

COURSE OUTLINE

Emergency Medical Technician-Skills Evaluation

Course Description

AH 212. Emergency Medical Technician-Skills Evaluation. 3 hours credit. Prerequisite: 17 years of age, becoming current on immunizations and concurrent enrollment in AH 110 Emergency Medical Technician-Basic. This course will enable the student to provide assessment and pre-hospital emergency care to patients experiencing trauma or medical emergencies utilizing guidelines from the National Standard Curriculum and the Kansas Authorized Activities for the EMT. The student will practice and be evaluated on the skills required for the assessment and management of traumatic and medical emergencies. Kansas Enrichments for EMT-B, Multi-Casualty Incident (MCI), Extrication, Hazardous Materials, Basic Fire Fighting, Weather Spotting, Weapons of Mass Destruction, and Pediatric Education for the Prehospital Professional (PEPP), are included. The students will be evaluated in the field and clinical setting. This course can be taken for continuing education hours for the EMT.

Course Relevance

The skills learned in this course are intended to enable the student to adequately assess a sick or injured patient and provide the appropriate EMT level interventions. Successful completion of the EMT-Skills Evaluation and the EMT-Basic course will allow the student to challenge the exams to become a Kansas and National Registered EMT.

Required Materials

All required materials for this course will be provided to the student in the form of handouts.

Learning Outcomes

The intention is for the student to be able to

1. Verbalize the appropriate scene size up
2. Demonstrate a proper initial assessment and verbalizes an appropriate priority and transport decision
3. Perform the appropriate focused history and physical exam, detailed physical exam as appropriate and verbalizes any ongoing assessment that is needed
4. Demonstrate proper use of airway adjuncts, oxygen therapy and ventilation devices, application of splints, wound care, CPR, use of an AED, and other techniques used in the EMT level management of a sick or injured patient
5. Verbalize the appropriate indications, contraindications, administration techniques, documentation and reassessment of EMT level medications

Primary Learning PACT Skills that will be DEVELOPED and/or documented in this course

Through the student's involvement in this course, he/she will develop his/her ability in the follow PACT skill areas:

1. Problem Solving

- The student will be given a contrived experience either of a trauma or a medical situation.

Secondary skills (developed but not documented):

Leadership

Teamwork

Critical Thinking

Nonverbal Communication

Major Summative Assessment Task(s)

These learning outcomes and the primary Learning PACT skills will be demonstrated by:

1. Verbalizing what is needed to make the scene safe and what additional resources will be needed. The student will direct the assessment and management, of the patient, prepare the patient for transport, simulate the radio report and document their patient information, their assessment findings and all interventions taken.

Course Content

- I. Themes – Key recurring concepts that run throughout this course:
 - A. Verbalizing scene and personal safety issues
 - B. Demonstration of patient assessment and patient management skills
- II. Issues – Key areas of conflict that must be understood in order to achieve the intended outcome:
 - A. Demonstration of the patient assessment needed for various types of patients.
 - B. Demonstration of proper application of EMT level medical equipment
 - C. Personal safety vs. patient care
- III. Concepts – Key concepts that must be understood to address the issues:
 - A. The importance of scene safety to the rescuer, patient and others
 - B. Proper decision making skills on treatment and movement of the patient
- IV. Skills/Competencies - Actions that are essential to achieve the course outcomes:
 - A. Demonstrate component skills
 - B. Assessment and management of patient scenarios
 - C. Field technologies

Learning Units

- I. Preparatory
 - A. Baseline vital signs and sample history
 - B. Lifting and moving patients
 - C. Cardio-pulmonary resuscitation, foreign body airway obstruction, automated defibrillators
- II. Airway

- A. Manual methods of opening the airway and airway adjunctive equipment
 - B. Ventilation devices and techniques
 - C. Kansas Enrichment advanced airway techniques
- III. Patient assessment
- A. Scene size up and initial assessment skills
 - B. Focused history and physical exam of trauma patients
 - C. Focused history and physical exam of medical patients
- IV. Medical/behavioral emergencies and obstetrics and gynecology
- A. Assessment and management skills
 - B. Use of EMT level medications
 - C. Kansas Enrichment and approved medication activities
- V. Trauma
- A. Assessment and management skills
 - B. Kansas Enrichment of pneumatic anti-shock garment

Learning Activities

Learning activities will be geared toward practicing and completing the necessary skills needed to function as an EMT. The clinical experience and a wide variety of evaluation tools will be utilized to check component skill development and overall patient management skills with the goal of giving the student every opportunity to successfully complete the class, complete the certification process and function as an EMT.

Grade Determination

The student will be graded on acquisition of the necessary skills to function as an EMT. This will include class participation, skills evaluations and passing a comprehensive skills final examination.