EASTERN ARIZONA COLLEGE
Paramedic III
Course Design
2017-2018

Course Information

Division: Allied Health
Course Number: EMT 214
Title: Paramedic III
Credits: 6
Developed by: Evelyn Hallford
Lecture/Lab Ratio: 0 Lecture/18 Lab

Transfer Status

<table>
<thead>
<tr>
<th></th>
<th>ASU</th>
<th>NAU</th>
<th>UA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Non Transferable</td>
<td>Elective Credit</td>
<td>Non Transferable</td>
</tr>
</tbody>
</table>

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
EMT 212 with a grade of "B" or higher. Current NREMT or Arizona EMT certification, AHA BLS healthcare provider card, ACLS and PALS provider card, and health insurance coverage are required.

Educational Value
EMT 210, 212, and 214 are a continuous enrollment, chronological training program designed to increase both the knowledge and skill base of the EMT in preparation for national certification as well as competency for job placement in the EMS profession.

Description
This course will cover the clinical/vehicular portion of the Paramedic program. Students will complete 75 hours of clinical/vehicular time for each credit to total 450 hours over the course of the semester. A practical exam will be given to prepare students to take the skills portion of the National Registry Examination for Paramedics. Check the current catalog for all course fees.

Supplies
Stethoscope
Approved uniform
ID badge
**Competencies and Performance Standards**

1. **Demonstrate psychomotor skills.**
   
   **Standard: Psychomotor Skills**
   
   **Learning objectives**
   
   What you will learn as you master the competency:
   
   a. Demonstrate the ability to safely administer agents.
   b. Demonstrate the ability to safely perform endotracheal intubation.
   c. Demonstrate the ability to safely gain venous access in all age group patients.
   d. Demonstrate the ability to effectively ventilate unintubated patients of all age groups.
   
   **Performance Standards**
   
   Competence will be demonstrated:
   
   o by safely, and while performing all steps of each procedure, properly administer agents at least 40 times to live patients
   o by safely, and while performing all steps of each procedure, successfully intubate at least 2 live patients or 10 simulated signed off by Program Medical Director
   o by safely, and while performing all steps of each procedure, successfully access the venous circulation at least 40 times on live patients of various age groups
   o by safely, and while performing all steps of each procedure, ventilate at least 20 unintubated live patients
   
   **Criteria - Performance will be satisfactory when:**
   
   o learner performs required number of skills contacts per competency as listed on the patient contact requirements list

2. **Demonstrate the ability to perform a comprehensive assessment on patients in various age groups.**
   
   **Standard: Ages**
   
   **Learning objectives**
   
   What you will learn as you master the competency:
   
   a. Demonstrate the ability to perform a comprehensive assessment on pediatric patients.
   b. Demonstrate the ability to perform a comprehensive assessment on adult patients.
   
   **Performance Standards**
   
   Competence will be demonstrated:
   
   o by performing a comprehensive patient assessment on pediatric patients, including 6 newborn, 6 infants, 10 toddlers, 10 preschoolers and 10 school-age patients
   o by performing a comprehensive patient assessment on adult patients of various age groups, including 15 adolescents, 60 adults, 40 geriatric
   
   **Criteria - Performance will be satisfactory when:**
   
   o learner performs required number of skills contacts per competency as listed on the patient contact requirements list.
3. Perform comprehensive assessments on obstetric, trauma and behavioral patients.

   **Standard: Pathologies**

   **Learning objectives**

   What you will learn as you master the competency:
   a. Demonstrate the ability to perform a comprehensive assessment on obstetric patients.
   b. Demonstrate the ability to perform a comprehensive assessment on trauma patients.
   c. Demonstrate the ability to perform a comprehensive assessment on psych patients.

   **Performance Standards**

   Competence will be demonstrated:
   o by performing a comprehensive patient assessment on at least 10 obstetric patients
   o by performing a comprehensive patient assessment on at least 40 trauma patients
   o by performing a comprehensive patient assessment on at least 20 psych patients

   **Criteria - Performance will be satisfactory when:**
   o learner performs required number of skills contacts per competency as listed on the patient contact requirements list

4. Perform comprehensive assessment on and formulate and implement a treatment plan for patients with chief complaints.

   **Standard: Chief Complaints**

   **Learning objectives**

   What you will learn as you master the competency:
   a. Demonstrate the ability to perform a comprehensive assessment on and formulate and implement a treatment plan for patients with chest pain.
   b. Demonstrate the ability to perform a comprehensive assessment on and formulate and implement a treatment plan for patients with dyspnea/respiratory distress.
   c. Demonstrate the ability to perform a comprehensive assessment on and formulate and implement a treatment plan for patients with abdominal complaints.
   d. Demonstrate the ability to perform a comprehensive assessment on and formulate and implement a treatment plan for patients with altered mental status.

   **Performance Standards**

   Competence will be demonstrated:
   o by performing a comprehensive patient assessment on and formulate and implement a treatment plan for at least 30 patients with chest pain
   o by performing a comprehensive patient assessment on and formulate and implement a treatment plan for at least 20 patients with dyspnea or respiratory distress
   o by performing a comprehensive patient assessment on and formulate and implement a treatment plan for at least 5 patients with syncope
   o by performing a comprehensive patient assessment on and formulate and implement a treatment plan for at least 20 patients with abdominal complaints such as abdominal pain, nausea or vomiting, gastrointestinal bleeding, and gynecological complaints
   o by performing a comprehensive patient assessment on and formulate and implement a treatment plan for at least 25 patients with altered mental status

   **Criteria - Performance will be satisfactory when:**
   o learner performs required number of skills contacts per competency as listed on the patient contact requirements list
5. Demonstrate the ability to serve as a team leader in a variety of prehospital emergency situations.

Standard: Team Leader Skills

Learning objectives

What you will learn as you master the competency:

a. Demonstrate the ability to serve as a team leader in a variety of prehospital emergency situations.

Performance Standards

Competence will be demonstrated:

- by serving as the team leader for at least 25 prehospital emergency responses

Criteria - Performance will be satisfactory when:

- learner performs required number of skills contacts per competency as listed on the patient contact requirements list

Types of Instruction

Collaborative learning
Clinical Instruction
Field Capstone Experience

Grading Information

Grading Rationale

Summative Written Exam – 50%
Practical Skills Exam – 30%
Affective Behavior – 20%

Students will be required to prove competency on selected portfolio practical skills determined by the Program Director and Medical Director. These skills are separate from the required NREMT Practical Skills Exam and are considered a benchmark measurement of student proficiency.

The summative written exam will be administered during this course. Students will be required to pass the summative exam with a score of 80% or higher, prove competency of required skills as explained above and meet the minimum number of required patient contacts during the clinical/vehicular component as listed in the grid below in order be issued a course completion.

The student must have a minimum of 550 total clinical/vehicular hours obtained throughout the program (EMT 210, 212 and 214) as well as specified skills and procedures to complete the Paramedic program and apply for national certification as a Paramedic by taking the NREMT cognitive exam for Paramedics. The following criteria will be the standard requirement for all students completing EMT 214.
EMT 214 STUDENT PATIENT CONTACT REQUIREMENTS

<table>
<thead>
<tr>
<th>SKILL</th>
<th>MINIMUM REQUIRED FOR COMPETENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAFELY ADMINISTER MEDICATIONS</td>
<td>40</td>
</tr>
<tr>
<td>LIVE INTUBATIONS</td>
<td>2 or 10 simulated signed off by Medical Director</td>
</tr>
<tr>
<td>SAFELY GAIN VENOUS ACCESS</td>
<td>40</td>
</tr>
<tr>
<td>VENTILATE A PATIENT</td>
<td>20</td>
</tr>
<tr>
<td>ASSESSMENT OF NEWBORN</td>
<td>6</td>
</tr>
<tr>
<td>ASSESSMENT OF INFANT</td>
<td>6</td>
</tr>
<tr>
<td>ASSESSMENT OF TODDLER</td>
<td>10</td>
</tr>
<tr>
<td>ASSESSMENT OF PRESCHOOLER</td>
<td>10</td>
</tr>
<tr>
<td>ASSESSMENT OF SCHOOL AGE CHILDREN</td>
<td>10</td>
</tr>
<tr>
<td>ASSESSMENT OF ADOLESCENTS</td>
<td>15</td>
</tr>
<tr>
<td>ASSESSMENT OF ADULTS</td>
<td>60</td>
</tr>
<tr>
<td>ASSESSMENT OF GERIATRICS</td>
<td>40</td>
</tr>
<tr>
<td>ASSESSMENT OF OBSTETRIC PATIENTS</td>
<td>10</td>
</tr>
<tr>
<td>ASSESSMENT OF TRAUMA PATIENTS</td>
<td>40</td>
</tr>
<tr>
<td>ASSESSMENT OF PSYCH PATIENTS</td>
<td>20</td>
</tr>
<tr>
<td>ASSESSMENT AND RX OF CHEST PAIN</td>
<td>30</td>
</tr>
<tr>
<td>ASSESSMENT AND RX OF RESPIRATORY</td>
<td>20</td>
</tr>
<tr>
<td>ASSESSMENT AND RX OF SYNCOPE</td>
<td>5</td>
</tr>
<tr>
<td>ASSESSMENT AND RX OF ABDOMINAL</td>
<td>20</td>
</tr>
<tr>
<td>ASSESSMENT AND RX OF ALTERED LOC</td>
<td>25</td>
</tr>
<tr>
<td>TEAM LEADS</td>
<td>25</td>
</tr>
</tbody>
</table>

TOTAL CLINICAL HOURS: 168
MEDICAL ER: 60
TRAUMA ER: 12
Peds ER: 12
OB: 12
BURN: 12
ICU: 24
OR: 12
POISON CONTROL: 12
PSYCHIATRIC: 12

TOTAL VEHICULAR HOURS: 382

TOTAL HOURS: 550
**Grading Scale**

A  90-100%
B  80-89%
C  70-79%
D  60-69%
F  0-59%

0 – 79.9% (unacceptable to continue in the program)