EASTERN ARIZONA COLLEGE  
ALS Refresher  
Course Design  
2013-2014

Course Information  
**Division**  
Allied Health  
**Course Number**  
EMT 229  
**Title**  
ALS Refresher  
**Credits**  
3  
**Developed by**  
Mark Kempton  
**Lecture/Lab Ratio**  
3 Lecture/0 Lab  

<table>
<thead>
<tr>
<th>Transfer Status</th>
<th>ASU</th>
<th>NAU</th>
<th>UA</th>
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<tr>
<td></td>
<td>Non Transferable</td>
<td>Elective Credit</td>
<td>Non Transferable</td>
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**Activity Course**  
No  
**CIP Code**  
51.0904  
**Assessment Mode**  
Portfolio  
**Semester Taught**  
Upon Request  
**GE Category**  
None  
**Separate Lab**  
No  
**Awareness Course**  
No  
**Intensive Writing Course**  
No

**Prerequisites**  
None

**Educational Value**  
This course is designed to improve the student’s chances of passing the certification examination.

**Description**  
A review course for paramedic students prior to taking the National Registry of Emergency Medical Technicians (NREMT) certification examination. Student must present proof of Arizona Paramedic Certification at the first class meeting.

**Supplies**  
None
Competencies and Performance Standards

1. Describe, define, recognize, and comprehend Paramedic roles and responsibilities.
   
   **Learning objectives**
   
   What you will learn as you master the competency:
   
   a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
   
   b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

   **Performance Standards**

   Competence will be demonstrated:
   
   o On the quiz at the end of the unit.
   
   o By completing the National Registry Practical Skills Examination.

   Criteria - Performance will be satisfactory when:
   
   o Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
   
   o Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

2. Describe, define, recognize, and comprehend EMS system.

   **Learning objectives**

   What you will learn as you master the competency:
   
   a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
   
   b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

   **Performance Standards**

   Competence will be demonstrated:
   
   o On the quiz at the end of the unit.
   
   o By completing the National Registry Practical Skills Examination.

   Criteria - Performance will be satisfactory when:
   
   o Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
   
   o Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

3. Describe, define, recognize, and comprehend medical/legal considerations.

   **Learning objectives**

   What you will learn as you master the competency:
   
   a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
   
   b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
4. Describe, and demonstrate EMS communications.

Learning objectives
What you will learn as you master the competency:

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

5. Describe and demonstrate rescue/vehicular extrication.

Learning objectives
What you will learn as you master the competency:

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum
6. Describe, define, recognize, and comprehend major incident response.

Learning objectives
What you will learn as you master the competency:
- Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:
- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:
- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

7. Describe, recognize, and comprehend stress management skills.

Learning objectives
What you will learn as you master the competency:
- Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:
- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:
- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

8. Describe and comprehend medical terminology.

Learning objectives
What you will learn as you master the competency:
- Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:
- On the quiz at the end of the unit.

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

10. Describe, recognize, comprehend, and demonstrate airway and ventilation practices.

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
11. **Describe, recognize, and comprehend pathophysiology of shock symptoms.**

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

12. **Describe and comprehend general pharmacology skills.**

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

13. **Describe, define, recognize, and comprehend trauma conditions.**

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

14. **Describe, comprehend, and demonstrate burn treatment.**

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

15. **Describe, define, recognize, and comprehend respiratory problems.**

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
16. **Describe, define, recognize, and comprehend cardiovascular problems.**

*Learning objectives*

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

*Performance Standards*

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

17. **Describe, define, recognize, and comprehend endocrine emergencies.**

*Learning objectives*

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

*Performance Standards*

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

18. **Describe, define, recognize, and comprehend nervous system conditions.**

*Learning objectives*

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

*Performance Standards*

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

19. Describe, define, recognize, and comprehend acute abdomen signs.

Learning objectives

What you will learn as you master the competency:

- Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards

Competence will be demonstrated:

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

20. Describe, define, recognize, and comprehend anaphylaxis.

Learning objectives

What you will learn as you master the competency:

- Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards

Competence will be demonstrated:

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Learning objectives
What you will learn as you master the competency:

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

22. Describe, define, recognize, and comprehend infectious diseases.

Learning objectives
What you will learn as you master the competency:

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

Criteria - Performance will be satisfactory when:

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum

23. Describe, define, recognize, and comprehend environmental injuries.

Learning objectives
What you will learn as you master the competency:

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

Performance Standards
Competence will be demonstrated:

- On the quiz at the end of the unit.
24. **Describe, define, recognize, and comprehend geriatrics/gerontology.**

*Learning objectives*

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

*Performance Standards*

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

25. **Describe, define, recognize, and comprehend pediatrics.**

*Learning objectives*

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

*Performance Standards*

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
26. Describe and comprehend gynecology.

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

27. Describe and comprehend obstetrics.

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.


**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
29. Describe, recognize, and comprehend neonatal.

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

30. Describe, define, recognize, comprehend, and demonstrate ACLS.

**Learning objectives**

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

a. Discuss the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

b. Perform the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Performance Standards**

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

- Learner discusses the topics in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.
- Learner performs the skills in the current Arizona Advanced Life Support Refresher and Challenge Curriculum.

**Types of Instruction**

Classroom Presentation and Student Participation
Grading Information

Grading Rationale
50% Skills Assessment
50% Participation
This course is appropriate for a P/F grade. Student will be given a P/F grade unless a letter grade is requested.

Grading Scale
A    90-100%
B    80-89%
C    70-79%
D    60-69%
F    59% and below
P    70% - 100%