

## **NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY EMS 136 – EMERGENCY MEDICAL CARE LAB (1 CR.)**

### **Course Description**

Focuses on specific skills related to the assessment and management of common medical emergencies. Laboratory 2 hours. Total 2 hours per week.

### **General Course Purpose**

The purpose of this course is gain practical experience and demonstrate the principles of care and management of patients complaining of medical emergencies.

### **Course Prerequisites/Corequisites**

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

Corequisite: EMS 135.

### **Course Objectives**

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

- a) Demonstrate integration of scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression, including developing a list of differential diagnoses through clinical reasoning to modify the assessment and formulate a treatment plan.
- b) Integrate medical assessment, intravenous therapy, intraosseous therapy, and multiple routes of medication administration within the context of comprehensive patient management.

### **Major Topics to be Included**

- a) Assessment of a Patient with a Medical Complaint
  - a. Perform assessments on patients complaining of medical related emergencies in scenarios in lab setting
  - b. Clinical reasoning
  - c. Differential diagnoses
- b) Treatment of Patient with a Medical Complaint
  - a. Develop treatment plan based on complaint
  - b. Implement treatment plan
  - c. Perform skills related to administration of treatment
- c) Communication and Behavior
  - a. Effectively communicate with the patient
  - b. Effectively communicate with team members
  - c. Maintain composure and professionalism of a team leader