

# Inver Hills Community College

## **EMS 2530: Pediatrics and Obstetrics/Gynecology Assessment and Intervention**

### **A. COURSE DESCRIPTION**

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites:

EMS 2460 - Medical Emergencies I

Corequisites: None

MnTC Goals: None

Provides a comprehensive instruction on obstetrical emergencies, childbirth, pediatric assessment, evaluation and stabilization. Pediatric medical emergencies and trauma are also discussed. This course consists of discussion and hands-on practice of simulated childbirth, neonatal resuscitation, pediatric advanced life support and medical emergency evaluation of the pediatric patient. This course incorporates material outlined in the American Heart Association PALS course, and certification is available to those successfully completing the requirements. Prerequisites: EMS 2460 and Acceptance into the Paramedic Core Program

**B. COURSE EFFECTIVE DATES:** 08/26/2013 - Present

### **C. OUTLINE OF MAJOR CONTENT AREAS**

1. Gynecologic Emergencies 10%
2. Emergency Childbirth 10%
3. Complications of Childbirth 10%
4. Delivery and Resuscitation of the Neonate 10%
5. Pediatric Assessment 12%
6. Medical Emergencies and the Child 10%
7. Childhood Diseases, Care and Treatment 10%
8. Pediatric Trauma Care 10%
9. Advanced Resuscitation for the Pediatric Patient 10%
10. Sudden Infant Death Syndrome and Related Topics 8%

#### **D. LEARNING OUTCOMES (General)**

1. Review the anatomic structures and physiology of the female reproductive system
2. Differentiate between normal and abnormal delivery
3. State indications of imminent delivery
4. State the steps to assist in the delivery of a newborn
5. Describe the care of the Neonate
6. Describe the care of the placenta
7. Describe the abnormal deliveries and discuss procedures for handling each one
8. Describe the maternal complications of labor
9. Identify the normal events of pregnancy
10. Identify the stages of labor and the paramedic's role in each
11. Define child abuse and neglect
12. Define implied consent as it applies to the treatment of a minor
13. Demonstrate advanced cardiac care procedures such as; intraosseous infusion, volume replacement, cardiac resuscitation, trauma care and immobilization, endotracheal procedures
14. Describe the childhood diseases such as croup and epiglottitis and describe the management of each
15. Describe the special considerations of a premature infant
16. Describe the unique features of scene assessment in infant and pediatric cases
17. Discuss SIDS patients and the standards of care for infant and family
18. Discuss route of medication administration in the pediatric patient
19. Discuss the differences found in pediatric trauma patients
20. Explain the treatment and physiology of a child experiencing seizure activity
21. Identify components of pediatric assessment

#### **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted