

# Inver Hills Community College

## EMS 1112: Paramedic Core Preparation

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: 0

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Prepares the student with basic skills necessary to be successful in the paramedic core courses. These skills include basic computer skills necessary to facilitate online course record keeping, online research, and the development of presentations for other health care personnel. The course will also prepare the student in basic medical calculations and the medical terminology to be able to effectively and accurately communicate with other allied health personnel, nurses and physicians. The course will introduce the student to problem-based learning methodology, utilizing all the aforementioned basic skills. Prereq: Current EMT -Basic certification or instructor permission.

**B. COURSE EFFECTIVE DATES:** 08/24/2009 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Effective communication through E-Mail: 5%
2. Introduction to computers and the Internet: 10%
3. Introduction, methods and practice of problem-based learning: 20%
4. Medical terminology: 25%
5. Researching topics using the library resources and WWW: 10%
6. Review of fractions, ratios and dimensional analysis: 5%
7. Using the EMS data base (FISDAP): 25%

### D. LEARNING OUTCOMES (General)

1. Incorporate the use of computers in research, reporting and presentations
2. Communicate effectively through the use of accepted medical terminology in reports and public presentations
3. Participate in problem-based learning activities to enhance problem solving skills
4. Enter run report data and field clinical shifts using the IHCC EMS database
5. Perform basic computer skills such as e-mail file transfer and logins
6. Search, browse and retrieve information on the WWW
7. Define functions of the WWW, E-mail, FTP and Telnet
8. Solve basic math problems involving decimals, fractions, and ratio proportions

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted