COMMON COURSE OUTLINE: Course discipline/number/title: HLTH1102: Industrial Safety and First Aid

A. CATALOG DESCRIPTION
1. Credits: 2
2. Hours/Week: 30 hours per semester
3. Prerequisites (Course discipline/number): None
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

This course will consist of lectures, video scenarios, demonstrations, and practice in emergency first aid care. The course will cover different safety aspects in industry, safety engineering, industrial hygiene, life safety and the importance of the Occupational Safety and Health Act (OSHA) and the Right to Know Act. An American Red Cross Adult CPR and Standard First Aid Certificate will be issued after successful completion of the course. RECOMMENDED ENTRY SKILLS/KNOWLEDGE: College Level Reading.

B. DATE LAST REVISED (Month, year): February, 2005

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Recognizing an Emergency
2. Deciding to Act
   a) Citizen Responder Criteria
   b) Legal Considerations
   c) Good Samaritan Law
   d) Duty to Act
   e) Standard of Care
   f) Negligence
   g) Consent
   h) Refusal of Care
   i) DNR Orders
   j) Confidentiality
   k) Record Keeping
3. Taking Actions
4. Disease Transmission
   a) Breathing Barriers
   b) Gloves
5. Checking the Victim
6. Adult Life Threatening Emergencies
7. Breathing Emergencies
   a) Rescue Breathing
   b) Airway Obstruction
8. Recognizing a Heart Attack
9. Cardiac Emergencies
   a) CPR
10. Injuries
    a) Wounds
    b) Burns
    c) Muscle Skeletal
11. Sudden Illness
    a) Seizures
    b) Diabetic Emergencies
    c) Stroke
    d) Poisoning
    e) Heat/Cold Related Illnesses
12. OSHA/MNOSHA
13. Right to Know Act/Human Hazard Communications
    a) Hazardous substances
C. OUTLINE OF MAJOR CONTENT AREAS: Continued. . .
   b) Harmful Physical Agents
      c) Infectious Agents
14. Material Safety Data Sheet
15. Industrial Hygiene
16. Ergonomics
17. Occupational Injury/Illness
18. Healthy Lifestyles
   a) A Safer and Healthier Life and Environment
   b) Self Responsibility

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Explain OSHA, its purpose and how it works
   2. Explain the Right to Know Act and its purpose
   3. Explain the meaning and purpose of the Material Safety Data Sheet
   4. Evaluate the first aid needs of an occupational injury and/or illness
   5. Care for priority First Aid needs
   6. Recognize hazardous situations in the workplace and take effective measures to reduce and eliminate hazards
   7. Explain how the EMS system works
   8. Identify guidelines to follow to ensure personal safety and the safety of others at an emergency scene

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
   1. Class Participation
   2. Practical Skills Test
   3. Scenarios
   4. Safety Program Report
   5. Written Tests

G. SPECIAL INFORMATION (if any):
   Will be using manikins with face masks and gloves and breathing barriers.