

# 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

### Transfer Status

ASU	NAU	UA
Non Transferable	Elective Credit	Non Transferable

**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:*

- 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

### **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:*

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

*Criteria - Performance will be satisfactory when:*

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- 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.

**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

**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:*

- 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

**7. Describe, recognize, and comprehend stress management 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:*

- 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:*

- 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

**9. Describe, comprehend, and demonstrate medical assessment.**

***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:*

- 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

**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***

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

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- 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

**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:*

- 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:*

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*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:*

- 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

**21. Describe, define, recognize, and comprehend toxicology, alcoholism, drug abuse.**

***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***

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*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***

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*Criteria - Performance will be satisfactory when:*

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- 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***

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- 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

**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***

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- By completing the National Registry Practical Skills Examination.

*Criteria - Performance will be satisfactory when:*

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**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.
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***Performance Standards***

*Competence will be demonstrated:*

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- 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.
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***Performance Standards***

*Competence will be demonstrated:*

- On the quiz at the end of the unit.
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**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.
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***Performance Standards***

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- By completing the National Registry Practical Skills Examination.

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**28. Describe, define, recognize, and comprehend behavioral 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.
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***Performance Standards***

*Competence will be demonstrated:*

- On the quiz at the end of the unit.

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

**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.
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***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:*

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- 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***

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- 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%