COURSE INFORMATION FORM

DISCIPLINE: Emergency Medical Services

COURSE TITLE: Paramedic Skills Laboratory I

CR. HR. 2.0  LECT HR.  LAB HR.  4.0  CLIN/INTERN HR.  CLOCK HR.  

CATALOG DESCRIPTION

This course will develop the student’s ability to perform basic and advanced pre-hospital emergency medical procedures.

PREREQUISITES

BIOL 108 or BIOL 109, or BIOL 110 & 210, admission to the Paramedic Program, and Missouri Emergency Medical Technician licensure or equivalent for another state.

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)

Upon completion of this course, the student will be able to:

1. Perform an assessment of the medical and trauma patient.
2. Perform the various skills and procedures required to secure the pediatric and adult airway.
3. Demonstrate the skills required to administer intravenous, intramuscular, subcutaneous, endotracheal, and oral medications.
4. Demonstrate electrocardiographic techniques
5. Demonstrate the skills required to administer emergency electrical cardiac therapies.
6. Demonstrate the skills required to perform immobilization of musculoskeletal injuries.
7. Demonstrate the skills required to perform spinal immobilization.

GENERAL EDUCATION OUTCOMES (ESO)

Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>ESO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. N/A</td>
<td></td>
</tr>
</tbody>
</table>
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Emergency Medical Services Program Outcome number 1:
   “Effectively communicates as an Emergency Medical Services professional.”

2. Emergency Medical Services Program Outcome number 3:
   “Demonstrates the ability to competently deliver pre-hospital emergency medical care.”

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Portfolio – Students will maintain a “Skills Portfolio” to document skills competency. Students will be required to document a minimum number of successful performances of each skill. (Measures 1 – 7)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Patient Assessment
   A. Trauma
   B. Medical

II. Airway & Breathing Procedures
   A. Oxygen therapy administration
      1. CPAP therapy
   B. Multi-lumen airway procedures
   C. Endotracheal intubation
      1. Adult
      2. Infant
   D. Suctioning
      1. Oral
      2. Endotracheal
   E. Chest Decompression

III. Intravenous Access
   A. Fluid administration
   B. Saline lock

IV. Medication Administration
   A. Intravenous
   B. Intramuscular
   C. Subcutaneous
   D. Endotracheal
   E. Sublingual
   F. Oral

V. Electrocardiographic Techniques
   A. Continuous electrocardiographic monitoring
   B. 12-Lead Electrocardiography
   C. Transcutaneous pacing
   D. Synchronized and unsynchronized cardioversion

VI. Trauma Management
   A. Spinal immobilization
   B. Musculoskeletal immobilization