



Training Course

Advanced Project & Construction Management

Description

This advanced course is designed for professionals managing complex projects in the construction industry. It covers advanced project management techniques, construction-specific challenges, and strategies for efficient project delivery in large-scale, high-risk environments.

Objectives

By the end of this course, participants will be able to:

- Apply advanced project management principles to construction projects.
- Develop comprehensive project schedules and manage large teams effectively.
- Mitigate risks unique to the construction industry.
- Manage contracts, procurement, and stakeholder relationships in construction.
- Utilize advanced tools and techniques for project tracking and cost control.

Who Should Attend?

- Experienced project managers in construction and engineering
- Construction site supervisors and engineers
- Professionals involved in large-scale infrastructure projects
- Anyone seeking advanced knowledge in construction project management

Course Outline

Day 1: Advanced Project Management Principles

- Complex project lifecycles and methodologies (e.g., Lean Construction, Critical Path Method)
- Managing large, multi-phase projects

Day 2: Construction Planning and Scheduling

- Advanced scheduling techniques (PERT, Gantt, CPM)
- Managing subcontractors and resources in construction

Day 3: Risk Management in Construction

- Identifying and mitigating construction-specific risks
- Ensuring compliance with safety regulations and standards

Day 4: Contracts, Procurement, and Cost Control

- Managing construction contracts and legal considerations
- Procurement strategies and budget management in large projects

Day 5: Leadership and Stakeholder Management

- Leading large project teams in dynamic environments
- Managing client expectations and stakeholder communications