EMS Skills
Course Outcome Summary

Course Information
Organization: South Central College
Course Number: ICP 1010
Department: Intensive Care Paramedic
Total Credits: 5

Description
EMS SKILLS focuses on the Basic Life Support skills that the EMT-P must master along with this introduction to advanced skills. These include: Patient assessment, airway control with adjuncts, IV therapy, suctioning, communication skills, AED's, intubation, medication administration, cardiac skills, and other invasive techniques.

Types of Instruction

<table>
<thead>
<tr>
<th>Instruction Type</th>
<th>Contact Hours</th>
<th>Credits</th>
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<tbody>
<tr>
<td>On-Campus Lab</td>
<td>96</td>
<td>3</td>
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<tr>
<td>Internship</td>
<td>32</td>
<td>2</td>
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</tbody>
</table>

Prerequisites
Admission into the Paramedic Program. All Classes must be taken in sequence.

Exit Learning Outcomes
Core Abilities
A. Professionalism
B. Math/Logical Reasoning
C. Critical Thinking and Problem Solving
D. Communication

Program Outcomes
A. The paramedic student will be able to establish and/ or maintain a patent airway, oxygenate, and ventilate a patient.
B. At the completion of this module, the paramedic student will be able to take a proper history and perform a comprehensive physical exam on any patient, and communicate the findings to others.

External Standards
The student will meet or exceed the requirements set by the National Standards Curriculum and the D.O.T.

Competencies
1. Establish and maintain a patent airway, oxygenate, and ventilate a patient.
   Learning Objectives
   a. Perform body substance isolation (BSI) procedures during basic airway management,
advanced airway management, and ventilation.
b. Demonstrate use of diagnostic tools associated with airway assessment.
c. Demonstrate ventilating an apneic patient with basic ventilatory devices.
d. Demonstrate ventilating an apneic patient with advanced ventilatory devices.
e. Demonstrate these skills in a clinical internship.

2. Discuss public health principles relevant to infectious/communicable disease.
   Learning Objectives
   a. Identify public health agencies involved in the prevention and management of disease outbreaks.
   b. List criteria for infectious disease reporting and how that relates to HIPPA.

3. Safely and precisely access the venous circulation.
   Learning Objectives
   a. Perform body substance isolation (BSI) procedures during vascular access.
   b. Perform a minimum of ten successful peripheral venous cannulations on live patients.

4. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement a management plan for the patient with infectious and communicable diseases.
   Learning Objectives
   a. Demonstrate the ability to comply with body substance isolation guidelines for infectious disease.
   b. Effectively and safely manage a patient with an infectious/communicable disease, including airway and ventilation care, support of circulation.

5. Perform manual airway maneuvers
   Learning Objectives
   a. Open and maintain the airway without the use of adjuncts.
   b. Open and maintain the airway with the use of adjuncts.
   c. Demonstrate these skills in a clinical internship.

6. Assess the airway and determine need and type of adjunctive therapy required.
   Learning Objectives
   a. Identify adequacy of ventilation and oxygenation.
   b. Given a scenario, select and perform appropriate ventilatory techniques.
   c. Demonstrate these skills in a clinical internship.

7. Perform complete airway obstruction maneuvers
   Learning Objectives
   a. Perform manual maneuvers for airway obstruction.
   b. Perform direct laryngoscopy for airway obstruction.

8. Perform advanced airway management
   Learning Objectives
   a. Demonstrate proper intubation of the trachea with various devices.
   b. Demonstrate care of an intubated patient.

9. Demonstrate the techniques for assessing the airway.
   Learning Objectives
   a. Assess an unconscious patient for ventilatory status.
   b. Assess a conscious patient for ventilatory status.
   c. Assess a conscious with respiratory distress patient for ventilatory status.
10. Demonstrate techniques in assessment and physical exam relative to the chief complaint.
   Learning Objectives
   a. Demonstrate variations of assessment based on chief complaint.
   b. Demonstrate the skills involved in performing the on-going assessment based on chief complaint.
   c. Demonstrate these skills in a clinical internship.

11. Perform a focused history and physical exam of the medical patient.
   Learning Objectives
   a. Differentiate components of the focused exam required based on the chief complaint.
   b. Given a scenario, perform a focused exam based on the chief complaint.
   c. Demonstrate these skills in a clinical internship.

12. Demonstrate the patient care skills that should be used to assist with a patient who is unresponsive or has an altered mental status.
   Learning Objectives
   a. Demonstrate a rapid medical assessment on the unresponsive or altered patient.
   b. Perform a detailed physical examination.

13. Demonstrate preparation and administration of parenteral medications
   Learning Objectives
   a. Perform body substance isolation (BSI) procedures during medication administration.
   b. Given a scenario, prepare and administer the appropriate medication.

14. Demonstrate cardiac arrest management skills.
   Learning Objectives
   a. Demonstrate proper use of AED and monitor/defibrillator.
   b. Given a scenario, manage a patient in cardiac arrest.

15. Demonstrate cardiac monitoring skills.
   Learning Objectives
   a. Demonstrate proper use of the monitor/defibrillator using multiple leads.
   b. Demonstrate proper use of the monitor/defibrillator in a patient with cardiac complaints.
   c. Demonstrate these skills in a clinical internship.