



Civil Engineering

# Strategic Construction Project Management

# Course Introduction

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## Strategic Construction Project Management

Strategic Construction Project Management (SCPM) is a critical discipline that ensures the successful planning, execution, and delivery of construction projects. By integrating strategic principles with project management methodologies, SCPM enables professionals to address complex challenges, manage resources effectively, and achieve project objectives within defined constraints. This course is designed to provide participants with the knowledge, tools, and techniques to excel in managing construction projects strategically, ensuring alignment with organizational goals while delivering quality outcomes.

The construction industry faces numerous challenges, including budget constraints, tight schedules, stakeholder demands, and regulatory compliance. This course will equip participants with the ability to adopt a holistic and proactive approach to these challenges. By mastering strategic planning, risk management, stakeholder engagement, and performance optimization, participants will enhance their leadership capabilities and contribute to the success of their organizations.

## Target Audience

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- Construction Managers
- Project Managers
- Consultants in Construction and Real Estate
- Construction Industry Executives and Decision-makers

## Learning Objectives

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- Understand the principles of strategic construction project management and their application in real-world scenarios.

- Develop comprehensive project plans that align with organizational objectives.
- Identify and mitigate risks effectively to minimize project disruptions.
- Enhance stakeholder communication and engagement for better project outcomes.
- Apply performance management techniques to monitor and optimize project progress.
- Utilize advanced tools and technologies for efficient project execution.
- Foster sustainable practices in construction project management.

## Course Outline

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### • DAY 01

#### **Fundamentals of Strategic Construction Project Management**

- Overview of construction project management
- Introduction to strategic planning and its significance
- Project lifecycle and key phases
- Setting SMART objectives and aligning them with organizational goals

### • Day 02

#### **Project Planning and Scheduling**

- Developing a project charter and scope statement
- Work breakdown structure (WBS) and task prioritization
- Advanced scheduling techniques (e.g., CPM, PERT)
- Resource allocation and budgeting

### • Day 03

#### **Risk Management and Quality Assurance**

- Identifying and assessing project risks
- Risk mitigation strategies and contingency planning
- Quality assurance principles and tools
- Case studies on risk and quality management

### • Day 04

#### **Stakeholder Management and Communication**

- Identifying stakeholders and understanding their needs

- Developing a stakeholder engagement plan
  - Communication strategies for project success
  - Conflict resolution and negotiation skills
- **Day 05**

### Performance Optimization and Sustainability

- Key performance indicators (KPIs) for construction projects
- Monitoring and controlling project progress
- Integrating sustainable practices in construction projects
- Course review and action planning

## Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 5, 2025	May 9, 2025	5 days	4250.00 \$	UAE - Dubai