

# Dakota County Technical College

## HEAL 1030: Emergency Care for Technical Trades

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This is an industry-related course that covers the knowledge and skills that are needed for emergency care of the injured or ill until medical help may be obtained and creates interest in the prevention of accidents and illness. This course covers the knowledge for prevention of death from heart attack or stroke and the signals and actions for survival. Covered also are the care and prevention of natural element conditions that may become life threatening situations. Basic skills performed in the management of basic life support are in accordance with standards set by the National Safety Council.

**B. COURSE EFFECTIVE DATES:** 09/01/1998 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**

#### **D. LEARNING OUTCOMES (General)**

1. activate and manage obstructed airways
2. apply dressings and bandages
3. apply splinting and care of extremities
4. categorize actions at an emergency
5. categorize and describe healthy life styles
6. categorize and identify correct EM care for burns
7. categorize and identify proper required care for poisoning
8. categorize dressings and bandages
9. define what is first aid
10. demonstrate and identify FA and EM care of extremities
11. demonstrate CSM
12. demonstrate proper and safe rescue and moving of injured victims
13. demonstrate proper care and handling procedures for cold related emergencies
14. demonstrate proper care and handling procedures for heat related emergencies
15. demonstrate rescue breathing
16. demonstrate single and two person CPR
17. describe basic heart and lung structure
18. describe basic life saving procedure for adults, children and infants knowing differences from one another
19. describe what are legal considerations
20. determine and list the signs and symptoms of heart attacks and strokes
21. determine disease situation precautions
22. identify and apply required FA and EM care for abdominal and pelvic injuries
23. identify and apply required FA and EM care for bone, joint and muscle injuries
24. identify and apply required FA and EM care for chest injuries
25. identify and apply required FA and EM care for head and spine injuries
26. identify and apply required FA or EM practices for specific bites and stings
27. identify and demonstrate required care of sudden illnesses
28. identify and discuss heart attack risk factors
29. identify and perform required EM care for amputations
30. identify and perform required EM care for closed wounds
31. identify and perform required EM care for open wounds
32. identify heart attack and risk factors
33. justify the needs and reasoning for first aid training
34. perform basic life saving procedures for adults, children and infants

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted