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

Course Information
Division Allied Health
Course Number EMT 221A
Title Pediatric Advanced Life Support Renewal
Credits 0.5
Developed by Mark Kempton
Lecture/Lab Ratio 0.5 Lecture/0 Lab
Transfer Status Pending Evaluation
Activity Course No
CIP Code 51.0904
Assessment Mode Pre/Post Test (40 Questions/40 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 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:
   o On the quiz at the end of the lesson.
   o By practical exercises.
   
   **Criteria - Performance will be satisfactory when:**
   o Learner identifies points for rapid assessment of pediatric patient.
   o 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:
   o On the quiz at the end of the lesson.
   o By practical exercises.
   
   **Criteria - Performance will be satisfactory when:**
   o Learner demonstrates proper techniques for critical support of respiratory distress and the non-breathing patient.
   o 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:
   o On the quiz at the end of the lesson.
   o By practical exercises.
Criteria - Performance will be satisfactory when:
  o Learner makes appropriate assessment in pediatric life situations.
  o Learner demonstrates proper techniques to ensure adequate ventilation, oxygenation, and perfusion.
  o 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:
  o On the quiz at the end of the lesson.
  o By practical exercises.

Criteria - Performance will be satisfactory when:
  o Learner identifies a trauma situation.
  o 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:
  o On the quiz at the end of the lesson.
  o By practical exercises.

Criteria - Performance will be satisfactory when:
  o Learner demonstrates care for altered level of consciousness.
  o Learner demonstrates care for a seizure.
  o Learner demonstrates care for a submersion injury.
  o Learner demonstrates care for toxic exposure.
  o Learner demonstrates care for anaphylaxis.
  o 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 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