

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
BLD 215 – OSHA 30 CONSTRUCTION SAFETY (2 CR.)**

Course Description

Covers all topics included in the OSHA 30-hour course. Lecture 2 hours per week.

General Course Purpose

The OSHA 30 hour program was originally developed by the U.S. Department of Labor to provide construction workers, supervisors and other personnel responsible for construction activities with an awareness of construction safety and health concerns in the construction industry. It is recognized by the construction industry and is intended to provide instruction on a variety of construction industry safety and health standards to people with some safety responsibility.

Participants will review OSHA policies, procedures, and standards; construction safety and health principles; as well as information that prepare them to recognize and control a variety of hazardous conditions.

Course Prerequisites/Corequisites

Prerequisite: OSHA 10 Certification or department approval

Course Objectives

Upon completing the course, the student will 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

Major Topics to be Included

- 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)

Major Topics (cont.)

- 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