

## PROJECT MANAGEMENT FOR CONSTRUCTION PROFESSIONALS

*"Delivering Complex Construction Projects with Precision, Efficiency, and Control"*

### Schedule

Date	Venue	Fees (Face-to-Face)
22 - 26 Jun 2026	Kuala Lumpur, Malaysia	USD 3495 per delegate

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

### Introduction

Construction projects involve significant complexity, risk, and coordination across multiple disciplines. This practical training equips professionals in the construction sector with essential project management tools, methods, and leadership skills to deliver successful projects on time and within budget.

The course covers the full project lifecycle—from planning and procurement to execution, control, and closeout. It emphasizes scheduling, budgeting, contract management, stakeholder coordination, and quality assurance, with real-life construction case studies and industry best practices.

### Objectives

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

- Apply project management principles tailored to construction environments
- Develop and control schedules using critical path and Gantt charts
- Manage cost, cash flow, and procurement in construction projects
- Identify and mitigate construction-specific risks and delays
- Supervise quality control, safety, and compliance standards
- Communicate effectively with contractors, consultants, and clients

## Why Attend

- Gain practical, construction-focused project management techniques
- Improve your ability to plan, monitor, and deliver construction outcomes
- Strengthen cost, time, and quality control over project phases
- Enhance communication with teams, clients, and external stakeholders
- Prepare for more advanced roles in project or construction management

## Target Audience

This program is designed for:

- Civil engineers and site/project engineers
- Construction project managers and coordinators
- Quantity surveyors and planning engineers
- Architects and design managers involved in delivery
- Developers, contractors, and client representatives

## Individual Benefits

Key competencies that will be developed include:

- Schedule and resource planning using modern tools
- Risk identification and contingency planning
- Performance monitoring using KPIs and progress reports
- Understanding of FIDIC and contract administration basics
- Leadership and stakeholder management in the field

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved project delivery outcomes through better control methods
- Reduced project delays, rework, and cost overruns
- Increased consistency in reporting and documentation
- Enhanced coordination between field teams, consultants, and clients
- Support for implementing global construction project standards

## Instructional Methodology

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

- Strategy Briefings - Project lifecycle and stakeholder alignment
- Case Studies - Construction project successes and failures
- Workshops - Scheduling, budgeting, and risk response exercises
- Peer Exchange - Discussion of local and regional challenges
- Tools - Primavera P6, MS Project, Gantt charts, and risk re

## 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: Fundamentals of Construction Project Management

- Module 1: Project Lifecycle and Industry Overview (07:30 - 09:30) • Project phases: initiation to close-out • Construction-specific project drivers and constraints
- Module 2: Stakeholder and Scope Management (09:45 - 11:15) • Client briefs, consultants, and contractor roles • Scope definition and control techniques
- Module 3: Project Planning and Resource Allocation (11:30 - 01:00) • Work breakdown structure, resource loading • Tools: Gantt charts and bar schedules
- Module 4: Workshop - Scope and WBS Design (02:00 - 03:30) • Create project scope and break it into manageable packages

### Day 2: Time, Cost, and Procurement Management

- Module 5: Scheduling Methods and Tools (07:30 - 09:30) • Critical path method, float, baseline planning • Primavera P6/MS Project usage
- Module 6: Construction Budgeting and Cost Control (09:45 - 11:15) • Cash flow projections and earned value • Variance analysis and corrective action
- Module 7: Procurement and Contractual Frameworks (11:30 - 01:00) • FIDIC, lump sum, remeasure, and design-build contracts • Tendering, bid evaluation, and award
- Module 8: Workshop - Create Schedule and Cost Plan (02:00 - 03:30) • Develop a simple CPM schedule and cash flow projection

### Day 3: Risk, Safety, and Quality Management

- Module 9: Construction Risk Management (07:30 - 09:30) • Risk identification, register creation, and prioritization • Delay causes and mitigation techniques
- Module 10: Safety and Site Compliance (09:45 - 11:15) • HSE planning, site inductions, and inspections • Regulatory requirements and accident response
- Module 11: Quality Control and Inspection (11:30 - 01:00) • Quality plans, checklists, and NCR handling • Testing protocols and acceptance criteria
- Module 12: Workshop - Risk Scenario Analysis (02:00 - 03:30) • Evaluate real risks and propose mitigations

### Day 4: Communication, Reporting, and Leadership

- Module 13: Site Communication and Reporting (07:30 - 09:30) • Daily reporting, coordination meetings, escalation • Progress tracking and visual dashboards
- Module 14: Leadership and Team Management (09:45 - 11:15) • Motivating teams, resolving conflict • Leading subcontractors and consultants
- Module 15: Client and Consultant Coordination (11:30 - 01:00) • Change orders, approvals, and expectation management
- Module 16: Workshop - Develop a Weekly Site Report (02:00 - 03:30) • Draft and present a professional construction report

### Day 5: Claims, Closeout, and Review

- Module 17: Managing Claims and Variations (07:30 - 09:30) • Delay analysis, EOT claims, and variation orders • Documentation and contract clause references
- Module 18: Final Completion and Handover (09:45 - 11:15) • Snagging, testing, commissioning, and DLP • As-builts, O&M manuals, and final accounts
- Module 19: Final Review & Simulation (11:30 - 01:00) • Simulate project closeout and performance review
- Module 20: Wrap-up and Action Planning (02:00 - 03:30) • Lessons learned, action plan, and Q&A

## Certification

Participants will receive a Certificate of Completion in Project Management for Construction Professionals, validating their ability to manage construction projects efficiently, lead teams, control budgets, and align project delivery with stakeholder expectations.

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