

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER:	EMS 2617L
COURSE TITLE:	Paramedic Module VII, Assessment Based Lab
PREREQUISITE(S):	EMS 2615, EMS 2615L and EMS 2667
COREQUISITE(S):	None
CREDIT HOURS:	2
CONTACT HOURS/WEEK:	4
CONTACT HOUR BREAKDOWN:	
Lecture/Discussion:	2
Laboratory:	2
Other _____:	
FACULTY WORKLOAD POINTS:	3.4
STANDARDIZED CLASS SIZE ALLOCATION:	6 (state requirement)
CATALOG COURSE DESCRIPTION:	
<p>This course module (VII) is a sequence of instruction for EMT-paramedic. Instruction includes hands on experience in mastering patient assessment techniques. This course also includes skills labs in pediatric and trauma management. Four contact hours.</p>	
SUGGESTED TEXT(S):	<u>Paramedic Care: Principles and Practice Volume 5</u> , Brady Publishing
IMPLEMENTATION DATE:	January, 2001
REVIEW OR MODIFICATION DATE:	Fall Term, 2002 (20031) Summer Term, 2005 (20053) Fall Term, 2008 (20091) - Outline Review 2007

COURSE TOPICS

CONTACT HOURS
PER TOPIC

I. Assessment Based Management Lab	60
A. Medical Emergencies	(20)
1. Patient Assessment	
2. ACLS	
B. Trauma Emergencies	(20)
1. Patient Assessments	
2. PHTLS Skills	
C. Pediatric	(20)
1. Patient Assessment	
2. CPR in Infants and Children	
3. Intravenous Techniques/Medication Administration	
4. Airway Management	
5. Pediatric Cardiac Arrest-Mega Code	
6. PEPP Skills	

PROGRAM TITLE: Emergency Medical Services - Associate's Degree

COURSE TITLE: Paramedic Module VII, Assessment Based Lab

CIP NUMBER: 0317.020601

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

20.0 DEMONSTRATE GENERAL PATIENT ASSESSMENT AND INITIAL MANAGEMENT—The student will be able to:

- 20.01 Establish priorities of care based on threat to life and describe the treatment modalities for the management of these conditions.
- 20.02 Describe the primary and secondary survey.
- 20.03 Describe the anatomy, physiology and pathophysiology of the airway and lungs and their anatomical structures.
- 20.04 Describe the use of adjuncts in airway management.
- 20.05 Describe advanced methods of airway management.
- 20.06 Explain the significance of protection of the cervical spine in airway management.
- 20.07 Explain pulmonary ventilation and gas exchange across the alveolar-capillary membrane.
- 20.08 Describe the pathophysiology of open and closed pulmonary injuries.
- 20.09 Discuss the techniques for evaluating effectiveness of ventilation.
- 20.10 Describe the anatomy and physiology of the heart and the cardiovascular system.
- 20.11 Describe the pathophysiology of cardiac arrest.
- 20.12 Describe the mechanisms of evaluating the effectiveness of perfusion.
- 20.13 Describe hemorrhage control and its benefits and complications.
- 20.14 Assess neurological status.
- 20.15 Discuss the pathophysiology of shock.
- 20.16 Define the trauma score and its usefulness.
- 20.17 Demonstrate obtaining a relevant patient medical history.
- 20.18 Describe how a patient is packaged and stabilized for transportation to the hospital.
- 20.19 Discuss procedures for hospital selection, the transportation phase, and patient monitoring enroute to the hospital.
- 20.20 Perform a rapid assessment.
- 20.21 Perform a secondary survey.
- 20.22 Demonstrate cardiopulmonary resuscitation.

24.0 ASSESS AND MANAGE TRAUMA EMERGENCIES--The student will be able to:

- 24.05 Describe neurological examination, assessment, pathophysiology, and management.

25.0 ASSESS AND MANAGE BURN INJURIES--The student will be able to:

- 25.03 Describe the assessment and management of the burn victim.
- 25.07 Describe the assessment and management of inhalation injury.

LIST PERFORMANCE STANDARD ADDRESSED: (Continued)

NUMBER(S): TITLES(S):

28.0 ASSESS AND MANAGE ENDOCRINE EMERGENCIES--The student will be able to:

- 28.02 Describe the assessment and management of endocrine emergencies.
- 28.06 Obtain a history and assess and manage patients with endocrine problems.

29.0 ASSESS AND MANAGE NEUROLOGICAL EMERGENCIES--The student will be able to:

- 29.02 Describe the assessment and management of neurological disorders.
- 29.08 Obtain history and assess patients with neurological disorders.

30.0 ASSESS AND MANAGE DIGESTIVE, GENITOURINARY, AND REPRODUCTIVE EMERGENCIES--The student will be able to:

- 30.03 Describe the assessment and treatment of digestive, genitourinary, and reproductive system disorders.
- 30.06 Discuss the assessment and management of the dialysis patient, to include vascular access.
- 30.07 Obtain a history and assess patients with digestive, genitourinary, and reproductive problems.

31.0 ASSESS AND MANAGE ANAPHYLAXIS EMERGENCIES--The student will be able to:

- 31.01 Describe the anatomy, physiology, pathophysiology, causes, signs and symptoms, assessment and management of anaphylaxis.
- 31.04 Obtain a history and assess patients with potential anaphylaxis.

32.0 ASSESS AND MANAGE TOXICOLOGICAL, ALCOHOL, AND DRUG ABUSE EMERGENCIES--The student will be able to:

- 32.07 Obtain a history, assess, and manage patients with toxicological emergencies, animal or insect bites, stings, drug overdose, and alcoholism.

33.0 ASSESS AND MANAGE INFECTIOUS DISEASES--The student will be able to:

- 33.02 Describe the anatomy, physiology, pathophysiology, causes, mode of transmission, incubation period, assessment and management typical infectious and communicable diseases and parasites.

34.0 ASSESS AND MANAGE ENVIRONMENTAL INJURIES--The student will be able to:

- 34.03 Describe the anatomy, physiology, pathophysiology, causes, signs and symptoms, assessment and management of hypothermic or hyperthermic disorders.
- 34.04 Describe the anatomy, physiology, pathophysiology, signs and symptoms, assessment and management of near-drowning.
- 34.09 Describe the anatomy, physiology, pathophysiology, signs and symptoms, assessment and management of acute and/or chronic exposure to ionizing radiation.

LIST PERFORMANCE STANDARD ADDRESSED: (Continued)

NUMBER(S): TITLES(S):

34.14 Describe the anatomy, physiology, pathophysiology, signs and symptoms, assessment and management of decompression sickness, overpressure accidents, pneumomediastinum, air embolism, nitrogen narcosis, and subcutaneous emphysema.

34.18 Obtain a history and assess patients with exposure to ionizing radiation.



NOTE: Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.

Section 1	
COURSE PREFIX AND NUMBER: <u>EMS 2617L</u>	SEMESTER CREDIT HOURS: <u>2</u>
COURSE TITLE: <u>Paramedic Module 7, Assessment Based Lab</u>	

Section 2

TYPE OF COURSE: (Click on the box to check all that apply)

<input type="checkbox"/> AA Elective	<input checked="" type="checkbox"/> AS Required Professional Course	<input type="checkbox"/> College Prep
<input type="checkbox"/> AS Professional Elective	<input type="checkbox"/> AAS Required Professional Course	<input checked="" type="checkbox"/> Technical Certificate
<input type="checkbox"/> Other _____	<input type="checkbox"/> PSAV	<input type="checkbox"/> Apprenticeship
<input type="checkbox"/> General Education: (For General Education courses, you must also complete Section 3 and Section 7)		

Section 3 (If applicable)

INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:

<input type="checkbox"/> Communications	<input type="checkbox"/> Social & Behavioral Sciences	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Natural Sciences	<input type="checkbox"/> Humanities	

Section 4

INTELLECTUAL COMPETENCIES:

<input checked="" type="checkbox"/> Reading	<input checked="" type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input checked="" type="checkbox"/> Quantitative Skills	<input type="checkbox"/> Scientific Method of Inquiry
<input checked="" type="checkbox"/> Writing	<input checked="" type="checkbox"/> Listening	<input checked="" type="checkbox"/> Information Literacy	<input checked="" type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively

	LEARNING OUTCOMES	METHOD OF ASSESSMENT
•	Demonstrate ability to assess and treat patients with abdominal pain	Scenraios, exams and quizzes
•	IDemonstrate ability to assess and treat patients with obstetric emergencies	Scenrarios, exams and quizzes
•	Demonstrate the ability to assess and treat patients with burns	Scenarios, exams and quizzes
•		
•		
•		
•		
•		
•		
•		

Section 6

Name of Person Completing This Form: Marcie Heatherington Date: 10/30/2007