

JCC OFFICIAL COURSE OUTLINE

Course number, title and credits; total time allocation

| | | | | | |
|--------------------|----------------|--------------|----------|-----------|--------------------------------|
| Course Number | EMS 113 | Credits | 5 | Title | Medical First Responder |
| Lecture/Discussion | 50 | hrs/semester | Lab | 50 | hrs/semester |
| | | | | Clinical | hrs/semester |

Catalog description and Pre- and Co-requisites (Same as taxonomy and catalog)

The Medical First Responder course (MFR) is a 64 hours lecture, lab, and practical based emergency medical education program in a wide variety of medical and trauma settings. This level of education is the first level of licensure that the State of Michigan recognizes for a professional emergency healthcare provider.

The scope of practice is typically utilized by rural Fire Departments, Police and Security agencies, industrial plant workers, lifeguards, search and rescue teams, along with private and public school personnel.

Prerequisites: None

Knowledge, skills and abilities Students Acquire from this Course (Educational Objectives)

Upon complete of this course, students should demonstrate appropriate knowledge and understanding of the following:

- The duties and responsibilities of an MFR.
- The medical terms, abbreviations, and symbols commonly used in the EMS field.
- Knowledge of the anatomy and physiology of the human body.
- Able to administer CPR and First Aid; trauma care; patient assessment; IV maintenance
- Knowledge of the ambulance operations

Associate Degree Outcomes Addressed in this Course (These must appear in course syllabus)

N/A

Units/topics of Instruction

Medical/Legal issues; patient vitals; airway; patient assessment; scene size-up; poisoning/overdose emergencies; allergic reactions; etc.

Dissection Lab (heart and lung)

Operational processes of EMS team members

Instructional Techniques and Procedures

Lecture, collaborative discussions, lab competency skills, electronic communication.

Instructional Use of Computer or Other Technology

Students will be required to complete assigned tasks/assignments/quizzes utilizing computer based application per instructor discretion. Student should possess basic level computer application knowledge and/or skills.

Instructional Materials and Costs to Students

Text books: Anatomy & Physiology for Emergency Care (Martini) - \$93.00

Course fee - \$70

Skills and abilities students should bring to the course

| | | | |
|--------------|--|-----------------|--|
| Able to read | <input type="checkbox"/> a limited amount of material <input checked="" type="checkbox"/> an average amount of material <input type="checkbox"/> an above average amount of material | Able to compute | <input type="checkbox"/> basic, pre-algebraic problems <input checked="" type="checkbox"/> simple algebraic problems <input type="checkbox"/> higher order mathematical problems |
| Able to read | <input type="checkbox"/> relatively easy material <input checked="" type="checkbox"/> moderately difficult material <input type="checkbox"/> technical or sophisticated material | Able to write | <input checked="" type="checkbox"/> short compositions <input type="checkbox"/> medium length compositions <input type="checkbox"/> lengthy compositions |
| Able to use | <input type="checkbox"/> keyboard skills/familiar with computer <input checked="" type="checkbox"/> computer application | Other necessary | <input type="checkbox"/> |

technology



web navigation

abilities



The course is usually scheduled

Day:



Fall



Winter



Spring

Evening:



Fall



Winter



Spring

Prepared by Marla K. Clark

Date 10-27-10

Approved by Dept.

Date

Approved by Dean

Date

Approved by Curriculum Committee

Date

(last names, please)