

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

Course Prefix and Number: EMS 204

Credits: 2

Course Title: Advanced Patient Care Lab

Course Description: Focuses on the comprehensive assessment and management of out-of-hospital and inter-facility patients using scenario-based learning. Prerequisites: EMS 135, EMS 136, EMS 137, EMS 138, EMS 139, EMS 140, EMS 141, EMS 142. Co-requisite: EMS 203. Laboratory 4 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 comprehensive patient care in a practical setting.

Course Prerequisites and Co-requisites

Prerequisites: EMS 135, EMS 136, EMS 137, EMS 138, EMS 139, EMS 140, EMS 141, EMS 142. Co-requisite: EMS 203.

Major Topics to Be Included:

- a. Comprehensive Patient Assessment
 - Medical patient
 - Trauma patient
 - Patient in special populations
 - Lab values

- b. Comprehensive Patient Care
 - Pharmacological interventions
 - Integrating advanced procedures
 - Clinical reasoning

- c. Therapeutic communication
 - Cultural considerations
 - Special challenges

- d. Advanced Procedures
 - Surgical airway
 - Ventilator management
 - Ultrasound

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