

**Course Name**

# **Advanced Project Risk Management**

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**Sector Name**

Project & Contract Management

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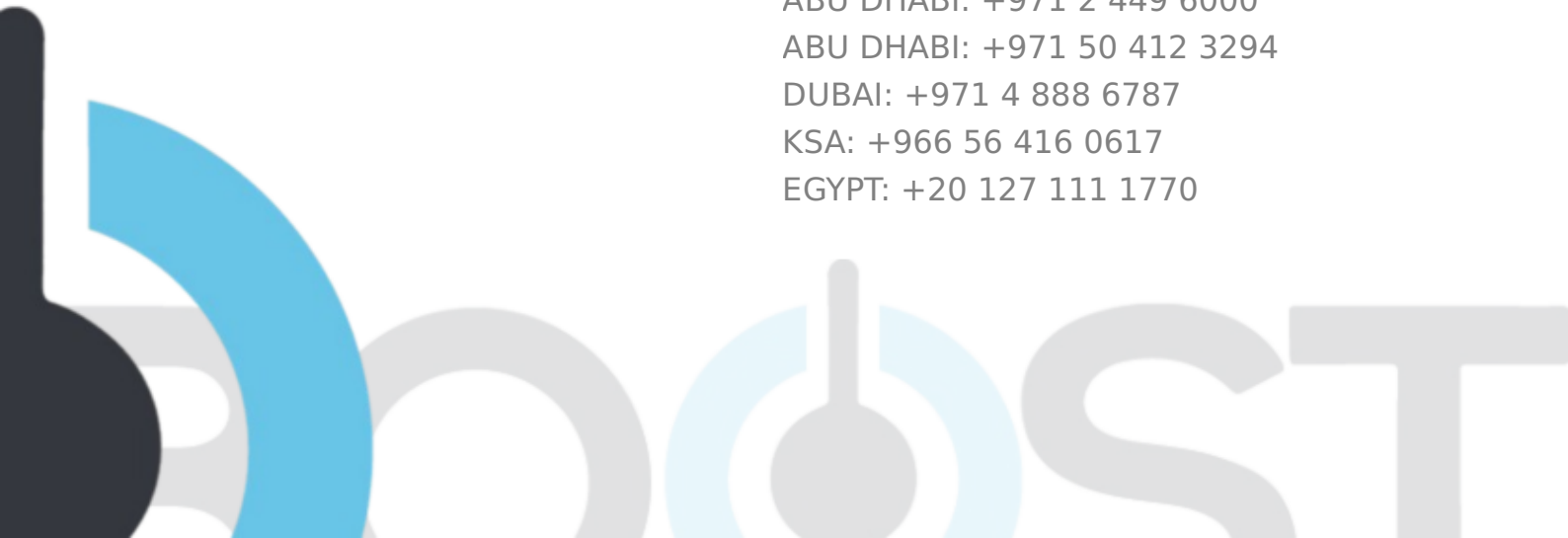
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## Advanced Project Risk Management

### Course Introduction

Comprehensive and effective risk management processes are vital to successful project delivery. To stay competitive in today's complex business environment, project professionals must master advanced risk management techniques that enable insightful analysis and robust decision-making.

This intensive program equips participants with specialised knowledge and practical tools to identify, assess, and manage complex risks and uncertainties across all phases of a project. Participants will deepen their understanding of quantitative project risk analysis, learn to apply risk-based scheduling techniques, and integrate economic evaluation frameworks to enhance project governance and value delivery.

**By the end of the program,** attendees will be able to apply advanced risk management theory and tools to develop resilient strategies that anticipate, mitigate, and transform risk into opportunity.

## Advanced Project Risk Management

### Target Audience

- ✓ Project Managers
- ✓ Program Managers
- ✓ Portfolio and Risk Managers
- ✓ Managers of Project Teams
- ✓ Professionals involved in high-risk or complex project environments

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## Advanced Project Risk Management

### Learning Objectives

- ✓ Apply advanced project management theories, principles, and best practices in real-world risk contexts.
- ✓ Critically evaluate global developments and emerging trends in project risk management.
- ✓ Formulate innovative and effective responses to stakeholder needs through informed decision-making.
- ✓ Integrate research-based approaches and economic evaluation techniques to enhance project resilience and governance.
- ✓ Develop and implement risk-based scheduling and resource allocation strategies for diverse projects.

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## Advanced Project Risk Management

### Course Outline

#### ✓ DAY 01

##### **Foundation Concepts & Risk Governance**

- ✓ Understanding key risk-related definitions and terminology
- ✓ The integrated risk management process and its role in project success
- ✓ Characteristics of high-risk and complex projects
- ✓ Common causes of project failure and classical challenges in risk implementation
- ✓ Establishing governance frameworks and risk ownership structures
- ✓ Planning the overall risk management approach for high-risk projects

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## Advanced Project Risk Management

### Course Outline

#### ✓ Day 02

##### **Risk Identification & Assessment Frameworks**

- ✓ Adapting risk identification processes for complex and high-value projects
- ✓ Recognizing emerging and spontaneous risks
- ✓ Structuring and validating risk events for effective treatment
- ✓ Techniques for stakeholder-based risk identification and validation
- ✓ Introduction to qualitative and quantitative risk analysis frameworks
- ✓ Group exercise: Drafting a preliminary risk register for a sample project

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## Advanced Project Risk Management

### Course Outline

#### ✓ Day 03

##### **Qualitative Risk Analysis**

- ✓ Adapting qualitative analysis for complex project environments
- ✓ Prioritizing and categorizing risks using probability and impact matrices
- ✓ Accelerated assessment methods and rapid evaluation techniques
- ✓ Determining overall project risk exposure
- ✓ Preparing for advanced quantitative analysis
- ✓ Case study: Managing risk prioritization under uncertainty

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## Advanced Project Risk Management

### Course Outline

#### ✓ Day 04

##### **Quantitative Risk Analysis**

- ✓ Building strong data foundations for quantitative analysis
- ✓ Applying discrete and continuous risk analysis tools
- ✓ Introduction to Monte Carlo simulations and sensitivity analysis
- ✓ Risk-based economic evaluation and project feasibility testing
- ✓ Using specialized software for quantitative assessment and forecasting
- ✓ Interpreting simulation results to support data-driven decision-making

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## Advanced Project Risk Management

### Course Outline

#### ✓ Day 05

##### **Risk Response, Implementation & Monitoring**

- ✓ Developing proactive and adaptive risk response strategies
- ✓ Leveraging contingency reserves and buffers for optimal performance
- ✓ Executing, monitoring, and updating risk response plans
- ✓ Embedding continuous monitoring and reassessment mechanisms
- ✓ Maintaining vigilance and governance throughout the project lifecycle
- ✓ Course wrap-up: Integrating advanced risk management into organizational culture

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## Advanced Project Risk Management

### Confirmed Sessions

| FROM           | TO             | DURATION | FEES       | LOCATION         |
|----------------|----------------|----------|------------|------------------|
| Dec. 21, 2026  | Dec. 25, 2026  | 5 days   | 4250.00 \$ | UAE , Dubai      |
| March 14, 2027 | March 18, 2027 | 5 days   | 4250.00 \$ | KSA , Al Khobar  |
| May 3, 2027    | May 7, 2027    | 5 days   | 4250.00 \$ | UAE , Abu Dhabi  |
| Oct. 4, 2027   | Oct. 8, 2027   | 5 days   | 4950.00 \$ | England , London |
| June 20, 2027  | June 24, 2027  | 5 days   | 4250.00 \$ | KSA , Riyadh     |
| Nov. 22, 2026  | Nov. 26, 2026  | 5 days   | 2150.00 \$ | Virtual , Online |

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