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Industrial Education Safety (IES) 1057 Fall Arrest Systems (1 Unit)
[formerly Industrial Education Safety 57]

Prerequisite: None

Total Hours: 20 hours lecture

Catalog Description: This course provides an overview of state-of-the-art technology for fall protection and current OSHA requirements. Topics covered include the principles of fall protection, the components of fall arrest systems, the limitations of fall arrest equipment, and OSHA policies regarding fall protection. Course features a one-day field exercise demonstrating fall protection equipment. 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: Haight, Joel. *The Safety Professionals Handbook: Management Applications* 2nd ed. Vol. 1. Des Plaines: American Society of Safety Engineers, 2012. Print.

Haight, Joel. *The Safety Professionals Handbook: Technical Applications* 2nd ed. Vol. 2. Des Plaines: American Society of Safety Engineers, 2012. Print.

OSHA Training Institute. *Fall Arrest Systems*.

Additional Required Instructional Materials: None

Course Objectives:

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

1. identify appropriate OSHA standards applicable to the workplace,
2. identify the most common fall hazards found in many areas of construction sites,
3. discuss the OSHA standards in 29 CFR 1926, and
4. identify abatement methods for common fall arrest hazards.

Course Scope and Content:

Unit I 29 CFR 1926, Subpart M

Unit II 29 CFR 1926, Subpart M (continued), Inspection Workshop

Unit III Test Lab, Complete Subpart M

Learning Activities Required Outside of Class: None

Methods of Instruction:



1. Lecture
2. Group exercises in class
3. Test lab

Methods of Evaluation:

1. Written final exam