Construction Safety Management Training Course

Professional Development Training Course Outline

Category	Architectural Engineering	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Construction Safety Management Training Course is designed to equip professionals with the critical knowledge and practical competencies required to manage workplace safety, risk control, and compliance in high-risk construction environments. With the rapid growth of the global construction sector and increasing regulatory enforcement, the demand for skilled HSE (Health, Safety & Environment) professionals, safety officers, and site supervisors has never been higher. This course integrates modern construction safety standards, OSHA guidelines, risk assessment frameworks, and hazard prevention strategies to ensure participants can effectively minimize incidents, improve site safety culture, and enhance operational efficiency.

The program emphasizes real-world application through case-based learning, hazard identification techniques, incident investigation methods, and safety leadership development. Participants will gain hands-on understanding of construction site safety audits, PPE compliance, scaffolding safety, excavation safety, electrical hazard control, and emergency preparedness systems. By the end of the training, learners will be able to implement proactive risk mitigation systems, safety management plans, and regulatory compliance frameworks aligned with global best practices such as ISO 45001 Occupational Health and Safety Management Systems.

Programme Curriculum

Construction Safety Management Training Course

Introduction

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Course Duration

5 days

Course Objectives

1. Understand Construction Safety Management Systems (CSMS) frameworks
2. Apply OSHA Construction Safety Standards compliance
3. Conduct effective Risk Assessment & Hazard Identification (HIRA)
4. Develop Job Safety Analysis (JSA) procedures
5. Implement Site Safety Audit and Inspection techniques
6. Strengthen PPE (Personal Protective Equipment) management systems
7. Master Incident Investigation & Root Cause Analysis (RCA)
8. Enhance Emergency Response & Disaster Preparedness planning
9. Improve Work at Height Safety Management systems
10. Apply Scaffolding & Excavation Safety protocols
11. Ensure Electrical Safety in Construction Sites compliance
12. Build strong Safety Leadership & Safety Culture development
13. Integrate ISO 45001 Occupational Health & Safety standards

Target Audience

1. Construction Site Engineers
2. Safety Officers / HSE Officers
3. Project Managers in Construction Industry
4. Site Supervisors & Foremen
5. Civil Engineering Students & Graduates
6. Contractors & Subcontractors
7. Facility & Infrastructure Managers
8. Government Safety Inspectors

Course Modules

Module 1: Introduction to Construction Safety Management

- Overview of construction hazards and risks
- Safety legislation and regulatory frameworks
- Roles and responsibilities of safety personnel

- Introduction to ISO 45001 systems
- **Case Study:** Collapse incident due to poor safety planning

Module 2: Risk Assessment & Hazard Identification

- Hazard identification techniques (HIRA)
- Risk matrix development
- Site-specific risk analysis
- Control measures and mitigation planning
- **Case Study:** Crane operation accident due to poor risk evaluation

Module 3: PPE & Site Safety Equipment

- Types of PPE in construction
- PPE compliance monitoring systems
- Equipment inspection protocols
- Safety signage and communication systems
- **Case Study:** Head injury prevention failure analysis

Module 4: Working at Height Safety

- Fall protection systems
- Scaffolding safety standards
- Ladder safety procedures
- Harness and anchorage systems
- **Case Study:** Fatal fall from scaffolding due to negligence

Module 5: Excavation & Structural Safety

- Trenching safety procedures
- Soil classification and stability checks
- Shoring and sloping techniques
- Underground utility hazard management
- **Case Study:** Trench collapse accident investigation

Module 6: Electrical & Mechanical Safety

- Electrical hazard prevention
- Lockout/Tagout (LOTO) systems
- Machinery safety protocols
- Equipment maintenance standards
- **Case Study:** Electrocution incident due to faulty wiring

Module 7: Incident Investigation & Emergency Response

- Accident reporting systems
- Root cause analysis methods
- Emergency evacuation planning
- Fire safety management systems
- **Case Study:** Construction site fire outbreak response

Module 8: Safety Leadership & Culture Development

- Building safety-first culture
- Behavioral safety management
- Safety communication strategies
- Continuous improvement in safety systems
- **Case Study:** Company-wide safety culture transformation success

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price

23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com