

IDENTIFYING, ANALYSING, AND MITIGATING PROJECT RISKS

“Mastering Risk Management to Safeguard Project Success and Minimize Uncertainty”

Schedule

| Date | Venue | Fees (Face-to-Face) |
|------------------|------------------|-----------------------|
| 02 - 06 Nov 2026 | Istanbul, Turkey | USD 3495 per delegate |

► Available delivery methods: Face-to-Face & Online Training

Introduction

Project risk is inevitable—but unmanaged risk can derail schedules, inflate costs, and damage stakeholder confidence. Proactive and structured risk management is essential for project success, particularly in high-stakes or complex environments.

This intensive 5-day training program provides a comprehensive, hands-on approach to project risk management aligned with global best practices (PMBOK®, ISO 31000). Participants will learn to identify risks early, perform qualitative and quantitative risk analysis, and develop mitigation strategies that protect performance, budgets, and timelines.

Objectives

By the end of this course, participants will be able to:

- Define and classify project risks in various project environments
- Conduct risk identification using structured tools and techniques
- Apply qualitative and quantitative methods to assess risk severity and impact
- Design and prioritize mitigation, transfer, and contingency plans
- Integrate risk management into project planning and governance

Why Attend

- Enhance project resilience and delivery certainty
- Prevent costly overruns and reputational damage from unanticipated events
- Support informed decision-making with data-driven risk insights
- Strengthen internal controls, stakeholder trust, and audit readiness
- Align risk strategies with corporate objectives and risk appetite

Target Audience

This program is designed for:

- Project Managers and Team Leaders
- Project Risk and Compliance Professionals
- PMO and Project Controls Staff
- Engineers, Planners, and Financial Controllers
- Anyone involved in project delivery, monitoring, or audit

Individual Benefits

Key competencies that will be developed include:

- Risk breakdown structure (RBS) creation and classification
- Use of risk registers, scoring matrices, and heat maps
- Monte Carlo simulations and sensitivity analysis (introductory level)
- Mitigation planning and escalation protocols
- Integration of risk controls into scheduling and budgeting

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- More predictable project outcomes and stakeholder satisfaction
- Early identification and containment of threats to scope, time, and cost
- Improved compliance with internal risk frameworks and audit requirements
- Smarter resource allocation through risk-based decision-making
- Reinforced organizational culture of risk awareness and accountability

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Core principles of risk management and international standards
- Case Studies - Lessons from successful and failed project risk practices
- Workshops - Risk identification, scoring, mitigation, and contingency planning
- Peer Exchange - Group discussions on real-world risk scenarios
- Tools - Risk registers, templates, analysis spreadsheets, and decision trees

Course Outline

DETAILED 5-DAY COURSE OUTLINE

Training Hours: 07:30 AM – 03:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Foundations of Project Risk Management

- Module 1: Understanding Risk in Projects (07:30 – 09:30) • Definitions, types of risks, and the risk management lifecycle
- Module 2: Risk Management Frameworks and Standards (09:45 – 11:15) • PMBOK®, ISO 31000, and corporate governance guidelines
- Module 3: Workshop – Developing a Risk Management Plan (11:30 – 01:00) • Planning risk processes for a sample project
- Module 4: Risk Culture and Stakeholder Expectations (02:00 – 03:30) • Promoting accountability and transparency in risk reporting

Day 2: Risk Identification and Classification

- Module 5: Techniques for Identifying Risks (07:30 – 09:30) • Interviews, brainstorming, Delphi, checklists, SWOT, lessons learned
- Module 6: Categorizing and Documenting Risks (09:45 – 11:15) • Creating a Risk Breakdown Structure (RBS)
- Module 7: Workshop – Building a Project Risk Register (11:30 – 01:00) • Documenting and classifying risks for a mock case
- Module 8: Triggers, Early Warning Signs, and Risk Ownership (02:00 – 03:30) • Establishing responsibility and control thresholds

Day 3: Risk Analysis – Qualitative and Quantitative

- Module 9: Qualitative Risk Assessment Tools (07:30 – 09:30) • Probability-impact matrix, scoring, and prioritization
- Module 10: Quantitative Risk Analysis Techniques (09:45 – 11:15) • Decision trees, expected monetary value (EMV), simulation overview
- Module 11: Workshop – Risk Scoring and Prioritization (11:30 – 01:00) • Applying tools to rank risks by exposure
- Module 12: Using Software for Risk Modeling (02:00 – 03:30) • Intro to Monte Carlo simulation and analysis platforms

Day 4: Mitigation, Transfer, and Contingency Planning

- Module 13: Risk Response Strategies (07:30 – 09:30) • Avoid, transfer, mitigate, accept – when and how to apply each
- Module 14: Costing Risk and Contingency Budgets (09:45 – 11:15) • Linking risk plans to cost buffers and funding
- Module 15: Workshop – Developing Mitigation and Response Plans (11:30 – 01:00) • Group work on matching responses to top risks
- Module 16: Contractual and Insurance Risk Transfer (02:00 – 03:30) • Legal tools for shifting responsibility

Day 5: Monitoring, Control, and Lessons Learned

- Module 17: Risk Monitoring and Reporting (07:30 – 09:30) • Risk KPIs, dashboards, and reporting protocols
- Module 18: Audit, Governance, and Risk Assurance (09:45 – 11:15) • Internal controls and project oversight
- Module 19: Final Case Study – Risk Management Simulation (11:30 – 01:00) • Simulating risk events and applying course tools
- Module 20: Review, Feedback, and Action Planning (02:00 – 03:30) • Personal implementation roadmaps and certification

Certification

Participants will receive a Certificate of Completion in Project Risk Identification, Analysis, and Mitigation, validating their competence in managing risk throughout the project lifecycle using global standards and practical tools.

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