

## Course Outcomes Assessment

**Course Title: EMS 151 Introductions to Emergency Medical Services**

**Date: Fall 2013**

**Program Team: Chris Amos**

### **Expected Learning Outcomes:**

- Integrate chief complaint, history, physical exam, and diagnostic tests using the diagnostic approach in order to formulate a treatment plan for the patient.
- Describe different methods of critical thinking, as related to paramedic assessment and diagnosis.
- Explain the laws, rules, regulations, policies, procedures, protocols, and standing orders of the paramedic's organization so care can be rendered in an ethical manner.
- Describe the types of consent that is legally required prior to providing EMS care.
- Identify the legal and ethical concerns of medication administration in the United States.
- Demonstrate proper technique in performing intravenous cannulation, as well as oral, sublingual, intramuscular, subcutaneous, and intravenous medication administration.
- Describe the attributes and behaviors required of an EMS professional
- Explain various methods of organizing information gathered during a paramedic call.
- Recognize the impact of culture, values, and belief systems in order to prepare the student for success in a health care profession.

### **Assessment** (How do or will students demonstrate achievement of each outcome?)

In-Class Quizzes	= 30%
Midterm Exam	= 30%
Participation/Attendance	= 10%
Final Exam	= 30%

### **Validation** (What methods have you used or will you use to validate your assessment?)

Students must pass each course with a 70% or greater, receive satisfactory marks in laboratory/clinical skills and affective domain in order to continue with program.

### **Results** (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)

17/24 students completed the course with 70% or higher.

Student Evaluations and Faculty Observation results reflected the need to change instructors for this course. Further assessment is planned to commence in Fall of 2014.

**Follow-up** (How have you used or how will you use the data to improve student learning?)

Evaluation of exam scores and NREMT certification results will be used to evaluate outcomes success and the need for additional resources.

**Budget Justification** (What resources are necessary to improve student learning?)

No changes needed.