

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: EMS 2666

COURSE TITLE: Paramedic Clinical I

PREREQUISITE(S): EMS 1119, EMS 2611, EMS 1401 and BSC 2020C

COREQUISITE(S): None

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 10

CONTACT HOUR BREAKDOWN:

Lecture/Discussion:

Laboratory:

Other (Clinical): 10 (used .85 for clinical)

FACULTY WORKLOAD POINTS: 8

STANDARDIZED CLASS SIZE ALLOCATION: 6 (hospital requirement)

CATALOG COURSE DESCRIPTION:

This is the first clinical course in a sequence of instruction for EMT-paramedic. Activities include emergency room experience and rescue experience.

SUGGESTED TEXT(S): None

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	<u>CONTACT HOURS PER TOPIC</u>
I. Clinical Experience	90
A. Patient Assessment	15
1. Medical History	
2. Physical Examination	
B. Treatment of Trauma Cases and Medical Emergencies	6
C. Triageing Patients	5
D. Trauma Cases Requiring Hemorrhage Control, Suturing and Splinting	6
E. Peripheral IV Insertions	10
F. Preparation and Administration of Intramuscular, Subcutaneous, and IV Medications	6
G. Recording and Interpreting EKG's	6
H. Assisting in Cases of Cardiac Arrest	6
1. Cardiopulmonary resuscitation	
2. Airway Management	
3. Intubation	
4. Defibrillation	
II. V. Therapy	30
1. Aseptic Technique	
2. Peripheral I.V. Insertion	
a. Straight Needle	
b. Over the Needle Catheter	
3. Drawing Blood Samples	
4. Preparing Blood Samples	
a. Blood Sugar	
b. Electrolytes	
c. Type and Cross Match	
d. CBC Analysis	
II. Rescue Experience- Observe and Perform Paramedic Skills as Outlined in Topic I.	60

PROGRAM TITLE: Emergency Medical Services - Associate's Degree

COURSE TITLE: Paramedic Clinical 1

CIP NUMBER: 0317.020601

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

06.0 RECOGNIZE AND RESPOND TO EMERGENCY SITUATIONS -- The student will be able to:

- 06.01 Monitor and record vital signs.
- 06.02 Describe legal parameters relating to the administration of emergency care.
- 06.03 Obtain and maintain BLS skills of basic rescuer or higher.
- 06.04 Demonstrate basic understanding of first aid and emergency care.
- 06.05 Recognize adverse drug related emergencies and take appropriate first aid action.

17.0 DESCRIBE MAJOR INCIDENT RESPONSE--The student will be able to:

- 17.01 Define mass casualty incident (MCI) and when it should be declared.
- 17.02 Describe the "pre-planning phase" and "response planning".
- 17.03 Discuss MCI communications.
- 17.04 Describe the components of special resources.
- 17.05 Describe the function of "scene command", "scene triage", and the "transferring command function".
- 17.06 Describe section and staging management and a system for patient identification.
- 17.07 Discuss on-scene medical control.

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.

LIST PERFORMANCE STANDARD ADDRESSED: (Continued)

NUMBER(S): TITLES(S):

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.

22.0 ASSESS AND MANAGE SHOCK--The student will be able to:

22.02 Describe fluids, fluid transport, and fluid and electrolyte imbalances.

