

# North Hennepin Community College

## HLTH 1600: Emergency Medical Responder

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

The course provides training in emergency medical care for persons who are apt to be responding to accidents. The course emphasizes the development of skills in patient assessment and emergency medical procedures. The goal is to prepare you for work in the emergency medical arena as a first responder. The course will provide you with the information needed to make competent decisions regarding medical and trauma patients.

### B. COURSE EFFECTIVE DATES: 01/01/2015 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Roles, responsibilities and scope of care of the First Responder
2. Accident scene safety, Bloodborne pathogen safety
3. Differences in anatomy and physiology of the pediatric and adult patient
4. Problems related to traumatic injury; different phase of labor; adequate and inadequate breathing; AED; START triage; BLS skills on an adult, child and infant (per AHA guidelines)
5. Follows standards set forth by the State of Minnesota and the Department of Transportation to be certified as a Minnesota First Responder and allows the student to take the National Registry of First Responders.

### D. LEARNING OUTCOMES (General)

1. Appropriately demonstrate BLS (per AHA guidelines) on adult, child, and infant manikins (NHCC ELO 1)
2. Render care to a trauma patient using proper assessment skills and provide appropriate interventions on a simulated patient. (NHCC ELOs 1, 2)
3. Render care to a medical patient using proper assessment skills and provide appropriate interventions on a simulated patient. (NHCC ELOs 1, 2)
4. Manage a cardiac arrest situation using CPR, and AED, airway adjuncts, and proper ventilation devices. (NHCC ELOs 1, 2)
5. Properly assemble an O2 tank, attach a face mask to patient with proper liter flow, measure and inset an oral and nasal airway, and properly ventilate a patient using a flow-restricted, oxygen powered ventilation device. (NHCC ELO 1)
6. Properly manage patient care to someone with a PSDE injury. (NHCC ELOs 1, 2)
7. Properly manage patient care to someone who has a possible spinal injury. (NHCC ELOs 1, 2)
8. Properly control bleeding and provide proper interventions for a patient in hypoperfusion. (NHCC ELOs 1, 2)

**E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

1. Knowledge of Human Cultures and the Physical and Natural World--Through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.
2. Intellectual and Practical Skills--Including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.