



المعهد الكوري الفلسطيني المتميز لتكنولوجيا المعلومات

Safety in construction works

Main Headlines:

- **Management of International Health and Safety:**
 - ✓ Foundation in health and Safety.
 - ✓ Health and Safety Management System.
- **Workplace Hazards and Risk Control.**
 - ✓ Transport Hazards and Risk Control.
 - ✓ Musculoskeletal Hazards and Risk Control.
 - ✓ Work Equipment Hazards and Risk Control.
 - ✓ Electrical Safety.
 - ✓ Fire Safety.
 - ✓ Chemical and Biological Health and Risk Control.
 - ✓ Physical and Psychological Health and Risk Control.

- **Reports.**

Description

The purpose of this course is to promote workplace safety and health and to make students more knowledgeable about workplace hazards and their rights. To provide students with information and skills necessary to work safely in the Construction Industry. This course will give students insight into the various NEBOSH Standards related to Construction work by examining each Standard closely. A secondary goal of this course is learn the role of the Competent Person for the various Construction Safety Standards.

A 30 Hour Construction Industry Training Program is a comprehensive safety program designed for anyone involved in the construction industry. This course provides workers with some safety responsibility at a greater depth and a variety of training. Training is intended to cover an overview of the hazards a worker may encounter on a Construction site. Training emphasizes hazard identification, avoidance, control and prevention.

Outcome:

Upon completion of this course you will understand the importance of managing safety and health in construction, and the related key legislation. You will know how to report accidents. You will be more aware of training, first aid and welfare provisions. This course will help you to identify types of hazards and ways to prevent accidents. You will know how to plan a safe working environment in construction by implementing safety procedures for electrical equipment, overhead electricity lines, demolition and many more important aspects of safety.

How You Will Benefit

- Build on your knowledge of NEBOSH regulations;
- Reduce injuries and health problems among your crew;
- Open business doors with an effective safety program;
- Gain knowledge of changing regulations, guidance documents, and regulatory interpretations;
- Demonstrate competency when dealing with regulatory agencies;
- Learn the fundamentals needed to deal with potential hazards specific to construction;
- Understand the 1926 Construction code and how it affects you;

Who Should Participate

- Construction managers and workers
- Job-site supervisors
- Superintendents
- General contractors
- Construction firm directors
- Anyone involved in the construction industry

Delivery Method

- Classroom

Course Goals:

Student will have an understanding and be able to apply the fundamental concepts at a construction site. The application of these concepts includes understanding the:

1. Relevance of regulatory requirements to the construction industry the student will be able to

- Understand the regulatory requirements found in the Workers Compensation Act and the Occupational Health and Safety Regulations.
- Understand and maintaining public safety;
- Recognize the importance of the BC Fire Code for construction and demolition.

2. Principles of occupational health and safety the student will:

- Develop an understanding of health and safety program components;
- Identify the assigned roles and responsibilities; and

c. Describe the 3 rights of workers

3. Fundamentals of orientation and training The student will:

- a. Understand the regulatory definition of a young and/or new worker;
- b. Describe different types of training formats; and
- c. Develop and present a crew talk

4. Fundamentals of Joint (Health and Safety) Committee / Worker Safety Representative The student will:

- a. Apply the regulatory requirements to develop a committee;
- b. Develop a Terms of Reference; and
- c. Recognize the need for effective meetings

5. Fundamentals of performing basic functions (incident investigation and inspection) the student will:

- a. Understand when to contact Work Safe;
- b. Recognize the different types of inspections;
- c. Explain the process of performing an incident investigation;
- d. Explain the process of performing different types of inspections;

6. Occupational First Aid and Emergency Management The student will:

- a. Understand the requirements for occupational first aid;
- b. Explain the process of a first aid risk assessment; and
- c. Understand types of emergency management.