

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. EMS

COURSE NUMBER: 1110

NUMBER OF CREDITS: 2

Lecture: 1.5 Lab: .5 OJT 0

Course Title:
Emergency Medical Responder

Catalog Description:
Emergency Medical Responder introduces the initial foundation of emergency care and scene safety. Prepares 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 Responder. Includes initial patient assessment and comprehensive prehospital care as outlined by the most current educational standards identified by the Minnesota EMS Regulatory Board, the American Heart Association's BLS CPR for Healthcare Provider standards and DOT standards.

Prerequisites or Necessary Entry Skills/Knowledge:
None

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

- ☐ Goal 1: Communication: By meeting the following competencies:
- ☐ Goal 2: Critical Thinking: By meeting the following competencies:
- ☐ Goal 3: Natural Sciences: By meeting the following competencies:
- ☐ Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- ☐ Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- ☐ Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- ☐ Goal 7: Human Diversity: By meeting the following competencies:
- ☐ Goal 8: Global Perspective: By meeting the following competencies:
- ☐ Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- ☐ Goal 10: People and the Environment: By meeting the following competencies:

Goal 10: People and the Environment: ____ by meeting the following competencies:

Topics to be Covered
Foundation to Emergency Medical Services
Airway management and ventilation
Scene size up
Primary assessment, vital signs, sample history, and trauma of medical patients of all ages

Comprehension application and psychomotor skills outlined by the current educational standards
Emergency care for special populations including obstetrics, geriatrics, pediatric and special needs

Student Learning Outcomes
Define key terms used in Emergency Medical Services and proper use of medical terminology and EMS acronyms
Apply fundamental knowledge of the EMS system to the safety and well-being of the EMR and medical, legal and ethical issues to the provision of Emergency Care
Perform a thorough assessment of patient's airway and breathing to determine appropriate airway adjuncts to be used in an emergency setting
Demonstrate the use of and appropriate administration of oxygen therapy
Describe and demonstrate the essential elements of a primary assessment including vital signs, sample history of the trauma for medical patients
Describe how to appropriately administer emergency care to special populations including obstetrics, geriatrics, pediatric and special needs
Explain the fundamental knowledge of EMS operations, highway safety, patient extrication, hazardous materials, multi-casualty incidents, incident management, and EMS response to terrorism
Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
*If yes, please list the competencies below

Revised Date: 12/13/2021