

Intermediate Emergency Medical Technician I

Course Design

2003-2004

Course Information

Organization:	Eastern Arizona College
Division:	Science and Allied Health
Course Number:	EMT 201
Title:	Intermediate Emergency Medical Technician I
Credits:	9
Developed by:	Christopher Black
Lecture/Lab Ratio:	9 Lecture/0 Lab
Transfer Status:	NAU Elective Credit; U of A and ASU Non-transferable
Activity/Enrichment Course:	No
CIP Code:	51.0904
Assessment Mode:	Pre/Post Test (50 Questions, 50 Points)
Semester Taught:	Offered Upon Request
Gen. Ed. Area:	None
Separate Lab:	No
Awareness Course:	No
Intensive Writing Course:	No
Prerequisites:	1. EMT 103
Educational Value:	Basic EMT's certified by the Arizona Department of Health Services, Bureau of EMS with at least one year of prehospital patient care experience.
Goals:	1. To prepare and make the student eligible for EMT 202 Intermediate Emergency Medical Technician II
Description:	The successful completion of this course and EMT 202 fulfills the educational portion for Arizona Department of Health Services requirements for intermediate emergency medical technician certification. Designed to provide the Emergency Medical Technician with specific treatment and emergency skills necessary in the care of the acutely ill or seriously injured as they pertain to pre-hospital emergency care. Before finalizing registration, the student should be able to produce an active Arizona EMT Certification, have 1 year's experience as Basic EMT, and have passed written and oral entrance exams. In addition to regular classes for an extended semester, additional clinical experience is required.
Textbooks:	Shade. Intermediate EMT 2nd Edition. 2nd. Mosby,

Supplies:

Beasley. Understanding EKG's: A Practical Approach. Brady,
None

Competencies and Performance Standards

1. Describe, define, recognize and comprehend Intermediate EMT roles and responsibilities.			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty--Medium</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
2. Describe, comprehend and demonstrate general medical assessment			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty--Medium</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
3. Describe, recognize, comprehend and demonstrate airway and ventilation practices			
<i>Domain-- Cognitive</i>	<i>Level--Application</i>	<i>Importance--Essential</i>	<i>Difficulty--Medium</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
4. Describe, recognize and comprehend pathophysiology of shock symptoms			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty--High</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	

5. Describe and comprehend general pharmacology skills			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- High</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
6. Describe, define, recognize and comprehend respiratory problems			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- High</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
7. Describe, define, recognize and comprehend cardiovascular problems			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- High</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
8. Describe, define, recognize and comprehend endocrine emergencies			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- High</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	

9. Describe, define, recognize and comprehend nervous system conditions			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- High</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
10 Describe, define, recognize and comprehend anaphylaxis			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- Medium</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
11 Describe, define, recognize and comprehend toxicology, alcoholism, drug abuse			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- Medium</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	
12 Describe, define, recognize and comprehend infectious diseases			
<i>Domain-- Cognitive</i>	<i>Level-- Comprehension</i>	<i>Importance--Essential</i>	<i>Difficulty-- Medium</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	

13 Describe, define, recognize, comprehend and demonstrate ACLS			
<i>Domain-- Cognitive</i>	<i>Level-- Application</i>	<i>Importance-- Essential</i>	<i>Difficulty-- High</i>
Criteria-- Criteria - Performance will be satisfactory when: <ul style="list-style-type: none"> • learner discusses the topics in the current Arizona EMT-Intermediate Curriculum. • learner performs the skills in the current Arizona EMT-Intermediate Curriculum 	Conditions-- Competence will be demonstrated: <ul style="list-style-type: none"> • on the quiz at the end of the unit • by completing Written and Practical Skills Examination 	Learning Objectives: <ol style="list-style-type: none"> Discuss the topics in the current Arizona EMT-Intermediate Curriculum. Perform the skills in the current Arizona EMT-Intermediate Curriculum. 	

Types of Instruction

Classroom Presentation
 Simulated Patient Care
 Individualized/Independent Study

Grading Policy

Evaluation Methods:

Grading Scale:

Grade	Requirement
A	900 -1000 Point
B	850 - 899 Points
C	800 - 849 Points
D	750 - 799 Points
F	Below 750 Points

Learning Plans

Learning Plan 1-- EMT-Intermediate I

Overview: Meets the requirements of the Arizona EMT-Intermediate, 2002 curriculum.

- Competency:** 1. Describe, define, recognize and comprehend Intermediate EMT roles and responsibilities.
- Competency:** 2. Describe, comprehend and demonstrate general medical assessment
- Competency:** 3. Describe, recognize, comprehend and demonstrate airway and ventilation practices
- Competency:** 4. Describe, recognize and comprehend pathophysiology of shock symptoms
- Competency:** 5. Describe and comprehend general pharmacology skills
- Competency:** 6. Describe, define, recognize and comprehend respiratory problems
- Competency:** 7. Describe, define, recognize and comprehend cardiovascular problems
- Competency:** 8. Describe, define, recognize and comprehend endocrine emergencies
- Competency:** 9. Describe, define, recognize and comprehend nervous system conditions
- Competency:** 10. Describe, define, recognize and comprehend anaphylaxis
- Competency:** 11. Describe, define, recognize and comprehend toxicology, alcoholism, drug abuse
- Competency:** 12. Describe, define, recognize and comprehend infectious diseases
- Competency:** 13. Describe, define, recognize, comprehend and demonstrate ACLS

Learning Activities:

- _____ 1. listen to lecture
- _____ 2. participate in discussion
- _____ 3. view video presentation
- _____ 4. Complete clinical and vehicular rotations
- _____ 5. complete worksheets

- Performance Assessment Activities:**
- _____ 1. complete quiz at the end of each unit
 - _____ 2. complete the Post Test
 - _____ 3. complete a Practical Skills Examination

- _____4. submit your clinical and vehicular evaluations to the instructor