

Revised by: C. Bertram  
Reviewed by: R. Mallard  
C & G Ed approval: November 8, 2010  
Board approval: December 9, 2010

Industrial Education Safety (IES) 1062 Trainer Course in Occupational Safety and Health Standards for General Industry (1.5 Units)

[formerly Industrial Education Safety 59B]

Prerequisite: Successful completion in Industrial Education Safety 1061 with a grade of “C” or better

Prerequisite knowledge/skills:

Before entering the course the student should be able to:

1. locate and apply OSHA Safety and Health standards, policies and procedures,
2. utilize OSHA standards and regulations to supplement an on-going safety and health program,
3. identify common violations of OSHA standards and propose abatement actions, and
4. describe appropriate abatement procedures for selected safety and health hazards.

Total Hours: 26 hours lecture

Catalog Description: This course is designed for those preparing to train workers in industrial safety and health. The course builds on the subject matter presented in Industrial Education Safety 1061 focusing on effective preparation and presentation of Federal and California Occupational Safety and Health Administration (OSHA) policies, procedures, standards, and broad spectrum of safety and health principles. The course will also cover the development and delivery of safety presentations. This course is offered on a Pass/No Pass basis with the option to receive a letter grade.

Type of Class/Course: Degree Credit

Textbook: *29CFR 1910 General Industry Regulations*. Mangan Communications, Inc.: Davenport, Iowa, 2008. Print.

*Cal-OSHA General Industry Safety Orders*. Mangan Communications, Inc.: Davenport, Iowa, 2010. Print.

Additional Required Materials: None

Course Objectives:

By the end of the course, a successful student will be able to:

1. locate and apply OSHA Safety and Health standards, policies and procedures,
2. utilize OSHA standards and regulations to supplement an on-going safety and health program,
3. identify common violations of OSHA standards and propose abatement actions,
4. describe appropriate abatement procedures for selected safety and health hazards, and
5. conduct internal training on OSHA regulations.

Course Scope and Content:

Unit I Introduction  
A. Trainer Course Objective v. Standards Course



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- B. Purpose and Scope of Outreach Courses
- C. Cal-OSHA Equivalents

- Unit II Outreach Training Objectives I
- A. Electrical
  - B. Lockout/Tagout
  - C. Walking and Working Surfaces
  - D. Forklift Safety

- Unit III Outreach Training Objectives II
- A. Bloodborne Pathogens
  - B. Introduction to Industrial Hygiene
  - C. Confined Spaces
  - D. Welding
  - E. Personal Protective Equipment
  - F. Exit Routes

- Unit IV Outreach Training Objectives III
- A. Hazardous Materials
  - B. Hazardous Waste Operations and Emergency Response (HAZWOPER)
  - C. Machine Guarding
  - D. Recordkeeping
  - E. Hazard Violation Workshop

- Unit V Student Presentations
- A. 10-Minute “Tailgate” – 10 Minutes Preparation Time
  - B. 45-Minute Safety Meeting – Overnight Preparation Time

Learning Activities Required Outside of Class: None

Methods of Instruction:

- 1. Lecture
- 2. In-class workshops

Methods of Evaluation:

- 1. Written final exam
- 2. Observation of student performance