

**EASTERN ARIZONA COLLEGE**  
**Pediatric Advanced Life Support Renewal**  
**Course Design**  
**2011-2012**

**Course Information**

<b>Division</b>	Allied Health
<b>Course Number</b>	EMT 221A
<b>Title</b>	Pediatric Advanced Life Support Renewal
<b>Credits</b>	0.5
<b>Developed by</b>	Mark Kempton
<b>Lecture/Lab Ratio</b>	0.5 Lecture/0 Lab
<b>Transfer Status</b>	Pending Evaluation
<b>Activity Course</b>	No
<b>CIP Code</b>	51.0904
<b>Assessment Mode</b>	Pre/Post Test (40 Questions/40 Points)
<b>Semester Taught</b>	Upon Request
<b>GE Category</b>	None
<b>Separate Lab</b>	No
<b>Awareness Course</b>	No
<b>Intensive Writing Course</b>	No

**Prerequisites**

None

**Educational Value**

This course is a refresher 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 for renewal of Pediatric Advanced Life Support certification.

**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:*

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

*Criteria - Performance will be satisfactory when:*

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

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

*Criteria - Performance will be satisfactory when:*

- Learner demonstrates proficiency in EMS services for children, medical direction, and interfacility transport.
- 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 intervals throughout the course but will not count toward the grade. A pretest will be administered at the beginning of the course which will not count as part of the final grade. A final written examination (post test) will be given.

**Grading Scale**

A	92-100% of total point value
B	84-91.9% of total point value
C	75-83.9% of total point value
D	67-74.9% of total point value
F	0-66.9% of total point value