

EMS 260 Trauma Emergencies

COURSE DESCRIPTION:

Prerequisites: EMS-122 **AND** EMS-130

Corequisites: None

This course provides in-depth study of trauma including pharmacological interventions for conditions frequently encountered in the prehospital setting and is required for paramedic certification. Topics include an overview of thoracic, abdominal, genitourinary, orthopedic, neurological, and multi-system trauma, soft tissue trauma of the head, neck, and face as well as environmental emergencies. Upon completion, students should be able to recognize and manage trauma situations based upon patient assessment and should adhere to standards of care.

Course Hours per Week: Class, 1. Lab Hours per week, 3. Semester Hours Credit, 2.

LEARNING OUTCOMES:

Upon completing requirements for this course, the student will be able to:

1. Identify potential hazards to themselves on scenes where patients have sustained traumatic injuries (including aggressors, physical dangers, environmental hazards, hazardous materials, traffic, weapons, explosive devices)
2. Glean information about mechanism of injury from simulated scenes.
3. Perform a thorough trauma assessment on simulated patients - Identify signs and symptoms of traumatic injury on simulated patients.
4. Control simulated bleeding.
5. Identify signs and symptoms of shock.
6. Stabilize simulated traumatic injuries for transport.
7. Identify appropriate ways to access and move injured patients.
8. Administer hemostatic agents and other medications indicated for traumatic injuries.

OUTLINE OF INSTRUCTION:

- I. Didactic
 - A. Soft Tissue Trauma
 - B. Orthopedic Trauma
 - C. Burns
 - D. Chest Trauma
 - E. Head, Face, Neck & Spinal Trauma
 - F. Abdominal/GI Trauma
 - G. Environmental Trauma
- II. Exams
 - A. Trauma Midterm
 - B. Trauma Written Exam
 - C. Trauma TSOPs

REQUIRED TEXTBOOK AND MATERIAL:

AAOS: Sanders' Paramedic Textbook 5th Edition