National Emergency Medical Service Education Standards (NEMSES) for Paramedics. Part I of II. Laboratory 2 hours. Total 2 hours per week.

General Course Purpose:

The purpose of this course is to develop and assess the student's knowledge, understanding, analysis and application of patient care in a practical setting.

Course Prerequisites and Co-requisites:

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

Corequisite: EMS 223: Paramedic Patient Care I

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Provide care of pediatric patients complaining of respiratory distress/failure in a scenario.
- Provide care of geriatric patients presenting with signs and symptoms of a stroke in a scenario.
- Provide care of patients with obstetric or gynecologic complaints in a scenario.
- Provide care of neonatal patients requiring resuscitation during delivery in a scenario.
- Provide care of pediatric patients with a traumatic injury in a scenario.
- Provide care of adult patients with a traumatic injury in a scenario.
- Provide care of geriatric patients with signs and symptoms of sepsis in a scenario.
- Demonstrate the ability to perform surgical cricothyrotomy.
- Interact with patients with special challenges or cultural differences in a scenario.
- Provide care for patients complaining of any of the following complaints: Chest pain; overdose; abdominal pain; allergic reaction/anaphylaxis; hypoglycemia/DKA/HHNS; psychiatric; seizure; shock.

Major Topics to Be Included:

- Patient Assessment
 - Medical patient
 - Trauma patient
 - Patients in special populations
- Patient Care
 - Pharmacological interventions
 - Paramedic-level skills
 - Clinical reasoning
- Therapeutic communication

- Cultural considerations
- Special challenges

Effective Date/Updated: June 5, 2024