MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

Faculty is required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT: EMS                        COURSE NUMBER: EMS 1101

NUMBER OF CREDITS: 2.5 Credits (1.5 lect/pres, 1 lab, 0 other)

COURSE TITLE: Introduction to Emergency Medical Technician

CATALOG DESCRIPTION: Develops the initial foundation of emergency care and scene safety. Preparing individuals to evaluate and identify emergencies, employ their knowledge, psychomotor skills and application of those skills to provide basic life support as an Emergency Medical Technician. Including initial patient assessment, comprehensive prehospital care as outlined by most current educational standards identified by the Minnesota EMS Regulatory Board and the National Registry of EMTs.

AUDIENCE: Students interested in being certified as an EMT, careers in Emergency Medical Services or looking for technical electives in the healthcare field.

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*
Area: by meeting the following competencies:

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: None

LENGTH OF COURSE: Approximately 45 hours

THIS COURSE IS USUALLY OFFERED: Blended Online
Every other year [□] fall [x] spring [x] summer [□] undetermined [□]

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The academic objectives of this course are as follows:
   a. The focus of this course is to provide lectures outside study and other assignments, classroom demonstrations and practical scenario exercises.
   b. This will demonstrate the use of emergency equipment, patient assessment, and care of trauma and medical emergencies relative to the Emergency Medical Technician.

2) THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through:
   a. The student will be able to demonstrate problem solving skills using patient assessment scenarios, and the virtual patient encounter exercises to evaluate, determine and deliver best patient care.

3) COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through:
a. The student will be expected to communicate verbally in writing (documentation on run sheets) with additional EMS personnel during patient care regarding the patient assessment, ongoing needs and transferring care to another healthcare provider.
b. Each student will interact with discussion forums to enforce knowledge and application of the course material assigned.

4) HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through:
   a. Understanding the roles of the EMT and their obligations to promote selfless assistance to their patients in their time of need.
   b. Disregarding the personal thoughts and beliefs of the patient and their life styles and situations.

TOPICS TO BE COVERED:
Modules presented in the Introduction to EMT include: (1) Foundations to Emergency Medical Services (2) Airway Management and Ventilation, (3) Patient Assessment (Scene size up, Primary Assessment, Vital Signs and Sample History, Trauma and Medical Patient). Including comprehension, application and psychomotor skills outlined by the current educational standards.

Additional Expected Course Requirements:
All students will 90% attendance of skills and successful completion of this course with a grade of "C" or higher per EMSRB and NREMT guidelines. The student will need to successfully complete the current AHA Healthcare Provider CPR course at the beginning of the Introduction to EMT or show they have a current AHA Healthcare Provider CPR card.

Students will need to successfully complete both the Introduction to EMT as well as EMT Completion/Bridge course to be eligible for the state and national certification exams at the end of the course.

All EMS students will need to complete background checks through the MN EMS Regulatory Board and the National Registry of EMTs to be eligible for Certification as an EMT.

LIST OF EXPECTED COURSE OUTCOMES:
• Define key terms used in the Emergency Medical Services and demonstrate the importance of proper use of medical terminology and EMS acronyms.
• Apply fundamental knowledge of the EMS system, safety and well-being of the EMT, medical/legal and ethical issues to the provision of Emergency Care.
• Define the EMT role/responsibilities of emergency medicine.
• Describe the essential elements for safely lifting/moving patients in emergency and non-emergency situations.
• Demonstrate knowledge of fundamentals of anatomy and physiology of the body systems.
• Describe the physical, physiological and typical psychosocial characteristics including normal vitals signs of all age groups throughout the development of the life span.
• Describe the essential elements for airway management.
• Perform thorough assessment of patient’s airway and breathing.
• Perform appropriate oxygen therapy in the prehospital setting.
• Describe the essential elements for safe and efficient response to the scene of a trauma and medical emergency.
• Demonstrate thorough initial and primary assessments for signs and symptoms of a medical and trauma patient in the emergency setting.
• Identify the vital signs used in prehospital setting and demonstrate proper assessment of these vital signs.
• Integrate assessment and monitoring of vital signs into the patient assessment process according to the patient’s condition and the situation.

LEARNING/TEACHING TECHNIQUES used in the course are:

- Collaborative Learning
- Student Presentations
- Creative Projects
- Lecture
- Demonstrations
- Lab
- Problem Solving
- Interactive Lectures
- Individual Coaching
- Films/Videos/Slides
- Other (describe below)
- Online interactive activities and virtual patient care projects

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- Reading
- Oral Presentations
- Textbook Problems
- Group Problems
- Other (describe below)
- Tests
- Worksheets
- Papers
- Term Paper
- Individual Projects
- Collaborative Projects
- Portfolio

EXPECTED STUDENT LEARNING OUTCOMES: Students will master the fundamentals of Introduction to Emergency Medical Technician, completed the certification requirements for American Heart Association BLS CPR at the healthcare provider level and will have met the expectations to continue into the EMT Completion/Bridge course.

All information is subject to revision

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or via your preferred Telecommunications Relay Service.

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