Course Outcomes Assessment

Course Title: EMS 161 Airway Management

Date: Fall 2013

Program Team: Donnie Lehman

Expected Learning Outcomes:
- Recognize signs and symptoms of airway compromise, respiratory distress and respiratory failure
- Demonstrate the steps of assessing the respiratory system
- Integrates comprehensive knowledge of anatomy, physiology, and pathophysiology into the assessment to develop and implement a treatment plan with the goal of ensuing a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
- Describe the characteristics of drugs used to affect the pulmonary system
- Describe the pharmacology of agents commonly used in medication-assisted intubation.
- Integrate patient assessment findings, patient history, and knowledge of anatomy, physiology, pathophysiology, and basic and advanced life support interventions to recognize and manage patients with pulmonary disorders
- Given a variety of scenarios of patients requiring airway management, including patients with a difficult airway, intervene to establish an effective airway and ventilation.
- Demonstrate safe technique in orotracheal and nasotracheal intubation, placement of supraglottic devices, needle and surgical cricothyrotomy, and use of various intubation adjuncts such as the Glidescope and bougie.
- Compare the ventilation techniques used for an adult patient to those used for pediatric patients, and describe special considerations in airway management and ventilation for the pediatric patient.
- Accurately and completely document relevant information about assessment and management of the airway, ventilation, and oxygenation in patient care reports.
- Describe the indications, contraindications, advantages, disadvantages, complications, equipment, and techniques for the use of the advanced airway devices and techniques.

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

Skills	Pass or Fail
Midterm	= 30%
Quizzes	= 20%
Participation/Attendance	= 10%
Final Exam	= 40%

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?)

20/24 students obtained a 70% or higher in the course.

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.