COURSE INFORMATION FORM

DISCIPLINE  Emergency Medical Services
COURSE TITLE  Paramedic Laboratory III
CR.HR  3  LECT HR.  _______  LAB HR  6  CLIN/INTERN HR.  _______  CLOCK HR.  _______

CATALOG DESCRIPTION
This course integrates all preceding didactic and laboratory emergency medical services courses into the patient care setting. Students are challenged to think critically about patient assessment and to develop patient management and leadership skills.

PREREQUISITES
EMS 212, 214, and 216 with a grade of C or better.

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Demonstrate history taking and assessment of the comprehensive medical and trauma patient.
2. Integrate skills and procedures necessary to manage comprehensive medical and trauma patients.
3. Integrate proper techniques required to administer medications to patients in simulated scenarios.
4. Assess dynamic electrocardiographic interpretation in simulated scenarios.
5. Demonstrate the ability to function as a team member in comprehensive medical and trauma simulated scenarios.
6. Demonstrate the ability to function as a team leader in comprehensive medical and trauma simulated scenarios.
7. Demonstrate competency in overall management of a complex, comprehensive simulated scenario.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

Outcomes  ESO
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Effectively communicates as an EMS professional.
2. Demonstrates professional behaviors associated with a Prehospital professional.
3. Demonstrates the ability to competently deliver Prehospital emergency medical care.
4. Demonstrates an understanding of basic emergency medical systems.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

Paramedic Psychomotor Competency Portfolio (1-7).
Students will develop and maintain a “portfolio” that tracks progression from introduction to competency.

Oral exam by the Medical Director (1-7)

Summative practical examination (7)

Written final exam (1-6)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. History Taking and Physical Examination  
   A. Comprehensive Adult Physical Assessment Techniques  
   B. Comprehensive Pediatric Physical Assessment Techniques  

II. Airway, Oxygenation and Ventilation  
   A. Adult Orotracheal Intubation Application  
   B. Pediatric Orotracheal Intubation Application  
   C. Needle Cricothyrotomy Application  

III. Trauma  
   A. Comprehensive Adult Trauma Physical Assessment  
   B. Pleural Decompression (Needle Thoracostomy) Application  

IV. Medical  
   A. Comprehensive Medical And Cardiac Physical Assessment  
   B. Medication Administration for the Medical Patient  

V. Cardiac  
   A. ECG Application and Interpretation  
   B. 12-Lead Application and Interpretation  

VI. Scenarios  
   A. Summative Complex Medical Scenario  
   B. Summative Complex Trauma Scenario  
   C. Summative Complex Obstetrics Scenario  
   D. Team Membership In Comprehensive Medical Scenario  
   E. Team Membership In Comprehensive Trauma Scenario  
   F. Team Leadership In Comprehensive Medical Scenario  
   G. Team Leadership In Comprehensive Trauma Scenario