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Semester effective:

Occupational Safety and Health (OSH) 1010 Safety and Health Standards for the Construction Industry/OSHA 30-hour Construction Industry Training Program (.5 Units)

Prerequisite: None

Hours and Units Calculations:

10 hours lecture. 20 Outside of class hours. (30 Total Students Learning Hours) .5 Units

Catalog Description: This course instructs construction industry workers about their rights and employer responsibilities under Occupational Safety and Health Administration (OSHA) regulation. Training emphasizes hazard identification, avoidance, control and prevention, not OSHA standards. Students successfully completing this course will receive an OSHA 10 card.

Type of Class/Course: Non-Degree credit

Textbook: Westec generated handouts Additional Required

Materials: None

Course Objectives:

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

To describe employer and employee responsibilities for maintaining a safe and healthy workplace.

To identify, avoid, control, and prevent common workplace hazards in construction industry

Course Scope and Content:

Unit I Introduction To OSHA

- A. General Duty Clause
- B. Safety and Health Programs
- C. Employer Responsibilities
- D. Employee Rights and Responsibilities
- E. Cal-OSHA Equivalents and Differences

Unit II Focus Four Hazards

- A. Falls
- B. Electrocutions
- C. Struck-By
- D. Caught-In or Between

Unit III

- A. Personal Protective and Lifesaving Equipment
- B. Health Hazards in Construction (Hazard Communication)



- C. Cranes, Derricks, Hoist, Elevators and Conveyors
- D. Excavations
- E. Emergency Action Plan (EAP)

#### Unit IV

- A. Materials Handling, Storage, Use and Disposal
- B. Scaffolds
- C. Stairways and Ladders
- D. Materials Handling
- E. Tool – Hand and Power

#### Occupational Safety & Health Administration (OSHA) 10 for Construction Industry

The topic requirements for Occupational Safety & Health Administration (OSHA) 10 are as follows:

- 1. Mandatory -
  - a. Introduction to OSHA -
  - b. Focus Four Hazards (Falls/Electrocutions/Struck-By and Caught-In or Between)

#### Focus Four Hazards Training Requirements

All lessons for the Focus Four Hazards are required to use the following terminal (TO) and enabling (EO) objectives:

TO: Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize [fall, caught-in or between, struck-by, electrocution] hazards in construction.

Specifically, for each of the focus four, the student will be able to:

- EO 1: Identify major hazards
- EO 2: Describe types of hazards
- EO 3: Protect him/herself from these hazards
- EO 4: Recognize employer requirements to protect workers from these hazards

Because these objectives are the expected student outcomes, trainers:

- 1) May not vary from these objectives when planning the training session; and
- 2) Must follow the participatory training model by applying effective training techniques.
- 3) Must make sure the objectives are measured by testing the student's achievement.
  - c. Personal Protective and Lifesaving Equipment (PPE)
  - d. Health Hazards in Construction (Hazard Communication)
- 2. Elective - At least 2 of the following topics must be presented. The minimum length of any topic is one-half hour.
  - a. Cranes, Derricks, Hoists, Elevators and Conveyors
  - b. Excavations
  - c. Materials Handling, Storage, Use and Disposal
  - d. Scaffolds



- e. Stairways and Ladders
  - f. Tools – Hand and Power
3. Additional optional topics. Teach other construction hazards or policies and/or expand on the mandatory or elective topics. The minimum length of any topic is one-half hour.
- a. This will be at the discretion of the instructor, depending upon the audience, but will most likely expand on the elective topics.

Learning Activities Required Outside of Class: None

Methods of Instruction:

- 1. Lecture
- 2. Power Point Presentations
- 3. Group Activity
- 4. Case studies

Methods of Evaluation:

- 1. Written final examination (OSHA 10 Construction Industry)

Supplemental Data:

TOP Code:	095670: Indus Occupational Safe Health
SAM Priority Code:	C: Clearly Occupational
Distance Education:	Not Applicable
Funding Agency:	Y: Not Applicable (funds not used)
Program Status:	Not Program Applicable
Noncredit Category:	Y: Not Applicable, Credit Course
Special Class Status:	N: Course is not a special class
Basic Skills Status:	N: Course is not a basic skills course
Prior to College Level:	Y: Not applicable

Cooperative Work Experience:	N: Is not part of a cooperative work experience education program
Eligible for Credit by Exam:	NO
Eligible for Pass/No Pass:	NO
Taft College General Education:	NONE
Discipline:	Industrial Safety