



## Project Risk Analysis & Management

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## **Project Risk Analysis & Management**

**5 days training course**

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**For detailed information on training course dates, please click the link:**

**[Project Risk Analysis & Management.](#)**

## WHO SHOULD ATTEND?

This Project Risk Analysis & Management course is designed for professionals involved in all stages of project development, from initiation through implementation and management. The training is particularly beneficial for:

- **Project and Contracts Personnel** in both public and private sectors
- **Technical Specialists** seeking broader perspectives on project planning and implementation
- **Government Officials**, Ministries, and Public Sector Agencies
- **Project Financiers, Developers, Sponsors, and Consultants**
- **Risk Management Personnel**
- **Project Management Professionals**

## COURSE INTRODUCTION

Risk is an inherent part of any project. Understanding how to identify, assess, and manage risks can make the difference between success and failure. This Project Risk Analysis & Management course will provide professionals with the tools and techniques needed to handle risks effectively throughout a project's lifecycle. It covers the processes of selecting appropriate project structures, identifying risks, assessing their impacts, and developing strategies to manage them, including methods for handling uncertainty and securing the financial stability of projects.

## COURSE OBJECTIVES

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

- Understand the principles of project risk management and its application across various project structures.
- Identify and assess a broad range of risks, including financial, operational, and strategic risks.
- Develop effective risk response strategies and understand when to apply techniques like avoidance, mitigation, and transfer.
- Utilize tools like risk matrices and sensitivity analysis to evaluate risks.
- Integrate risk management practices into daily project activities and ensure that risk management is part of the decision-making process.
- Apply the concept of Public-Private Partnerships (PPPs) and understand how risks can be shared and managed in such arrangements.
- Implement best practices in project funding and resource allocation to ensure successful project execution.

## **Course Outline:**

### **DAY 1: Project Structure Selection**

- Planning Structures for Delivering Projects
- Defining a Risk Tolerance Baseline for all Activities
- Scaling Risk Management to Project Size and Complexity
- Addressing Risks from Different Stakeholders' Perspectives:
  - Sponsors
  - Lenders
  - Investors
  - Contractors
- Concession Contract Models and Foreign Direct Investments
- Joint Ventures and Service Outsourcings
- Keeping Structures & Financing Flexible to Accommodate Changes

### **DAY 2: Risk Identification & Assessment**

- Risk Identification Techniques
- Developing a Risk Matrix (Risk Ratings based on Probability & Impact)
- Types of Risks:
  - Hazard Risks
  - Financial Risks
  - Operational Risks
  - Strategic Risks
  - Internal & External Risks
- Risk Assessment & Analysis Methods
  - Sensitivity Analysis (What-if Analysis)
  - Estimating Likelihood and Cost of Risks
  - Risk Response and Mitigation Planning
- Monitoring and Communicating Risk

### **DAY 3: Risk Management**

- Objectives of Project Risk Management
- Tools and Techniques for Risk Management:
  - Avoidance
  - Transference
  - Mitigation
  - Acceptance
- Limitations of Risk Management Strategies
- Use of Insurance & Third-Party Mechanisms in Risk Strategies
- Constructing a Risk-Adjusted Project Cost Model
- Testing Affordability Using Risk Factors
- The Role of Incentives, Sanctions, and Risk Sharing
- Using Project Design, Financial, and Organizational Arrangements for Risk Management

#### **DAY 4: The PPP Contract Model**

- Understanding the Principles of Project Appraisal, Selection, Design, and Risk Management for Successful Projects
- Introduction to Public-Private Partnerships (PPPs)
- Managing Key Risk Areas in PPPs
- Use of PPPs in Different Sectors and Services
- Roles and Relationships Between Public and Private Parties in PPPs
- Proper Management of PPP Contracts
- Lessons Learned for Adopting and Adapting PPP Models in Future Projects

#### **DAY 5: Project Funding Solutions**

- Embedding Risk Management into Daily Operations
- Allocating Resources for Risk Management Activities
- Integrating Risk Management into Project Protocols and Controls
- Risk Management Monitoring and Control Throughout the Project Lifecycle
- Evaluating the Effectiveness of Risk Response Actions and Adjusting Accordingly
- Summarizing Conclusions and Group Discussions



## DOCUMENTATION

The **MTC team** has meticulously prepared **high-quality training materials** for distribution to all delegates.

## CERTIFICATES

An **accredited Certificate of Completion** will be awarded to participants who successfully attend and complete the program.

## SCHEDULE

Course sessions are scheduled as follows:

- **Morning Session:** 09:00 AM – 1:00 PM
- **Afternoon Session:** 01:00 PM – 05:00 PM

## REGISTRATION & PAYMENT

To register, please complete the **registration form** available on the course page and submit it with your **preferred payment method**. Alternatively, you can contact us via **email or WhatsApp** for assistance.

## TRAVEL & TRANSPORT

We ensure a **seamless travel experience** by providing **airport-hotel-airport** transfers for all participants.