

# Mesabi Community & Technical College

## EMT Basic Refresher Course Outline

**Course Title: EMT Basic Refresher**  
**Quarter Course Prefix and Number:**  
**Semester Course Prefix and Number: EMSV 1926**

**Approval Date:**  
**Revision Date:**

**Number of Credits: 2**                      **Number of Lecture Credits: 2**                      **Number of Lab Credits:**  
**Semester(s) Offered:**                      **Number of Studio/Discussion Credits:**

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### Course Purpose Code:

- 0** - Developmental Courses
- 1** - General Studies (Eveleth campus only)
- 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 general education (MNTC) e.g. computer science, health, physical education
- 5** - Course which is intended to fulfill general education, Minnesota Transfer Curriculum (MNTC) requirements
- 9** - Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

### Catalog Description:

The Emergency Medical Technician Refresher course provides updated course materials for participants to be re-certified as part of the nation's biyearly Emergency Medical System re-certification process. Emphasis includes a review of scene control, patient assessment, triage, use of standard equipment, transport concerns, legalities, and physiological theory related to medical and trauma situations. EMT re-certification requires successful completion of the National Registry Practical Exam.

### Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): Current EMT Certification within four years. Anyone with a felony record needs to have clearance to test and be re-certified. Current CPR Card: Healthcare Provider or Professional Rescuer  
Reading Prerequisite:  
Composition Prerequisite:  
Mathematics Prerequisite:

### Career Programs and Transfer Majors Accessing this Course:

Wilderness Management, Park & Recreation, Law Enforcement, 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 Vice President of Academic Affairs 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:** Course objectives are attached.

**Possible 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 (include software, interactive video and other instructional technologies):** Powerpoint presentation and training videos approved by the EMSRB

**A one-paragraph summary or outline of the major course content:**

The EMT Refresher course includes review of the following medical/trauma conditions  
 Airway problems, cardiac arrest, external and internal bleeding, shock, injuries to all body parts, fractures, dislocations, sprains, poisons, heart attack, stroke, diabetes, acute abdomen, communicable diseases, patient with abnormal childbirth, burns (chemical, electrical, heat and radiation), emergencies caused by hot and cold environmental conditions, and emergencies resulting from water hazards.

Equipment skills include:

stretchers, suctioning, airways, resuscitation devices, oxygen equipment and delivery systems, sphygmomanometers and stethoscopes, splints, backboards, c-collars, dressing, bandages, PASG's, and other equipment used within the local EMS system.

**Additional special information (special fees, directives on hazardous materials, etc.)**

**APPROVALS:**

Body	Representative Signature	Date
Curriculum Committee		
Faculty Association		
Meet and Confer		
Vice President of Academic Affairs		

Distribution: Original - Administrative Office, Library, Learning Center, Records, Student Services

## **EMT- Basic Refresher Course Objectives**

1. Student will review the roles of the EMT-B within the EMS system with regards to legal and ethical issues and the well being of the EMT-B.
2. Student will review the philosophy of airway interventions and review airway equipment.
3. Student will perform accurate patient assessments with considerations for scene safety.
4. Student will review general pharmacology, AED operations, CPR skills, and other common medical emergencies.
5. Student will review treatments for shock, trauma related injuries, and the need for rapid extrication.
6. Student will review assessment techniques and treatments for infants and children.