

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

Course Prefix and Number: EMS 247

Credits: 1

Course Title: Paramedic Clinical Experience II

Course Description: Continues the student experience with live patient assessment and management in the clinical setting. It is the second step in a continuum of learning involving live patients that leads to entry-level competence at the paramedic level. Prerequisites: EMS 135, EMS 136, EMS 137, EMS 138, EMS 139, EMS 140, EMS 141, EMS 142, EMS 175. Laboratory 3 hours.

General Course Purpose: Continues the clinical experience for the Paramedic student in a supervised, direct patient contact setting.

Course Prerequisites and Co-requisites:

Prerequisites: EMS 135, EMS 136, EMS 137, EMS 138, EMS 139, EMS 140, EMS 141, EMS 142, EMS 175

Student Learning Outcomes:

Upon completion of the course, students will be able to

- a. Perform a trauma assessment on a minimum of six (6) pediatric patients;
- b. Perform a trauma assessment on a minimum of six (6) geriatric patients;
- c. Perform a trauma assessment on a minimum of twelve (12) adult patients;
- d. Perform a medical assessment on a minimum of twelve (12) pediatric patients including a minimum of two (2) patients for each of the following age groups: newborn; infant; toddler; preschool; school-aged; adolescent;
- e. Perform a medical assessment on a minimum of twelve (12) geriatric patients;
- f. Perform a medical assessment on a minimum of twenty-four (24) adult patients;
- g. Perform a minimum of one (1) medical assessment for each of the following patient complaints: stroke/TIA; acute coronary syndrome; cardiac dysrhythmia; respiratory distress/failure; Hypoglycemia/DKA/HHS; sepsis; shock; toxicological event/OD; altered mental status; abdominal pain; chest pain;
- h. Perform a minimum of four (4) medical assessments of a patient complaining of a psychiatric-related issue;
- i. Establish an IV on a minimum of ten (10) patients in the clinical setting within 100% accuracy;
- j. Administer a medication via intramuscular route in the clinical setting;
- k. Administer a medication via subcutaneous route in the clinical setting;
- l. Administer a medication via inhaled route in the clinical setting;
- m. Perform endotracheal intubation in the clinical setting; and
- n. Assist with the delivery of a newborn in the clinical setting.

Major Topics to Be Included:

- a. Safety Concepts
 - Safety assessment
 - Personal protective equipment
 - Infectious disease prevention

- b. Patient Assessment
 - Comprehensive medical assessment-Adult
 - Comprehensive medical assessment-Pediatric
 - Comprehensive medical assessment-Geriatric
 - Comprehensive trauma assessment-Adult
 - Comprehensive trauma assessment-Pediatric
 - Comprehensive trauma assessment-Geriatric
 - Comprehensive assessment of a pregnant patient

- c. Isolated Skills
 - Establish IV
 - Intravenous therapy
 - Intramuscular injections
 - Subcutaneous injection
 - Inhaled medications
 - Endotracheal Intubation
 - Delivery of a newborn

- d. Communication and Documentation
 - Therapeutic communication with patient
 - Professional interaction with other health care professionals
 - Patient advocacy
 - Documentation

Date Created/Updated (Month, Day, Year): September 24, 2018