

Revised by: C. Bertram  
Reviewed by: R. Mallard  
Text update: July 19, 2010  
C & G Ed approval: November 8, 2010  
Board approval: December 9, 2010

Industrial Education Safety (IES) 1061 Occupational Safety and Health Standards for General Industry (1.5 Units)

[formerly Industrial Education Safety 59A]

Prerequisite: None

Total Hours: 26 hours lecture

Catalog Description: This course covers Federal and California Occupational Safety and Health Administration (OSHA) policies, procedures, standards, and general industry safety and health principles. Topics include scope and application of the Federal and California OSHA standards. Emphasis is on the hazards routinely encountered by workers in a broad spectrum of industries. 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: 29 CFR §1910 General Industry Regulations. Mangan Communications, Inc.: Davenport, Iowa, 2008.

Cal-OSHA General Industry Safety Orders. Mangan Communications, Inc.: Davenport, Iowa, 2008.

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, and
4. describe appropriate abatement procedures for selected safety and health hazards.

Course Scope and Content:

Unit I Introduction  
A. Occupational Safety and Health (OSH) Act  
B. Inspections and Citations  
C. Safety and Health Programs  
D. Introduction to the OSH Standards  
E. Cal-OSHA Equivalents and Differences

Unit II Standards I  
A. Walking and Working Surfaces  
B. Electrical



West Kern Community College District

- C. Personal Protective Equipment
- D. Welding
- E. Cal-OSHA Equivalents and Differences

Unit III

Standards II

- A. Introduction to Industrial Hygiene
- B. Hazard Communication
- C. Exit Routes and Emergency Action Plans
- D. Materials Handling
- E. Cal-OSHA Equivalents and Differences

Unit IV

Standards III

- A. Machine Guarding
- B. Lockout/Tagout
- C. Permit-Required Confined Spaces
- D. Hazardous Materials
- E. Recordkeeping
- F. Cal-OSHA Equivalents and Differences

Learning Activities Required Outside of Class: None

Methods of Instruction:

- 1. Lecture
- 2. In-class workshops

Methods of Evaluation:

- 1. Written final exam
- 2. Performance observation