

# CONSTRUCTION & ENGINEERING PROJECT MANAGEMENT - INTENSIVE THREE-DAY COURSE

*"Master the Essentials of Construction & Engineering Project Management in Just 3 Days"*

## Schedule

Date	Venue	Fees (Face-to-Face)
29 - 31 Jul 2026	Dubai - UAE	USD 2495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

## Introduction

This intensive 3-day course provides professionals with the critical knowledge and skills needed for effective project management in the construction and engineering industries. Through a combination of practical case studies and hands-on exercises, participants will learn the key principles and best practices for successfully managing complex construction and engineering projects. The course focuses on critical topics such as project scope, scheduling, budgeting, risk management, and team coordination, ensuring a comprehensive understanding of all stages of a project.

By the end of the course, participants will be equipped to handle the challenges of construction and engineering projects, ensuring successful outcomes while maintaining control over costs, timelines, and quality standards.

## Objectives

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

- Apply effective project management techniques to construction and engineering projects
- Develop and manage project timelines, cost estimates, and resources efficiently
- Identify and mitigate potential risks throughout the project lifecycle
- Understand how to handle stakeholder expectations and ensure quality control
- Navigate the complexities of construction contracts and project documentation

## Why Attend

- Gain a solid understanding of the critical aspects of project management in construction and engineering
- Learn advanced techniques for project scheduling, budgeting, and risk management
- Improve your ability to manage stakeholders, resources, and teams effectively
- Learn from real-world case studies and practical workshops to enhance your skills
- Network with other industry professionals and exchange valuable insights and strategies
- Develop the tools and strategies necessary to successfully manage a wide range of construction and engineering projects

## Target Audience

This program is designed for:

- Construction and engineering project managers
- Engineers, architects, and professionals involved in project planning and execution
- Professionals responsible for managing the budgeting, scheduling, and resources of construction and engineering projects
- Contractors and subcontractors looking to enhance their project management capabilities
- Individuals aiming to advance their careers in construction and engineering project management

## Individual Benefits

Key competencies that will be developed include:

- Mastery in managing the full lifecycle of construction and engineering projects
- Proficiency in using project management software and tools to manage timelines and budgets
- Advanced skills in managing project teams, subcontractors, and vendors
- Ability to identify and mitigate risks, ensuring projects stay on track
- Expertise in stakeholder management and communication

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Enhanced ability to lead and manage construction and engineering projects from start to finish
- Improved management of project resources, timelines, and budgets, reducing costs and delays
- Increased capacity for managing complex projects and ensuring successful outcomes
- Better coordination and collaboration between teams, stakeholders, and subcontractors
- Strengthened organizational reputation by delivering high-quality projects on time and within budget

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Overview of essential project management principles for construction and engineering projects
- Case Studies – Real-world examples of successfully managed construction projects
- Workshops – Practical exercises on project planning, risk management, and scheduling
- Peer Exchange – Group discussions on the challenges of construction and engineering project management
- Tools – Access to templates for budgeting, risk management, project scheduling, and quality control

## MAWA EVENTS

**Address:** No. 857, Block A2, Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

**Phone:** +601116373203 | **Email:** info@mawaevents.net

---



## Course Outline

### Detailed 3-Day Course Outline

**Training Hours:** 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

#### Day 1: Introduction to Project Management in Construction & Engineering

- Module 1: Overview of Project Management Principles (07:30 – 09:30)
  - Introduction to the fundamentals of project management
  - Key principles and techniques for managing construction and engineering projects
  - The project lifecycle: from initiation to completion
- Module 2: Project Planning and Scope Management (09:45 – 11:15)
  - Defining the project scope and objectives
  - Developing a project plan and work breakdown structure (WBS)
  - Techniques for managing project changes and scope creep
- Module 3: Scheduling and Budgeting (11:30 – 01:00)
  - Creating project timelines and milestones
  - Developing cost estimates and budgets
  - Resource management and allocation strategies

#### Day 2: Risk Management and Team Coordination

- Module 4: Risk Management in Construction Projects (07:30 – 09:30)
  - Identifying potential risks in construction and engineering projects
  - Developing risk mitigation strategies and contingency plans
  - Tools for tracking and managing risks throughout the project lifecycle
- Module 5: Project Team Management and Communication (09:45 – 11:15)
  - Effective communication techniques for project teams and stakeholders
  - Building and leading high-performance project teams
  - Managing subcontractors and suppliers
- Module 6: Quality Control and Compliance (11:30 – 01:00)
  - Ensuring quality standards throughout the construction process
  - Managing inspections and certifications
  - Compliance with legal and regulatory requirements

#### Day 3: Execution and Project Closeout

- Module 7: Project Execution and Monitoring (07:30 – 09:30)
  - Monitoring project progress and performance
  - Managing project issues and deviations from the plan
  - Techniques for project control and adjusting timelines and budgets
- Module 8: Closing the Project and Handover (09:45 – 11:15)
  - Final project inspections and quality assurance
  - Preparing project documentation and final reports
  - Handover procedures and post-project evaluations
- Module 9: Case Study and Workshop (11:30 – 01:00)
  - Group work on real-life construction and engineering project case studies
  - Hands-on workshop to apply learned project management principles
  -

Group discussion on lessons learned and best practices

### Certification

Participants will receive a Certificate of Completion in Construction & Engineering Project Management, validating their ability to manage construction and engineering projects from planning to execution, ensuring timely delivery, quality control, and stakeholder satisfaction.

### Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

<b>In-House / Customized Training</b> Interested in running this course for your team? Please contact us:	TEL:  <b>+601116373203</b>	EMAIL:  <b>info@mawaevents.net</b>
---	----------------------------------	--

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.