



MASTER COURSE OUTLINE

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COURSE TITLE

Industrial First Aid and C.P.R. Plus Bloodborne Pathogens

GENERAL COURSE INFORMATION

Dept.: FAD

Course Num: 150

(Formerly:)

CIP Code: 51.0998

Intent Code: 21

Program Code: 712

Credits: 2

Total Contact Hrs Per Qtr.: 24

Lecture Hrs: 20

Lab Hrs: 4

Other Hrs: 0

Distribution Designation: General Elective GE

COURSE DESCRIPTION (as it will appear in the catalog)

An advanced industrial first aid course and blood borne pathogen course designed to meet the Department of Labor and Industry, OSHA and WISHA requirements. Intended for supervisory personnel, employees, pre-nursing, Pre-Emergency Medical Technicians, and those interested in having first aid and C.P.R. training. This course is recognized in the U.S. and several foreign countries by federal and state agencies and company employers.

PREREQUISITES

None

TEXTBOOK GUIDELINES

Emergency Care and Safety Institute, First Aid, CPR, and AED 6th Edition, Emergency Care and Safety Institute, *Bloodborne Pathogens* or similar text as determined by instructor.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:

(from Medic First Aid – Basic Plus CPR, AED, and First Aid for Adults)

1. Describe how to recognize and provide first aid treatment for sudden cardiac arrest.
2. Explain the priority of personal safety when responding to an emergency situation.
3. Explain the importance of Universal Precautions and using protective barriers.
4. Identify how to activate emergency medical services (EMS) or an occupational emergency action plan.
5. Explain how to perform effective chest compressions.
6. Describe how to perform effective rescue breaths using a CPR mask or shield.
7. Describe the steps of a primary assessment for an unresponsive person.
8. Explain how to protect the airway of an unresponsive, breathing victim.
9. Describe the steps of performing CPR as a single provider.
10. Describe the steps for safely and correctly attaching and operating an automated external defibrillator (AED).
11. Describe how to recognize and provide first aid treatment for choking.

12. Describe the steps of a primary assessment for a responsive victim.
13. Describe how to recognize and provide treatment for severe bleeding, shock, a head, neck, or back injury, a swollen, painful, deformed limb, a burn, a person with an altered mental status, stroke.
14. Describe how to recognize and provide treatment for breathing difficulty or shortness of breath, asthma, a severe allergic reaction, pain, severe pressure, or discomfort in the chest, poisoning, heat- and cold-related emergencies.
15. Describe how and when to perform an emergency move.

Skill Objectives

Upon completion of this training program, a student will be able to:

1. Correctly demonstrate the removal of contaminated gloves.
2. Correctly demonstrate external chest compressions.
3. Correctly demonstrate rescue breaths using a CPR mask or shield.
4. Correctly perform a primary assessment for an unresponsive person.
5. Correctly demonstrate CPR as a single provider.
6. Correctly perform a primary assessment for a responsive person.
7. Correctly demonstrate how to control severe bleeding.
8. Correctly demonstrate how to stabilize a suspected broken bone.

INSTITUTIONAL OUTCOMES

IO3 Human Relations/Workplace Skills: Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills.

COURSE CONTENT OUTLINE

1. Assessment
2. Shock
3. Bleeding
4. Specific body area injuries
5. Poisoning
6. Burns
7. Cold & heat related injuries
8. Bites and stings
9. Bone, joint & muscle injuries
10. Medical emergencies
11. C.P.R. (adult, child & infant)
12. Trauma
13. Childbirth
14. Depression and suicide
15. Alcohol/Drug related emergencies
16. Blood borne pathogens
17. Abuse and assault

DEPARTMENTAL GUIDELINES *(optional)*

May be taken for a grade or on a Pass/Fail basis. A 70% is needed to pass but a 75% is needed to certify.

DIVISION CHAIR APPROVAL

DATE