

**EASTERN ARIZONA COLLEGE**  
**Pediatric Advanced Life Support**  
**Course Design**  
**2013-2014**

**Course Information**

**Division** Allied Health  
**Course Number** EMT 221  
**Title** Pediatric Advanced Life Support  
**Credits** 1  
**Developed by** Mark Kempton  
**Lecture/Lab Ratio** 1 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 (33 Questions/33 Points)  
**Semester Taught** Upon Request  
**GE Category** None  
**Separate Lab** No  
**Awareness Course** No  
**Intensive Writing Course** No

**Prerequisites**

None

**Educational Value**

This course is a required course in the EMT-Paramedic program. Fulfills the needs of local health care providers for Pediatric Advanced Life Support certification.

**Description**

This course is designed to provide guidance to prehospital care providers in the management of pediatric emergencies. The content is focused on advanced life support care for children in emergency situations and expedition of transfer to a facility that can offer definitive care.

**Supplies**

None

## **Competencies and Performance Standards**

### **1. Perform rapid assessment of pediatric patient.**

#### **Learning objectives**

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

- a. Identify points for rapid assessment of pediatric patient.
- b. Demonstrate procedure of making a rapid assessment.

#### **Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the lesson.
- By practical exercises.

*Criteria - Performance will be satisfactory when:*

- Learner identifies points for rapid assessment of pediatric patient.
- Learner demonstrates procedure of making a rapid assessment.

### **2. Perform critical support of vital functions.**

#### **Learning objectives**

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

- a. Demonstrate proper techniques for critical support of respiratory distress and the non breathing patient.
- b. Demonstrate proper techniques for shock and hypotension.

#### **Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the lesson.
- By practical exercises.

*Criteria - Performance will be satisfactory when:*

- Learner demonstrates proper techniques for critical support of respiratory distress and the non breathing patient.
- Learner demonstrates proper techniques for shock and hypotension.

### **3. Perform pediatric life support with appropriate assessment and interventions to ensure adequate ventilation, oxygenation, and perfusion.**

#### **Learning objectives**

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

- a. Make appropriate assessment in pediatric life situations.
- b. Demonstrate proper techniques to ensure adequate ventilation, oxygenation, and perfusion.
- c. Perform newborn resuscitation.

#### **Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the lesson.
- By practical exercises.

*Criteria - Performance will be satisfactory when:*

- Learner makes appropriate assessment in pediatric life situations.
- Learner demonstrates proper techniques to ensure adequate ventilation, oxygenation, and perfusion.
- Learner performs newborn resuscitation.

#### **4. Perform spinal stabilization in caring for traumatically injured patients.**

##### ***Learning objectives***

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

- a. Identify a trauma situation.
- b. Demonstrate proper techniques for spinal stabilization in caring for traumatically injured patients.

##### ***Performance Standards***

*Competence will be demonstrated:*

- On the quiz at the end of the lesson.
- By practical exercises.

*Criteria - Performance will be satisfactory when:*

- Learner identifies a trauma situation.
- Learner demonstrates proper techniques for spinal stabilization in caring for traumatically injured patients.

#### **5. Perform specific therapies necessary to support life and prevent further deterioration.**

##### ***Learning objectives***

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

- a. Demonstrate care for altered level of consciousness.
- b. Demonstrate care for a seizure.
- c. Demonstrate care for a submersion injury.
- d. Demonstrate care for toxic exposure.
- e. Demonstrate care for anaphylaxis.
- f. Demonstrate care for hyperthermia and hypothermia.

##### ***Performance Standards***

*Competence will be demonstrated:*

- On the quiz at the end of the lesson.
- By practical exercises.

*Criteria - Performance will be satisfactory when:*

- Learner demonstrates care for altered level of consciousness.
- Learner demonstrates care for a seizure.
- Learner demonstrates care for a submersion injury.
- Learner demonstrates care for toxic exposure.
- Learner demonstrates care for anaphylaxis.
- Learner demonstrates care for hyperthermia and hypothermia.

**6. Analyze care and prevention for special pediatric conditions.**

**Learning objectives**

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

- a. Describe prevention of sudden infant death syndrome.
- b. Describe care of children with special health care needs.
- c. Describe techniques for pain control.
- d. Describe techniques for pediatric injury prevention.

**Performance Standards**

*Competence will be demonstrated:*

- o On the quiz at the end of the lesson.
- o By practical exercises.

*Criteria - Performance will be satisfactory when:*

- o Learner describes prevention of sudden infant death syndrome.
- o Learner describes care of children with special health care needs.
- o Learner describes techniques for pain control.
- o Learner describes techniques for pediatric injury prevention.

**7. Perform rapid transport to the nearest appropriate facility.**

**Learning objectives**

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

- a. Demonstrate proficiency in EMS services for children, medical direction, and interfacility transport.
- b. Describe appropriate procedures, protocols, guidelines, and algorithms.

**Performance Standards**

*Competence will be demonstrated:*

- o On the quiz at the end of the lesson.
- o By practical exercises.

*Criteria - Performance will be satisfactory when:*

- o Learner demonstrates proficiency in EMS services for children, medical direction, and interfacility transport.
- o Learner describes appropriate procedures, protocols, guidelines, and algorithms.

**Types of Instruction**

Classroom Presentation

Student participation

Practical Exercises

## **Grading Information**

### **Grading Rationale**

Quizzes may be given at various intervals throughout the course but will not count toward the grade. Students must perform assigned activities. A pretest will be administered at the beginning of the course which will not count as part of the final grade. A final exam will be administered and a P/F grade will be given based on the grading scale unless a letter grade is requested.

### **Grading Scale**

- A 93% - 100%
- B 84% - 92%
- C This grade will be given only to students who request a letter grade and failed the test on first attempt requiring remediation. According to AHA guidelines, students must pass with an 84% or higher.
- D This grade will not be given. According to AHA guidelines, students must pass with an 84% or higher.
- F 83% and below.
- P/F This course is appropriate for pass/fail grading. Student must obtain an 84% in order to pass this course.