MERCURY

Construction Management and Supervising Multiple Projects

19 – 23 September 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Construction Management and Supervising Multiple Projects

Ref: 15552_314567 **Date:** 19 – 23 September 2027 **Location:** Cairo (Egypt) **Fees:** 4000 Euro

Introduction:

In today's fast-paced construction industry landscape, project managers adeptly handle multiple projects concurrently. Successfully navigating this terrain demands adept delegation, robust monitoring, and control strategies, alongside efficient use of construction project management tools. This effective construction management and multiple projects supervision course provides valuable insights into the intricacies of construction project management, equipping participants with the tools and techniques for successful project execution.

Participants will learn the art of prioritization, hone their multitasking abilities, master project planning and scheduling, dissect schedules, and much more through engaging, hands-on exercises tailored to real-world scenarios in construction project management. The construction industry is complex, and managing multiple projects further compounds this complexity. It explores best practices in managing a portfolio of construction projects.

In this effective construction management and multiple projects supervision training, participants will develop a strong foundation in key areas such as resource allocation, collaborative approaches, and leveraging technology to oversee multiple projects effectively through analytical discussions and active engagement with real-world examples. Practical insights gained in this course will empower individuals to improve organizational productivity and project outcomes.

Targeted Groups:

- Project directors.
- Engineers and planners.
- Chief executive officers.
- Finance managers.
- Human resources.
- Project managers.
- Information technology managers.
- Consultants, contractors, and supplier organizations.
- Policymakers are responsible for developing and implementing national and international sustainable development strategies.
- Researchers and academics involved in the construction and building industries and site engineers and assistant engineers on the sites supervise the Execution Domains in Construction Sites.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Course Objectives:

At the end of this effective construction management and multiple projects supervision course, participants will be able to:

- Describe and distinguish the unique characteristics of managing multiple construction projects from traditional project management methods.
- Highlight the advantages organizations can derive from adopting sophisticated construction project management strategies.
- Acquire a structured methodology for integrating their organization's best practices in construction project management.
- Delve into a case study of construction project management, illustrating the implementation of enterprise project management within an organization.

Targeted Competencies:

By the end of this effective construction management and multiple projects supervision training, participants' competencies will:

- Project Planning and Scheduling.
- Cost Estimation and Budgeting.
- Construction Techniques and Methods.
- Contract Management and Negotiation.
- Risk Assessment and Management.
- Team Leadership and Communication.
- Quality Control and Assurance.
- Regulatory Compliance and Safety.
- Problem-Solving and Decision Making.
- Project Documentation and Reporting.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

MERCURY

Course Content:

Unit 1: Project Management Key Concepts:

- Projects and Operations.
- Current Trends.
- What Projects Exist Within an Organization?
- Why Projects Fail?
- PM Key Concepts.
- Project Life Cycle and PM Phases.
- Project Phases.
- Project Life Cycle.
- Project Management Processes.

Unit 2: Initiating and Planning Construction Projects:

- Purpose of Initiating Projects The Project Charter.
- Project Kick-Off Meeting Propose of Planning Projects The Work Breakdown Structure Develop the Project Plan.
- Develop the Resource Plan.
- Cost Estimating and Cost Budgeting Establishing The Project Team Communication Plan.
- Procurement Plan.
- Risk Management Plan.
- The Project Management Plan.
- Implementing Projects.
- Executing Projects.
- Purpose of Executing Projects.
- Scope Verification.
- Distributing Project Information.
- Project Team.
- Quality Assurance.
- Contract Administration.
- Purpose of Controlling Projects.
- Updating The Project Schedule.
- Performance Measurement Using Earned Value Change Control.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Unit 3: Closing Projects:

- Purpose of Closing Projects.
- Identify Inputs and Outputs, Tools, and Techniques.
- Organizational Impacts Of Project Management.
- HR Requirements.
- Functional, Matrix, and Projectized Organization.
- Role of Project Manager.
- Project Manager Roles.
- Project Manager Responsibilities.
- Project Manager Skills.
- Construction Management and Supervising Multiple Projects.

Unit 4: Multi-Project Management and Single-Project Management:

- Difference Between MPM and SPM.
- Criteria for Selecting Projects in MPM Grouping Benefits of MPM.
- Portfolio Management.
- Resource Management.
- Collaboration.
- Organization-Wide Planning.
- Process Management.
- The Project Management Office.
- PMO Functions.
- PMO Positions.
- Keys To Successful PMO Deployment.
- Enterprise Project Management Solutions.
- EPMS Functions.
- Objectives of EPMS.
- Can EPMS Save On Project Spending? Selecting An EPMS solution.

Unit 5: Project Management Maturity:

- Level 1: Ad Hoc, Level 2: Consistent, Level 3: Integrated, Level 4: Comprehensive, and Level 5: Optimizing.
- Implementing a Multi-Project Management Information System.
- Creating MPM Database Creating Project Templates.
- Construction Management and Supervising Multiple Projects.