



BROWARD COLLEGE COURSE OUTLINE

LAST REVIEW: 2009-2010

NEXT REVIEW: 2014-2015

STATUS: A

(i.e. 2003-2004)

(i.e. 2008-2009)

(A, I, D)

COURSE TITLE: Paramedic Review Recertification Lab

COMMON COURSE NUMBER: EMS 2391L

CREDIT HOURS: 1

CONTACT HOUR BREAKDOWN

(per 16 week term)

CLOCK HOURS:

Lecture: Lab: 16

Clinic: 0 Other: 0

Contact Hours/Week 1 hours

PREREQUISITE(S):

COREQUISITE(S) EMS 2391

COURSE DESCRIPTION

This course deals with the application of skills and procedures involved in the latest United States Department of Transportation (DOT) EMT-Paramedic National Standard Curriculum and is designed to review and update the student in the delivery of emergency medical services. Successful completion of the course with a grade of "C" or higher provides eligibility for State of Florida Paramedic Recertification.

UNIT TITLES

1. Airway/Ventilation
2. Cardiovascular
3. Medical
4. Trauma
5. Pediatrics
6. HIV-AIDS Update
7. Other

Units: SPECIFIC LEARNING OUTCOMES:

Upon successful completion of this course, the students should be able to complete the skills successfully.

Unit I Airway

PSYCHOMOTOR OBJECTIVES

At the completion of this unit, the paramedic will be able to:

- 1.7 Demonstrate ventilating a patient by the following techniques: (P-2) / 2-1.95
- Mouth-to-mask ventilation
 - One person bag-valve-mask
 - Two person bag-valve-mask
 - Three person bag-valve-mask
 - Flow-restricted, oxygen-powered ventilation device
 - Automatic transport ventilator
 - Mouth-to-stoma
 - Bag-valve-mask-to-stoma ventilation
- 1.8 Ventilate a pediatric patient using the one and two person techniques. (P-2) / 2-1.96
- 1.9 Perform bag-valve-mask ventilation with an in-line small-volume nebulizer. (P-2) / 2-1.97
- 1.10 Perform assessment to confirm correct placement of the endotracheal tube (P-2) / 2-1.103
- 1.11 Intubate the trachea by the following methods:
- Orotracheal intubation
 - Nasotracheal intubation
 - Multi-lumen airways
- 1.12 Perform transtracheal catheter ventilation (needle cricothyrotomy). (P-2) / 2-

UNIT II CARDIOVASCULAR

PSYCHOMOTOR OBJECTIVES

At the completion of this unit, the paramedic will be able to:

- 2.25** Set up and apply a transcutaneous pacing system. (P-3) / 5-2.202
- 2.26** Given the model of a patient with signs and symptoms of heart failure, position the patient to afford comfort and relief. (P-2) / 5-2.203
- 2.7** Demonstrate satisfactory performance of psychomotor skills of basic and advanced life support techniques according to the current American Heart Association Standards and Guidelines, including: (P-3) / 5-2.205
- Cardiopulmonary resuscitation
 - Defibrillation
 - Synchronized cardioversion
 - Transcutaneous pacing

UNIT IV TRAUMA

PSYCHOMOTOR OBJECTIVES

At the completion of this unit, the paramedic will be able to:

- 4.57** Using the techniques of physical examination, demonstrate the assessment of a trauma patient. (P-2) / 3-3.77
- 4.58** Demonstrate the rapid trauma assessment used to assess a patient based on mechanism of injury. (P-2) / 3-3.78
- 4.59** Demonstrate the management of a patient with signs and symptoms of hemorrhagic shock. (P-2) / 4-2.46
- 4.60** Demonstrate the management of a patient with signs and symptoms of compensated hemorrhagic shock. (P-2) / 4-2.48
- 4.61** Demonstrate the management of a patient with signs and symptoms of decompensated hemorrhagic shock. (P-2) / 4-2.50
- 4.62** Demonstrate a clinical assessment to determine the proper management modality for a patient with a suspected traumatic spinal injury. (P-1) / 4-6.29
- 4.63** Demonstrate a clinical assessment to determine the proper management modality for a patient with a suspected non-traumatic spinal injury. (P-1) / 4-6.30
- 4.64** Demonstrate immobilization of the urgent and non-urgent patient with assessment findings of spinal injury from the following presentations: (P-1) / 4-6.31
- Supine
 - Prone
 - Semi-prone
 - Sitting
 - Standing
- 4.65** Demonstrate preferred methods for stabilization of a helmet from a potentially spine injured patient. 4-6.33
- 4.66** Demonstrate the following techniques of management for thoracic injuries: (P-1) / 4-7.50
- Needle decompression
 - Fracture stabilization
 - Elective intubation
 - ECG monitoring
 - Oxygenation and ventilation
- 4.67** Demonstrate a clinical assessment to determine the proper treatment plan for a patient with suspected abdominal trauma. (P-1) / 4-8.41

UNIT V PEDIATRICS**PSYCHOMOTOR OBJECTIVES**

At the completion of this unit, the paramedic will be able to:

- 5.47 Demonstrate the appropriate approach for treating infants and children. (P-2) / 6-2.91
- 5.48 Demonstrate appropriate intervention techniques with families of acutely ill or injured infants and children. (P-2) / 6-2.92
- 5.49 Demonstrate an appropriate assessment for different developmental age groups. (P-2) / 6-2.93
- 5.50 Demonstrate an appropriate technique for measuring pediatric vital signs. (P-2) / 6-2.93
- 5.51 Demonstrate the use of a length-based resuscitation device for determining equipment sizes, drug doses and other pertinent information for a pediatric patient. (P-2) / 6-2.95
- 5.52 Demonstrate the appropriate approach for treating infants and children with respiratory distress, failure, and arrest. (P-2) / 6-2.96
- 5.53 Demonstrate proper technique for administering blow-by oxygen to infants and children. (P-2) / 6-2.97
- 5.54 Demonstrate the proper utilization of a pediatric non-rebreather oxygen mask. (P-2) / 6-2.98
- 5.55 Demonstrate proper technique for suctioning of infants and children. (P-2) / 6-2.99
- 5.56 Demonstrate appropriate use of airway adjuncts with infants and children. (P-2) / 6-2.100
- 5.57 Demonstrate appropriate use of ventilation devices for infants and children. (P-2) / 6-2.101
- 5.58 Demonstrate endotracheal intubation procedures in infants and children. (P-2) / 6-2.102
- 5.59 Demonstrate appropriate treatment/ management of intubation complications for infants and children. (P-2) / 6-2.103
- 5.60 Demonstrate appropriate needle cricothyroidotomy in infants and children. (P-2) / 6-2.104
- 5.61 Demonstrate proper placement of a gastric tube in infants and children. (P-2) / 6-2.105
- 5.62 Demonstrate an appropriate technique for insertion of peripheral intravenous catheters for infants and children. (P-2) / 6-2.106
- 5.63 Demonstrate an appropriate technique for administration of intramuscular, inhalation, subcutaneous, rectal, endotracheal and oral medication for infants and children. (P-2) / 6-2.106
- 5.64 Demonstrate an appropriate technique for insertion of an intraosseous line for infants and children. (P-2) / 6-2.108
- 5.65 Demonstrate appropriate interventions for infants and children with a partially obstructed

airway. (P-2) / 6-2.109

- 5.66 Demonstrate age appropriate basic airway clearing maneuvers for infants and children with a completely obstructed airway. (P-2) / 6-2.110
- 5.67 Demonstrate proper technique for direct laryngoscopy and foreign body retrieval in infants and children with a completely obstructed airway. (P-2) / 6-2.111
- 5.68 Demonstrate appropriate airway and breathing control maneuvers for infant and child trauma patients. (P-2) /
- 5.69 Demonstrate appropriate treatment of infants and children requiring advanced airway and breathing control. (P-2) / 6-2.113
- 5.70 Demonstrate appropriate immobilization techniques for infant and child trauma patients. (P-2) / 6-2.114
- 5.71 Demonstrate treatment of infants and children with head injuries. (P-2) / 6-2.115
- 5.72 Demonstrate appropriate treatment of infants and children with chest injuries. (P-2) / 6-2.116
- 5.73 Demonstrate appropriate treatment of infants and children with abdominal injuries. (P-2) / 6-2.117
- 5.74 Demonstrate appropriate treatment of infants and children with extremity injuries. (P-2) / 6-2.118
- 5.75 Demonstrate appropriate treatment of infants and children with burns. (P-2) / 6.2.119
- 5.76 Demonstrate appropriate parent/ caregiver interviewing techniques for infant and child death situations.(P-2) / 6-2.120
- 5.77 Demonstrate proper infant CPR. (P-2) / 6-2.121
- 5.78 Demonstrate proper child CPR. (P-2) / 6-2.122
- 5.79 Demonstrate proper techniques for performing infant and child defibrillation and synchronized cardioversion.(P-2) / 6-2.123

UNIT VI OTHER**PSYCHOMOTOR OBJECTIVES**

At the completion of this unit, the paramedic will be able to:

6.24 Demonstrate the following techniques: (P-1) / 8-5.8

- a. Field "contact and cover" procedures during assessment and care
- b. Evasive tactics
- c. Concealment techniques

6.25 Demonstrate the proper procedures to take for personal protection from disease. (P-2) / 1-2.46

6.26 Demonstrate safe methods for lifting and moving patients in emergency and non-emergency situations. (P-2) / 1-2.45

6.27 Demonstrate how to place a patient in, and remove a patient from, an ambulance. (P-1) / 8-1.9