

Hagerstown Community College

Master Syllabus

COURSE: EMS 201 Shock Trauma

DATE: Summer 2020

INSTRUCTOR: Bev Witmer

COURSE DESCRIPTION: The Pathophysiology and treatment of shock, and recognition and management of specific traumatic emergencies will be the focus of this course. Students will use hands-on practical scenarios along with didactic materials to learn these concepts. Total of 30 hours.

TEXTBOOK: Paramedic Care Principles & Practice, Vol 4, 5th Edition Bryan E Bledsoe, Richard Cherry, Robert Porter. Pearson. Included in the following package:

STUDENT LEARNING OUTCOMES:

- Explain the pathophysiology of shock.
- Apply concepts of anatomy and physiology of the circulatory system to explain the disruption of homeostasis that occurs in relation to hemorrhage, as well as the body's compensatory mechanisms for attempting to maintain homeostasis.
- Describe the differences in anatomy, physiology, pathophysiology, assessment, and management of adult, pediatric, geriatric, pregnant, bariatric patients
- Explain different cultural and religious beliefs regarding treatment and transport of injured patients.
- Describe indications, contraindications, advantages, disadvantages, precautions, and procedures for various pharmacological interventions for traumatic injuries.
- Evaluate various trauma scenes for on-going dangers to providers, patients, and the public.
- Identify common injury patterns based on assessing mechanism of injury.
- Given a variety of scenarios, develop management plans for patients with various traumatic injuries.
- Demonstrate lifesaving interventions, including airway management, ensuring adequate oxygenation, ventilation, controlling external hemorrhage, providing appropriate fluid resuscitation, and performing pleural decompression.

MINIMUM CLOCK HOURS REQUIRED FOR THIS COURSE

Activity	Direct Faculty Instruction In-Class 25 Hours Required	Student Work outside of the Classroom 50hours required
In-class “lecture”	25 hours	
Reading chapters		10 hours
Quiz/activity for each chapter	Included in lecture time	10 hours prep
10 lecture exams	Included in lecture time	20 hours exam prep
Cumulative final exam (Academic Testing Center)	Included in lecture time	10 hours exam prep
Total Hours	25 hours	50 hours

If the course is offered in different formats such as hybrid, on-line, face-to-face a separate “Minimum clock hours” table is required for each format.

Services for Students with Disabilities: Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.