

Course discipline/number/title: HLTH 1102: Industrial Safety and First Aid

A. CATALOG DESCRIPTION

1. Credits: 2
2. Hours/Week: 2
3. Prerequisites (Course discipline/number): None
4. MnTC Goals (if any): NA

This course is designed to cover different safety aspects in industry. Topics discussed include; safety engineering, industrial hygiene, life safety and the importance of the Occupational Safety and Health Act (OSHA) and the Right to Know Act. The course uses a variety of formats; lectures, video scenarios, demonstrations, and practice in industrial safety practices and emergency first aid care. An American Red Cross CPR/AED and Standard First Aid Certificate is awarded after successful completion of the course, successful completion of all American Red Cross criteria and payment of the testing fee.

B. DATE LAST REVISED (Month, year): April, 2017

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Right to Know Act/Human Hazard Communications
2. Material Safety Data Sheet Use
3. Industrial Hygiene
4. Ergonomics, Lock Outs, Confined Spaces, and Safe Lifting
5. Occupational Injury/Illness
6. OSHA/MNOSHA
7. Healthy Lifestyles
8. Recognizing an Emergency and Deciding to Act
9. Disease Transmission Prevention
10. Recognizing and Providing Care for Breathing and Life Threatening Emergencies
11. Recognizing and Providing Care for Cardiac Emergencies
12. Providing Care for Musculoskeletal Injuries, Burns, Heat and Cold Emergencies and Sudden Illness

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Explain the Right to Know Act and its purpose
2. Explain the role, use of and purpose of the Material Safety Data Sheet.
3. Recognize and evaluate worksite environments and take identify effective measures to reduce and eliminate hazards to create a safe workplace.
4. Evaluate and prioritize the first aid needs of an occupational injury and/or illness.
5. Explain OSHA, its purpose, role and criteria.
6. Identify guidelines to follow to ensure personal safety and the safety of others in a workplace.
7. Provide emergency, citizen CPR/AED/First Aid care as required in any situation.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

Methods may include but are not limited to:

1. Attendance/Participation
2. Written Assignments
3. Practical Skills Test
4. Written Exams

G. RCTC CORE OUTCOME(S) ADDRESSED:

Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

H. SPECIAL INFORMATION (if any): None