

Virginia Western Community College

BLD 215

OSHA 30 Construction Safety

Prerequisites

OSHA 10 Certification

Course Description

Covers all topics included in the OSHA 30-hour course.

Semester Credits: 2 Lecture Hours: 2 Lab/Clinical/Internship Hours: 0

Required Materials

Textbook:

N/A

Other Required Materials:

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Course Outcomes

At the completion of this course, the student should be able to:

- Describe the Occupational Safety and Health Act, 29 CFR 1926;
- Identify the Cause and types of accident and fatalities in hazardous areas of construction
- Design and implement prevention measures, such as abatement techniques, training and enforcement
- Measure cost of accident and apply post-accident plan

Topical Description

- Introduction to OSHA, OSH Act of 1970 & Subpart C (required)
- General Duty Clause (required)
- Recordkeeping basics; Part 1904 (required)
- Inspections, Citations and Penalties (required)
- OSHA updates 2012
- OSHA Focus Four Hazards (required)
- Subpart E – Personal Protection Equipment (required)
- Subpart D – Health Hazards in Construction and Hazard Communication (required)
- Subpart X - Stairways and Ladders (required)
- Subpart K - Electrical (required)

- Subpart M - Fall Protection (required)
- Subpart P – Excavations (includes caught-in-between hazards)
- Subpart L – Scaffolding (includes struck-by hazards)
- Subpart H - Materials Handling, Storage, Use and Disposal *
- Subpart I – Tools – Hand & Power *
- Subpart CC – Cranes and Derricks *
- Subpart Q – Concrete and Masonry *
- Subpart F – Fire Protection and Prevention *
- 29 CFR 1926.453 – Aerial Lifts *
- Managing Safety and Health
- Hazard Violation Workshop

Notes to Instructors

- None.