

SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
PARAMEDIC
Revision Date: 12/2023

I. CATALOG DESCRIPTION

Course Number: PARM 1143
Course Title: Trauma
Prerequisite(s): Enrollment in Paramedic program or by instructor approval.

Catalog Description: This course shall teach a comprehensive approach to assessment, injury recognition, and management of the trauma patient. An introduction of trauma systems, injury prevention, kinematics, and aeromedical use and integration shall also be discussed.

Credit Hours: 3
Class Hours: 45
Lab Hours: 0
Total Contact Hours: 45

II. COURSE OBJECTIVES: *Course will:*

1. Discuss various mechanisms of injury, including ballistics, encountered within traumatic injuries.
2. Discuss common pathophysiological diseases associated with trauma to the head, face, neck, spine, chest, abdomen, pelvis and extremities.
3. Prepare students to perform the appropriate patient assessment for traumatic situations.
4. Prepare students to recognize and appropriately treat traumatic injuries.
5. Prepare students to successfully complete the Pre-hospital Trauma Life Support (PHTLS) provider course.
6. Review assessment and treatment modalities for medical, cardiac, pediatric, geriatric, OB/GYN, chronically-ill patients, and patients with special considerations.
7. Review pathophysiological effects of trauma on the human body.
8. Discuss how trauma affects various age and special populations groups.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Students will be able to:*

1. Demonstrate appropriate patient assessment and management skills of various traumatic emergencies.
2. Demonstrate successful application of splints involving the spine and extremities.
3. Successfully complete a PHTLS provider course.
4. Demonstrate understanding of didactic material by completing written examinations, quizzes, homework and projects with a cumulative score of $\geq 75\%$.

5. Demonstrate continued competence in the assessment and management of medical, cardiac, pediatric, geriatric, OB/GYN and chronically-ill patients.
6. Demonstrate the professional traits as outlined in the *EMT Oath and Code of Conduct*.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO 3: Critical Thinking & Problem Solving

Outcome 2: Synthesize information to arrive at reasoned solutions to problems

1. The student will demonstrate the ability to create and/or solve scenarios given to them by the instructor formulating diagnosis and treatment of trauma patients.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)

- A. Trauma systems and mechanism of injury
- B. Bleeding and shock
- C. Soft-tissue injuries, including burns
- D. Head, face and neck injuries
- E. Head and spine injuries
- F. Thoracic and abdominal injuries
- G. Musculoskeletal injuries

V. INSTRUCTIONAL MATERIALS

A. Required Text(s):

Bledsoe, B.E., Cherry, R.A., & Porter, R. S. (2023). *Bledsoe's Paramedic Care: Principles and Practices* (Sixth, Vol. 2). Pearson Education, Inc.

Jones & Bartlett Learning. (2020). *PHTLS: PreHospital Trauma Life Support Course Manual* (current ed.)

VI. METHODS OF PRESENTATION/INSTRUCTION

- A. Methods of presentation typically include a combination of the following:
 1. Lecture
 2. Group discussion
 3. Demonstrations

VII. METHODS OF EVALUATION

- A. Methods of evaluation are provided in the Course Information Document (CID) found in the course canvas shell.

SCC STANDARD GRADING SCALE POLICY:

A+	95-100	C+	75-79
A	90-94	C	70-74
B+	85-89	D+	65-69
B	80-84	D	60-64
		F	Below 60

VIII. SPECIFIC COURSE REQUIREMENTS

- A. Students must complete course with a score of Passing $\geq 75\%$ (C+) to continue in the Paramedic Program.
- B. The expectations of students are to abide by the policies and procedures found within the CID and program handbook.