

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: Emergency Medical Technician (EMT)
Semester Course Prefix and Number: EMSV 1656
Old Quarter Course Prefix and Number: HLTH 117

Submitted By: Laura Korpi
Approval Date:
Revision Date:

Number of Credits: 7

Number of Lecture Credits: 4.5

Semester(s) Offered:

Class Size: 20

Negotiated by AASC on:
(date)

Number of Lab Credits: 2.5 Number of Lab Hours: 5

Number of Studio/Demonstration/Internship Credits:

Course Purpose Code:

0 – Developmental Courses

1 – Non-transferable

2 – Technical course related to career programs

3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)

4 – Other college course not considered a part of MNTC (e.g. computer science, health, physical education)

5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.

9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:

The Emergency Medical Technician course educates participants to be a part of the nation's Emergency Medical System. Emphasis includes scene control, patient assessment, triage, use of standard equipment, transport concerns, legalities, and physiological theory related to medical and trauma situations. EMT Certification requires hospital and/or ambulance time, skill test competencies, 70% passing on the written final and on all sections of the National Registry Exam, and fee payments associated with the NREMT Exam.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): Course Prerequisite(s): Age 18 when testing, Ability to lift and carry (with a partner) up to 225 lb. people. Communications skills, and the ability to apply equipment used in the field. Anyone with a felony record needs to have clearance to test and be certified. A current CPR card: AHA BLS Healthcare Provider.

Career Programs and Transfer Majors Accessing this Course:

Wilderness Management, Park and Recreation, Law Enforcement and Paramedic.

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:

(Notes: No more than two goals may be met by any one course. Curriculum Committee review and the Chief Academic Officer's approval are required.)

0. None

1. Communications

2. Critical Thinking

3. Natural Sciences

4. Mathematical/Logical Reasoning

5. History and the Social and Behavioral Sciences

6. The Humanities and Fine Arts

7. Human Diversity

8. Global Perspectives

9. Ethical and Civic Responsibility

10. People and the Environment

Learning Outcomes: (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

1. Explain the roles of the EMT-B within the EMS system including legal and ethical issues.
2. Identify and describe basic anatomy & physiology and perform basic airway management techniques.
3. Define and describe the basic pathophysiology of multiple diseases.
4. Perform accurate patient assessments, treat for life-threatening conditions, and learn skills such as measuring vital signs, documentation, and communication.
5. Identify, describe and apply basic pharmacology in treating medical emergencies as well as learning about respiratory, cardiac, diabetic, allergy, poisoning & overdose, environmental, behavioral, and obstetric/gynecological emergencies.
6. Perform appropriate treatments for medical related injuries.
7. Perform appropriate treatments for trauma related injuries.
8. Describe medical conditions and injury patterns that are common in infants and children as well as the differences between treating adults and pediatric patients.
9. Perform basic ambulance operations, motor-vehicle collision rescues, and multiple-casualty and hazardous materials incidents.
10. Students will pass the basic competency exams involving the National Incident Management System (NIMS) and retain the appropriate certification.

Student Assessment Methods: (Students will practice...)

1. Identifying "cause and effect" mechanisms
2. Developing questions, interviewing
3. Communication with patients, bystanders, EMS team, EMS system
4. Situational analysis, prioritizing, decision making
5. Review of procedures and discussion of how to improve them
6. Identifying and recalling major concepts and facts through oral and written questioning

Use of Instructional Technology: (includes software, interactive video and other instructional technologies): PowerPoint presentations, interactive online activities, game show-style competitions, D2L exams and assignments and training videos approved by the EMSRB.

Additional Special Information: (special fees, directives on hazardous materials, etc.)

Special fees include malpractice insurance fee, the Fisdap final exam fee and uniform for EMS ride alongs in the field.

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Course Outline Revision History:

Approvals:

Body	Representative Signatures	Date
Curriculum Committee		
Faculty Association		
Academic Affairs Standards Committee		
Chief Academic Officer		

Distribution: Original – Instructional Services
Copies: Transfer Specialist, Originating Faculty Member, Records
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