



PMP023

Managing Construction Projects

Course Introduction:

Construction is the largest industry in the world. Growth in this sector is an indicator of the economic conditions of a country. In general, construction is more challenging than other industries. Most construction projects exhibit cost overruns, time extensions, and conflicts among parties.

The management of construction projects requires knowledge of project management as well as an understanding of the design and construction process. While the relevant technology, institutional arrangements or processes will differ, the management of such projects has much in common with the management of projects in other specialty or technology domains such as aerospace, pharmaceutical and energy developments.

This course provides you with sound project management principles to effectively manage general projects in different industries. However, it emphasizes construction sector and provides you with good practices needed to manage construction projects.

Course Objectives:

Upon successful completion of this course, the delegates will be able to:

- Understand and practice the latest commonly accepted professional standards of project management including the PMI's PMBOK guide
- Learn fundamental project management concepts and techniques required for managing construction projects
- Appreciate the challenges in managing construction projects
- Communicate effectively with different stakeholders including clients, suppliers, subcontractors, etc.

Who Should Attend?

This course is intended for project managers, site managers, engineers, foremen, and people involved in managing construction projects. This course is also suitable for professionals seeking to apply best practices in project management.

Course Outline:

Day 1:

Introduction to Project Management & Construction

- Overview of Project Management
- Project Management Institute (PMI)
- *PMBOK® Guide 5th Edition*
- Project Management Process Groups and Knowledge Areas
- Project Management in the Construction Context

Day 2:

Introduction to Project Management & Construction (cont'd)

- Challenges Specific to Construction Projects
- Main Standards applicable to Construction Projects
- Major Types of Construction Projects
- Main Players in Construction Projects

Day 3:

Introduction to Project Management & Construction (cont'd)

- Project Life Cycle of a Construction Project
- Project Delivery Methods

The Project Management Knowledge Areas

- Project Integration Management
- Project Scope Management

Day 4:

The Project Management Knowledge Areas (cont'd)

- Project Time Management
- Project Cost Management
- Project Quality Management
- Project Human Resources Management

Day 5:

The Project Management Knowledge Areas (cont'd)

- Project Communications Management
- Project Risk Management
- Project Procurement Management
- Project Stakeholder Management

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, Hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break & Lunch)
13:30 - 15:00	Last Session