

## Course Outcomes Assessment

**Course Title: EMS 205 Pediatric and Trauma Bridge**

**Program Team: Bev Witmer**

### **Expected 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.

**Assessment** (How do or will students demonstrate achievement of each outcome?)

Skills	Pass/Fail
Quizzes/ Short Exams	= 40%
Participation/Attendance	= 10%
Student Presentation	= 10%
Final Exam	= 40%

**Validation** (What methods have you used or will you use to validate your assessment?)

Students must pass each course with a 70% or greater, receive satisfactory marks in laboratory/clinical skills and affective domain in order to continue with program. Students will also be required to successfully pass the ACLS class.

**Results** (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)

Assessment is planned to commence in Spring of 2014.

**Follow-up** (How have you used or how will you use the data to improve student learning?)

Evaluation of exam scores and NREMT certification results will be used to evaluate outcomes success and the need for course revisions and/or additional resources.

**Budget Justification** (What resources are necessary to improve student learning?)

To be determined in Spring of 2014.