

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: EMS 163

Credits: 1

Course Title: Prehospital Trauma Life Support (PHTLS)

Course Description: Prepares for certification as a Prehospital Trauma Life Support provider as defined by the American College of Surgeons. Prerequisites: EMS 111 or equivalent. Lecture 1 hour per week.

General Course Purpose: The purpose of this course is to instruct the student in the pathophysiology of blunt and penetrating trauma. In addition, the student is taught the assessment and treatment of blunt and penetrating trauma.

Course Prerequisites and Co-requisites:

Prerequisites: EMS 111 or equivalent

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Understand the pathophysiology of blunt and penetrating trauma;
- b. Manage single-system blunt and penetrating trauma; and
- c. Manage multi-system blunt and penetrating trauma.

Major Topics to Be Included:

- a. Physiology of life and death
- b. Scene assessment
- c. Patient assessment
- d. Airway
- e. Breathing, ventilation, and oxygenation
- f. Circulation, hemorrhage, and shock
- g. Patients with disabilities
- h. Patient simulations

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