

# **Advanced Construction Project Management: Planning to Execution**

Project Management  
Sharm El-Sheikh (Egypt)  
11 - 15 May 2025

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## **Advanced Construction Project Management: Planning to Execution**

**Ref:** 3127\_126517 **Date:** 11 - 15 May 2025 **Location:** Sharm El-Sheikh (Egypt) **Fees:** 3700 Euro

### **Course Description**

This intensive 5-day course provides a comprehensive overview of construction project management, covering key aspects from project initiation to closeout. Participants will learn essential skills in planning, scheduling, cost control, risk management, and stakeholder communication to successfully deliver construction projects on time and within budget.

### **Learning Objectives**

- Develop and implement effective project management plans for construction projects
- Apply advanced scheduling and cost control techniques to optimize project performance
- Identify and mitigate risks throughout the project lifecycle
- Enhance communication and collaboration among project stakeholders
- Implement best practices for quality assurance and control in construction

### **Course Modules**

#### **Day 1: Project Initiation and Planning**

- Introduction to construction project management
- Project lifecycle and delivery methods
- Developing the project charter and scope statement
- Stakeholder identification and analysis

#### **Day 2: Scheduling and Resource Management**

- Work breakdown structure WBS development
- Critical path method CPM scheduling
- Resource allocation and leveling
- Schedule compression techniques

#### **Day 3: Cost Estimation and Control**

- Cost estimation methodologies
- Developing project budgets
- Earned value management EVM
- Cash flow forecasting and management

#### **Day 4: Risk Management and Quality Control**

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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- Risk identification and assessment
- Risk response planning and implementation
- Quality management systems in construction
- Inspection and testing procedures

### **Day 5: Project Execution and Closeout**

- Contract administration and change management
- Progress monitoring and reporting
- Managing subcontractors and suppliers
- Project closeout and lessons learned

### **Practical Wins for Participants**

- Create a comprehensive project management plan for a construction project
- Develop a detailed project schedule using CPM techniques
- Implement an earned value management system for cost control
- Conduct a risk assessment and develop mitigation strategies for a case study project

A graphic of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight behind it. The board is a checkered pattern of light and dark squares. In the background, there are concentric circles radiating from the center.

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