

EASTERN ARIZONA COLLEGE

Emergency Medical Technician

Course Design
2017-2018

Course Information

Division Allied Health
Course Number EMT 103
Title Emergency Medical Technician
Credits 9
Developed by Evelyn Hallford
Lecture/Lab Ratio 8 Lecture/3 Lab

Transfer Status

ASU	NAU	UA
Non Transferable	Elective Credit	Non Transferable

Activity Course No
CIP Code 51.0904
Assessment Mode EMS Platinum Standardized National Exam (150 Questions/300 Points)
Semester Taught Fall and Spring
GE Category None
Separate Lab Yes
Awareness Course No
Intensive Writing Course No

Prerequisites

Admission to Eastern Arizona College's EMT Program.

Educational Value

This course meets community needs by making candidate eligible for certification as an EMT.

Description

Introductory course for students to learn skills to recognize and properly treat illness and injury in the pre-hospital setting. Successful completion of the course leads to the opportunity to test for certification by the National Registry of EMT's and the Arizona Department of Health Services. A total of 12 hours of clinical experience and 12 hours of vehicular experience will be scheduled in the Emergency Department and on the ambulance to provide direct, hands-on experience with a variety of patients.

Supplies

Stethoscope
 Approved uniform/ID badge

Competencies and Performance Standards

1. Obtain knowledge of the Emergency Medical Services System.

Learning objectives

What you will learn as you master the competency:

- a. Acquaint self with topics in the current National EMS Education Standards (NEMSES) curriculum.
- b. Acquaint self with emergency procedures and policy.
- c. Accept responsibility for personal well-being and practice and follow safety guidelines.
- d. Perform the skills in the current National EMS Education Standards (NEMSES) curriculum.

Performance Standards

You will demonstrate your competence:

- o by completing quizzes at the end of each unit
- o by performing practical exercises

Your performance will be successful when:

- o learner discusses the topics in the current National EMS Education Standards (NEMSES) curriculum
- o learner performs skills in the current National EMS Education Standards (NEMSES) curriculum

2. Obtain knowledge necessary to provide Emergency Medical Care.

Learning objectives

What you will learn as you master the competency:

- a. Discuss topics in the current National EMS Education Standards (NEMSES).
- b. Perform the skills in the current NEMSES curriculum.

Performance Standards

Competence will be demonstrated:

- o by performing practical exercises
- o by completing skills tested in National Registry Practical Skills Examination
- o by completing formal assessments

Criteria - Performance will be satisfactory when:

- o learner discusses the topics in the current NEMSES curriculum
- o learner performs skills in the current NEMSES curriculum
- o learner provides acceptable oral and/or written responses to questions and/or situations asked by the instructor, while working on the task requirements listed in related learning plan
- o learner actively participates in the task requirements listed in the related learning plan
- o learner attends required class and lab sessions and shows up on time

3. Improve the care of the sick and injured by first response personnel.

Learning objectives

What you will learn as you master the competency:

- a. Identify and care for a patient in need of basic life support.
- b. Use mechanical aids to breathing and circulation.
- c. Identify and treat a patient in shock.
- d. Identify and treat injuries to the head, chest, abdomen and genitalia.
- e. Identify and treat soft tissue injuries.
- f. Stabilize and splint muscular-skeletal injuries in the extremities.
- g. Identify and treat injuries to the skull, brain, neck and spine.
- h. Identify and treat a patient with metabolic emergency.
- i. Identify and treat a patient with toxicological emergency.
- j. Identify signs and symptoms of patients with a communicable disease.
- k. Identify and treat gynecologic and obstetrical emergencies.
- l. Identify and treat pediatric emergencies to include Sudden Infant Death Syndrome (SIDS).
- m. Identify and treat patients with behavioral emergencies.
- n. Identify and treat environmental emergencies.
- o. Apply techniques used in lifting, moving, positioning, or extricating patients as to minimize discomfort and additional injury.

Performance Standards

Competence will be demonstrated:

- o by performing practical exercises
- o by completing the National Registry Practical Skills Examination
- o by completing the written exam for the course

Criteria - Performance will be satisfactory when:

- o learner passes the NREMT Practical Skills Exam
- o learner passes the written exam with a score of 75% or higher

4. Develop and practice a uniformly, high level of proficiency in emergency medical care.

Learning objectives

What you will learn as you master the competency:

- a. Identify and use equipment assigned to ambulance and rescue vehicles.
- b. Triage and categorize patient care by priorities in a simulated disaster.
- c. Respond to a simulated hazardous incident and identify management procedures.
- d. Identify and treat the pulseless patient including the use of the semi-automatic defibrillator.
- e. Assess the site of a peripheral intravenous infusion to determine patency of the line or infiltration.
- f. Monitor the rate of delivery of an intravenous infusion solution.

Performance Standards

Competence will be demonstrated:

- by performing practical exercises
- by completing the National Registry Practical Skills Examination
- by completing the written exam for the course

Criteria - Performance will be satisfactory when:

- learner passes the NREMT Practical Skills Exam
- learner passes the written exam with a score of 75% or higher

Types of Instruction

Classroom presentation

Interactive skills labs

Student group scenarios

Clinical observation/practice

Vehicular observation/practice

Grading Information

Grading Rationale

Practical exams

Skills practice/lab participation

Written examinations/final exam

Weekly quizzes

Clinical/vehicular experience

Affective evaluation

Grading Scale

A 92-100%

B 83-91%

C 75-82%

F 0-74.9%