

**Hagerstown Community College**  
**OFFICIAL MASTER SYLLABUS DOCUMENT**

**COURSE:** EMS 205 – Pediatric and Trauma Bridge

3 Credits

**INSTRUCTOR:**

**SEMESTER/YEAR:**

**COURSE DESCRIPTION:** This bridge course presents the pathophysiology, assessment, and management of the pediatric patient with various medical conditions and the pathophysiology, assessment, and management of the trauma patient needed for the EMT-I to transition to EMT-P. PEPP and PHTLS certification included. Course fee required. Total of 45 hours of lecture.

**TEXTBOOK:** Paramedic Care, Principles and Practice, 4th Edition, Volume 5, Bryan Bledsoe, 2013 Pearson. Paramedic Care, Principles and Practice, 4th Edition, Volume 6, Bryan Bledsoe, 2013 Pearson.

**STUDENT LEARNING OUTCOMES:**

- 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
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- Describe the characteristics of drugs used to affect pediatrics and geriatrics
- 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.
- Integrates comprehensive knowledge of life span development
- Given a variety of scenarios, develop management plans for patients with various traumatic injuries.
- Utilize the Maryland Trauma Tree to categorize trauma patients.
- Describe special considerations in pediatric, geriatric, and other special populations regarding traumatic injury.

**COURSE WORKLOAD:** Each 3 credit course requires a total of 112.5 hours of instructional time/student work. The course will have 37.5 hours of instructional time and 75 hours will account for student work outside of instructional time. The average is 5 hours per week of student work.

**ACCOUNTING FOR CREDIT HOUR REQUIREMENT:**

| Assignment/Assessment     | Clock Hours                             |
|---------------------------|---|
| In- class instruction     | 37.5                                    |
| 11 quizzes on Moodle      | 30 hours for studying and taking exams  |
| Midterm at Testing Center | 5 hours studying and taking midterm     |
| Final Exam Testing Center | 10 hours studying and taking final exam |
| Assigned readings         | 30 hours reading and note taking etc.   |
|                           | <b>Total Hours: 112.5</b>               |

**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](mailto:dss@hagerstowncc.edu) or at 240-500-2530.