

## **NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY EMS 204 – ADVANCED PATIENT CARE LAB (2 CR.)**

### **Course Description**

Focuses on the comprehensive assessment and management of out-of-hospital and inter-facility patients using scenario-based learning. Laboratory 4 hours. Total 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/Corequisites**

Corequisite: EMS 203

### **Course Objectives**

Upon completing the course, the student will be able to:

- a) Provide care of a pediatric patient complaining of respiratory distress/failure in a scenario.
- b) Provide care of an adult patient with cardiac dysrhythmia/cardiac arrest in a scenario.
- c) Provide care of a geriatric patient presenting with signs and symptoms of a stroke in a scenario.
- d) Provide care of a patient with an obstetric or gynecologic complaint in a scenario.
- e) Provide care of a neonatal patient requiring resuscitation during delivery in a scenario.
- f) Provide care of a pediatric patient with a traumatic injury in a scenario.
- g) Provide care of an adult patient with a traumatic injury in a scenario.
- h) Provide care of a geriatric patient with signs and symptoms of sepsis in a scenario.
- i) Demonstrate the ability to perform surgical cricothyrotomy.
- j) Demonstrate competency in the management of a patient on a ventilator.
- k) Demonstrate competency in the use of ultrasound.
- l) Apply the concepts of lab value evaluation to patient assessment.
- m) Interact with patients with special challenges or cultural differences.
- n) Provide care for a minimum of two (2) 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**

- a) Comprehensive Patient Assessment
  - a. Medical patient
  - b. Trauma patient
  - c. Patient in special populations
  - d. Lab values
- b) Comprehensive Patient Care
  - a. Pharmacological interventions
  - b. Integrating advanced procedures
  - c. Clinical reasoning
- c) Therapeutic communication
  - a. Cultural considerations
  - b. Special challenges
- d) Advanced Procedures
  - a. Surgical airway
  - b. Ventilator management
  - c. Ultrasound