

# EASTERN ARIZONA COLLEGE

## Emergency Medical Technician Refresher

Course Design  
2015-2016

**Course Information**

**Division** Allied Health  
**Course Number** EMT 161  
**Title** Emergency Medical Technician Refresher  
**Credits** 2  
**Developed by** Evelyn Hallford  
**Lecture/Lab Ratio** 2 Lecture/0 Lab

**Transfer Status**

ASU	NAU	UA
Non-Transferable	Elective Credit	Non-Transferable

**Activity Course** No  
**CIP Code** 51.0904  
**Assessment Mode** Pre/Post Test (150 Questions/150 Points)  
**Semester Taught** Spring  
**GE Category** None  
**Separate Lab** No  
**Awareness Course** No  
**Intensive Writing Course** No

**Prerequisites**

Current CPR card issued by American Heart Association (Health Care Provider) or American Red Cross (Professional Rescuer). CPR card may be expired within one year as a new AHA BLS card will be issued after completion of the course. Proof of current state or NREMT certification. Expired certification is acceptable as long as it is less than two years expired prior to start of class. Failed attempt on NREMT exam is also acceptable. The prospective student will submit documentation of the prerequisites with the completed Proof of Prerequisites Form to the Records and Registration Office prior to the start of the class.

**Description**

This course is designed to meet National Registry and Arizona Bureau of EMS (BEMS) recertification requirements for the EMT. Enhances the knowledge base of the Emergency Medical Technician (EMT) and reinforces basic skill competencies. BLS for Healthcare Providers will also be completed during the course and a CPR card issued upon completion.

**Supplies**

None

## **Competencies and Performance Standards**

### **1. Maintain proficiency as an EMT.**

#### **Learning objectives**

*What you will learn as you master the competency:*

- a. Describe the scope of the duties of the basic emergency medical technician.
- b. Describe the medical/legal aspects and quality improvement components in EMT – Basic patient care.
- c. Identify and perform the processes of initial and ongoing assessment, the detailed physical exam, focused history and vital signs.
- d. Identify significant findings in objective C that indicate an emergency in any of the following categories: medical, environmental, traumatic, or surgical.

#### **Performance Standards**

*Competence will be demonstrated:*

- o by performing practical exercises
- o by completing the National Registry Practical Skills Examination

*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

### **2. Use resources to update knowledge.**

#### **Learning objectives**

*What you will learn as you master the competency:*

- a. Discuss the topics in the current Arizona Basic EMT Refresher Curriculum.
- b. Perform the skills in the current Arizona Basic EMT Refresher Curriculum.

#### **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 discusses the topics in the current Arizona Basic EMT Refresher Curriculum
- o learner performs the skills in the current Arizona Basic EMT Refresher Curriculum
- o learner passes the NREMT Practical Skills Exam
- o learner passes the written exam with a score of 75% or higher

### **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 for 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. Maintain 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:*

- 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

### ***Types of Instruction***

Classroom presentation & demonstration

Student participation

Practical exercises

### ***Grading Information***

Successful completion of the EMT 161 course requires a grade of Pass on all final practical skills and at least 75% on the final written exam on the first attempt. The final exam consists of 150 multiple choice questions. Following successful completion of all final practical skills and the written exam, a grade of pass will be given as the final grade for the course. \*See note below

### ***Grading Rationale***

A practical skills exam and a written exam will be administered. Student will be required to pass all practical skills. Student will be required to pass the written exam with a grade of 75% or higher in order to pass the course. Passing both the skills exam and the written exam is necessary in order to pass the course and receive credit.

### ***Grading Scale***

Practical skills exam:

Practical skills exam will be graded on a pass/fail scale. Students are required to obtain a grade of pass on ALL practical skills in order to pass the course. A grade of pass requires at least 80% of the total points possible for the skill without violating any listed critical criteria. Students will be given a total of three attempts to complete a practical skill. Students who fail any final practical skill three times must repeat the EMT 161 course. Students who fail four or more of the final practical skills must also repeat the EMT 161 course.

Written exam:

A	90-100%
B	80-89%
C	75-79%
F	74% and below
P	Pass

\*Passing of the skills and written exam will denote an overall passing grade for the course. If a letter grade is desired for the course, the final grade on the written exam will be the final grade given for completion of the course. Student must notify the instructor at the beginning of the course if a letter grade is desired.