

aractech

Global Learning for Operational Leaders



CONSTRUCTION MANAGEMENT

Construction Risk Management

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Course content

Why Attend

Course Introduction

Construction, as a capital investment venture, involves significant risk throughout its lifecycle—from development and design to construction and operation. Effective risk management is crucial for minimizing threats, seizing opportunities, and making informed decisions amidst uncertainty.

Course Methodology

Course Objectives

Target Audience

Course outline

Detailed course outline

Day-by-day outline for Construction Risk Management.

Day 1 - The Construction Industry and Its Risk Spectrum

- Course Opening and Pre-Course Assessment
- Phase by Phase Understanding of construction and development
- Project delivery methods and its relation to risk allocation
- Challenges and Issues in construction Execution and management (with case studies)
- Lean construction concepts and waste minimization in construction
- PMI's risk management approach versus ISO 31000 for risk management

Day 2 - Risk Strategy, Planning and Identification

- Assess project environment for threats and opportunities
- Confirm risk thresholds based on risk appetites
- Establish risk management strategy and the risk management plan
- Engage stakeholders in risk management activities
- Conduct risk identification exercises
- Develop risk register and risk report

Course outline

Detailed course outline

Day-by-day outline for Construction Risk Management.

Day 3 - Risk Assessment and Analysis

- Perform qualitative analysis
- Perform quantitative analysis
- Identify threats and opportunities
- Schedule-Risk Analysis
- Cost-Risk Analysis
- Exam Q and A review and Case Studies

Day 4 - Risk Response Planning and Implementation

- Determine appropriate risk response strategy and response actions
- Assign roles and responsibilities for risk actions
- Execute the risk response plan(s) and the contingency plan(s)
- Encourage stakeholders to provide feedback on the risk response
- Evaluate and react to secondary and residual risks from the response implementation
- Exam Q and A review and Case Studies

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Day 5 - Monitor and Close Risks

- Gather and analyze performance data
- Monitor residual and secondary risks
- Risk auditing best practices
- Provide information required to update relevant project documents and plans
- Monitor project risk levels
- Exam Q and A review and Case Studies

Seminar dates

Available seminar dates

Live dates and pricing for Construction Risk Management generated from the course details page.

Date	Location	Format	Fee
11 - 15 May 2026	Barcelona	Classroom	€2,695
8 - 12 June 2026	Rome	Classroom	€2,975
6 - 10 July 2026	Kuala lumpur	Classroom	€1,575
10 - 14 August 2026	Barcelona	Classroom	€2,695
14 - 18 September 2026	London	Classroom	€2,940
5 - 9 October 2026	Munich	Classroom	€2,415
16 - 20 November 2026	Barcelona	Classroom	€2,695

Live online option

Online delivery is available at €1,250.