

## FLORIDA STATE COLLEGE AT JACKSONVILLE

## COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER:	EMS 2616
COURSE TITLE:	Paramedic Module VI, Special Considerations
PREREQUISITE(S):	EMS 2615, EMS 2615L and EMS 2667
COREQUISITE(S):	None
CREDIT HOURS:	3
CONTACT HOURS/WEEK:	3
CONTACT HOUR BREAKDOWN:	
Lecture/Discussion:	3
Laboratory:	
Other _____:	
FACULTY WORKLOAD POINTS:	3
STANDARDIZED CLASS SIZE ALLOCATION:	24
CATALOG COURSE DESCRIPTION:	
	Module VI is a sequence of instruction for EMT-paramedic. Instruction includes: neonatology, pediatrics, geriatrics, abuse and assault, and chronic care patient management.
SUGGESTED TEXT(S):	<u>Paramedic Care: Principles and Practice Volume 5</u> , Brady Publishing, <u>Pediatric Education for Pre-hospital Providers</u> Text
IMPLEMENTATION DATE:	January, 2001
REVIEW OR MODIFICATION DATE:	Fall Term, 2002 (20031) Fall Term, 2003, (20041) Summer Term, 2005 (20053) Fall Term, 2008 (20091) - Outline Review 2007

COURSE TOPICS

CONTACT HOURS  
PER TOPIC

I. Special Considerations: Pediatrics

27

- A. Patient Assessment
- B. The Ill or Injured Child; Special Considerations
- C. Pathophysiology and Management
  - 1. Respiratory Emergencies
  - 2. Sudden Infant Death Syndrome
  - 3. Seizures in Children
  - 4. The Battered Child
  - 5. Trauma in Children
- D. Techniques of Management
  - 1. CPR in Infants and Children
  - 2. Intravenous Techniques
  - 3. Endotracheal Intubation in Infants and Small Children
- E. Neonatal Transport
- F. PEPP Lectures

II. Additional Topics

15

- A. Neonates
- B. Geriatrics
- C. Abuse and Assault
- D. Special Challenges
- E. Chronic Care Patients

PROGRAM TITLE: Emergency Medical Services - Associate's Degree

COURSE TITLE: Paramedic Module VI, Special Considerations

CIP NUMBER: 0317.020601

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S):        TITLES(S):

26.0 ASSESS AND MANAGE RESPIRATORY EMERGENCIES--The student will be able to:

26.04 Identify the pharmacology, actions, indications, precautions, dosages, contraindications, and side effects of typical respiratory drugs for the adult and pediatric patient and demonstrate methods of administration.

27.0 ASSESS AND MANAGE CARDIOVASCULAR EMERGENCIES--The student will be able to:

27.09 Discuss the etiology of cardiac arrest in adults and pediatric patients.

27.14 Describe the indications for use of a precordial thump, vago tonic maneuvers, synchronized cardioversion, and defibrillation and discuss energy recommendations for adult and pediatric patients.

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

31.03 Identify the pharmacology, actions, indications, precautions, methods of administration, dosages, contraindications, and side effects for the adult and pediatric patient for epinephrine, diphenhydramine, aminophylline, and dexamethasone.

36.0 ASSESS AND MANAGE PEDIATRIC EMERGENCIES--The student will be able to:

36.01 Identify the general goals of management of the pediatric patient.

36.02 Discuss specific historical information and its sources in evaluating the pediatric patient.

36.03 Discuss by age groups the relevant aspects of normal growth and development, personality development, relationship to parents, history factors, common illnesses and accidents.

36.04 Describe Sudden Infant Death Syndrome (SIDS), current theories, assessment and management, and the immediate needs of the family.

36.05 Describe the characteristics of the child abuser and the abused child.

36.06 Discuss the assessment and management of the potentially abused child including important historical information and management of the family in the child abuse situation.

36.07 Describe the anatomy, physiology, pathophysiology, assessment, and management of common pediatric disorders.

36.08 Identify the pediatric dosage for relevant drugs (AHA/ACLS).

36.09 Discuss and demonstrate techniques for airway maintenance in the pediatric patient.

36.10 Describe and discuss techniques and sites for intravenous infusion in the pediatric patient.

36.11 Obtain history and assess the pediatric patient.

LIST PERFORMANCE STANDARD ADDRESSED: (Continued)

NUMBER(S):            TITLES(S):

39.0 ASSESS AND MANAGE THE NEONATE--The student will be able to:

- 39.01 Describe anatomy, physiology, pathophysiology, assessment, and routine management of the neonate.
- 39.02 Describe the mechanisms and effects, and treatment of hypothermia in the neonate.
- 39.03 Define the parameters, numerical values utilized, and the procedure for Apgar scoring.
- 39.04 Describe and demonstrate stimulation of and CPR for the distressed neonate.
- 39.05 Identify observations and physical findings to be evaluated in the neonate.
- 39.06 Identify the problems and equipment requirements for transportation of the neonate.
- 39.07 Obtain a history, assess, and manage the neonate.
- 39.08 Administer oxygen to the neonate.
- 39.09 Suction the neonate using DeLee Suction and bulb syringe.
- 39.10 Calculate Apgar score.



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

<b>Section 1</b>	
<b>COURSE PREFIX AND NUMBER:</b> <u>EMS 2616</u>	<b>SEMESTER CREDIT HOURS:</b> <u>3</u>
<b>COURSE TITLE:</b> <u>Paramedic Module 6, Special Considerations</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 type="checkbox"/> Information Literacy	<input checked="" type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively

<b>Section 5</b>	<b>LEARNING OUTCOMES</b>	<b>METHOD OF ASSESSMENT</b>
•	Demonstrate ability to identify normal vital signs for children in different age groups	Scenraios, exams and quizzes
•	Identify signs of child abuse and child neglect	Scenrarios, exams and quizzes
•	Demonstrate the ability to assess geriatric patients	Scenarios, exams and quizzes
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**Section 6**

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