DATE SUBMITTED 10/26/15  CATALOG NO. EMS 224
DATE DICC APPROVED March 22, 2016  DATE LAST REVIEWED 8/2013

COURSE INFORMATION FORM

DISCIPLINE  Emergency Medical Services
COURSE TITLE  Trauma Management
CR.HR  1  LECT HR.  1  LAB HR  CLIN/INTERN HR.  CLOCK HR.  

CATALOG DESCRIPTION
This course provides an in depth review of human anatomy and physiology. Students will gain knowledge in pathophysiology within the human body and management of traumatic injuries.

PREREQUISITES
HLSC 108 or BIOL 109 or BIOL 110 and BIOL 210, EMS 154, 159, 168, 176, 192 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 proper assessment techniques, management, and treatment for a patient in shock.
2. Demonstrate proper assessment techniques, management, and treatment for a bleeding patient.
3. Demonstrate proper assessment techniques, management, and treatment for a patient with chest trauma.
4. Demonstrate proper assessment techniques, management, and treatment for a patient with abdominal trauma.
5. Demonstrate proper assessment techniques, management, and treatment for a patient with genitourinary trauma.
6. Demonstrate proper assessment techniques, management, and treatment for a patient with orthopedic trauma.
7. Demonstrate proper assessment techniques, management, and treatment for a patient with soft tissue trauma.
8. Demonstrate proper assessment techniques, management, and treatment for a patient with head, facial, neck, and spine trauma.
9. Demonstrate proper assessment techniques, management, and treatment for a patient with nervous system trauma.
10. Demonstrate proper assessment techniques, management, and treatment for a pregnant trauma patient.
11. Demonstrate proper assessment techniques, management, and treatment for a pediatric trauma patient.
12. Demonstrate proper assessment techniques, management, and treatment for a geriatric trauma patient.

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

Revised 7/6/16
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.)

Written Examinations (1-13)
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. Trauma Overview
   A. Patient Complaint
   B. Trauma Scoring
   C. Transport Mode
   D. Destination Determination

II. Shock
   A. Pathophysiology
   B. Assessment
   C. Management

III. Bleeding
   A. Anatomy
   B. Physiology
   C. Pathophysiology
   D. Assessment
   E. Management

IV. Chest Trauma
   A. Anatomy
   B. Physiology
   C. Pathophysiology
   D. Assessment
   E. Management

V. Abdominal and Genitourinary Trauma
   A. Anatomy
   B. Physiology
   C. Pathophysiology
   D. Assessment
   E. Management

VI. Orthopedic Trauma
   A. Anatomy
   B. Physiology
   C. Pathophysiology
   D. Assessment
   E. Management

VII. Soft Tissue Trauma
   A. Anatomy
   B. Physiology
   C. Pathophysiology
   D. Assessment
   E. Management

VIII. Head, Facial, Neck, and Spine Trauma
   A. Anatomy
   B. Physiology
   C. Pathophysiology
   D. Assessment
   E. Management
IX. Nervous System Trauma
   A. Anatomy
   B. Physiology
   C. Pathophysiology
   D. Assessment
   E. Management

X. Special Consideration In Trauma
   A. Pregnant Patients
   B. Pediatric Patients
   C. Geriatric Patients
   D. Altered Mental Status Patients