

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

DEPT. EMS

COURSE NUMBER: 1112

NUMBER OF CREDITS: 1

Lecture: .5 Lab: .5 OJT 0

<b>Course Title:</b>
AHA CPR Healthcare Provider, AED, First Aid Certification

<b>Catalog Description:</b>
AHA CPR Healthcare Provider, AED, First Aid introduces skills necessary to become certified in CPR, First Aid and AED aligned with the current American Heart Association Guidelines for the CPR Healthcare Provider Certification and Certification in Automated External Defibrillation and First Aid. The student will be able to properly and safety assess a patient, recognize signs and symptoms and administer the appropriate treatment.

<b>Prerequisites or Necessary Entry Skills/Knowledge:</b>
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:

<b>Topics to be Covered</b>
Chain of survival, basic anatomy and physiology of the respiratory, cardiovascular and cerebrovascular system
Signs and symptoms of cardiac and stroke emergencies, risk factors of heart disease and stroke
Adult, child and infant CPR, obstructed airway, rescue breathing, and appropriate use of an Automated External Defibrillator
First Aid fundamentals including scene safety, personal safety and patient assessment
Forms of treatment for medical, traumatic, and environmental emergencies

## Student Learning Outcomes

Describe the chain of survival, basic anatomy of the respiratory, cardiovascular, and cerebrovascular systems

Identify the signs and symptoms of cardiac and stroke emergencies and explain the risk factors associated with heart disease

Demonstrate effective life-saving CPR skills on infants, children and adults including effective rescue breathing and treatment of obstructed airways

Perform correct use of an Automated External Defibrillator

Identify medical/trauma/environmental emergencies and demonstrate first aid skills in treatment of these emergencies

Explain the importance of scene safety and personal safety

**Is this course part of a transfer pathway: Yes  No**

**\*If yes, please list the competencies below**

Revised Date: 12/13/2021