

CONSTRUCTION MANAGEMENT - DESIGN, EXECUTION & SUPERVISION

"Mastering the Art of Construction Management: From Design to Successful Project Execution"

Schedule

Date	Venue	Fees (Face-to-Face)
13 - 17 Jul 2026	Dubai - UAE	USD 3495 per delegate

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

Introduction

This 5-day course offers comprehensive training in construction management, focusing on the critical phases of design, execution, and supervision. Participants will gain practical knowledge in handling construction projects from inception to completion. The course emphasizes strategies for project planning, managing resources, ensuring quality, and maintaining timelines and budgets. With real-world examples, this program will prepare professionals to address challenges faced in the dynamic field of construction management. Upon completing this training, participants will be equipped with the tools and techniques to successfully manage complex construction projects, ensuring high-quality deliverables and compliance with design specifications.

Objectives

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

- Understand the complete lifecycle of a construction project, from design to supervision
- Develop and manage construction project timelines, budgets, and resources effectively
- Apply techniques for managing project risks and ensuring quality control throughout the process
- Navigate the complexities of legal and regulatory compliance in construction
- Implement strategies for effective supervision of construction teams and subcontractors

Why Attend

- Get end-to-end exposure to the construction lifecycle
- Learn to manage interfaces between design, procurement, and construction
- Understand construction contracts, tendering, and documentation
- Gain practical tools for monitoring progress and ensuring quality
- Improve your ability to resolve site issues and lead multidisciplinary teams

Target Audience

This program is designed for:

- Construction project managers and supervisors looking to enhance their skills
- Engineers and architects involved in the design and execution of construction projects
- Contractors and subcontractors responsible for project delivery and quality control
- Professionals involved in project planning, budgeting, and resource management
- Anyone interested in advancing their career in the construction management field

Individual Benefits

Key competencies that will be developed include:

- Expertise in managing construction project phases from design through to completion
- Proficiency in handling construction project timelines, budgets, and resources
- Advanced skills in managing construction risks, compliance, and quality control
- Ability to supervise and coordinate construction teams and ensure quality standards are met
- Enhanced decision-making abilities in handling construction-related challenges

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved ability to manage construction projects efficiently, ensuring projects are completed on time and within budget
- Enhanced capability to ensure compliance with legal and regulatory standards in construction projects
- Improved coordination and communication between different teams, leading to more effective project execution
- Increased quality control and risk management to minimize delays and cost overruns
- A greater understanding of how to optimize resources and manage construction project risks

Instructional Methodology

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

- Strategy Briefings - Introduction to construction management principles, including design, execution, and supervision
- Case Studies - Real-world examples of successful construction projects and lessons learned
- Workshops - Hands-on exercises to apply construction management strategies to real-life scenarios
- Peer Exchange - Group discussions on challenges, best practices, and innovations in construction management
- Tools - Practical tools for project planning, risk assessment, and quality control

MAWA EVENTS

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Course Outline

Detailed 5-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 Construction Management

- Module 1: Overview of Construction Management (07:30 – 09:30)
 - The role of construction management in project success
 - Key phases in construction management: Design, Execution, Supervision
 - Identifying the key challenges in managing construction projects
- Module 2: Project Design and Planning (09:45 – 11:15)
 - The importance of effective planning and design in construction projects
 - Creating project timelines, cost estimates, and resource plans
 - Understanding the roles of architects, engineers, and contractors in the planning process
- Module 3: Legal and Regulatory Considerations (11:30 – 01:00)
 - Navigating construction laws, permits, and regulations
 - Risk management strategies in construction law and safety compliance
 - Environmental considerations and sustainable construction practices

Day 2: Managing the Execution Phase

- Module 4: Scheduling and Budgeting for Construction Projects (07:30 – 09:30)
 - Advanced techniques for project scheduling and cost management
 - Tools for tracking progress and managing changes during the construction process
 - Budget forecasting, cost tracking, and managing contingencies
- Module 5: Resource Management in Construction (09:45 – 11:15)
 - Optimizing labor, equipment, and materials for efficiency
 - Strategies for managing subcontractors and ensuring quality delivery
 - Mitigating delays and handling conflicts between teams and stakeholders
- Module 6: Quality Assurance and Control (11:30 – 01:00)
 - The importance of maintaining quality standards in construction projects
 - Implementing quality control procedures during execution
 - Measuring and assessing the quality of work throughout the project

Day 3: Supervision and Monitoring of Construction Projects

- Module 7: Site Supervision and Safety Management (07:30 – 09:30)
 - Best practices for supervising construction sites
 - Ensuring safety standards and compliance on-site
 - Managing site logistics, personnel, and work schedules
- Module 8: Monitoring Project Performance and Progress (09:45 – 11:15)
 - Tools for tracking project progress and handling deviations
 - Communicating project performance to stakeholders
 - Using project management software to monitor construction progress
- Module 9: Risk Management in the Execution Phase (11:30 – 01:00)
 - Identifying and assessing project risks
 - Developing risk management plans and strategies
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Dealing with unforeseen risks and mitigating their impact on the project

Day 4: Advanced Project Supervision and Finalizing the Construction

- Module 10: Final Inspections and Project Handover (07:30 – 09:30)
- Preparing for final inspections and project closeout
- Ensuring compliance with project specifications during handover
- Managing punch lists and final quality checks
- Module 11: Managing Project Closeout and Documentation (09:45 – 11:15)
- The importance of proper documentation in project completion
- Final reports, assessments, and project evaluation
- Closing out contracts and ensuring final payments are made
- Module 12: Lessons Learned and Continuous Improvement (11:30 – 01:00)
- Analyzing project performance and identifying areas for improvement
- Gathering feedback from stakeholders and team members
- Continuous improvement strategies for future construction projects

Day 5: Wrap-Up and Practical Application

- Module 13: Case Study - Successful Construction Project Execution (07:30 – 09:30)
- Reviewing a real-world case study of a successful construction project
- Analyzing the challenges faced and the solutions implemented
- Group discussion on applying learned concepts to similar projects
- Module 14: Final Workshop - Project Design and Supervision Simulation (09:45 – 11:15)
- Simulating the management of a construction project from design to supervision
- Group exercises to apply the tools and techniques learned
- Final discussion and review of key takeaways

Certification

Participants will receive a Certificate of Completion in Construction Management: Design, Execution & Supervision, validating their ability to manage construction projects from start to finish, focusing on design, execution, and supervision to ensure quality, cost control, and timely completion.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
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