Faculty members are 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: 1112

NUMBER OF CREDITS: 1 Lecture: .5 Lab: .5

Course Title:
AHA CPR Healthcare Provider, AED, First Aid Certification

Catalog Description:
This course introduces the 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 safely assess a patient, recognize signs and symptoms and administer the appropriate treatments.

FULFILLS MN TRANSFER CURRICULUM AREA(S)
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:

Prerequisites or Necessary Entry Skills/Knowledge:
None
Topics to be Covered

1. Chain of survival, basic anatomy and physiology of the respiratory, cardiovascular, and cerebrovascular systems
2. Signs and symptoms of cardiac and stroke emergencies, risk factors of heart disease and stroke.
3. Adult, child and infant CPR, obstructed airway, rescue breathing, and appropriate use of an Automated External Defibrillator.
4. First Aid fundamentals including scene safety, personal safety, and patient assessment.
5. Forms of treatment for medical, traumatic, and environmental emergencies.

Student Learning Outcomes

1. Describe the chain of survival, basic anatomy of the respiratory, cardiovascular, and cerebrovascular systems.
2. Identify the signs and symptoms of cardiac and stroke emergencies and explain the risk factors associated with heart disease.
3. Demonstrate effective life-saving CPR skills on infants, children and adults including effective rescue breathing and treatment of obstructed airways.
4. Perform correct use of an Automated External Defibrillator.
5. Identify medical/trauma/environmental emergencies and demonstrate first aid skills in treatment of these emergencies.
6. Explain the importance of scene safety and personal safety.

Is this course part of a transfer pathway: Yes ☐ No ☒

Revised Date: 05/2020