TECHNICAL
EDUCATION
ACADEMY

## School of Business and Management

**COURSE PROGRAMME**

000561

# PRME010 - Risk Management

The "Risk Management in Projects" training program covers all aspects of risk management, from the basics of project management to the monitoring and control of risks.



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# Course overview

**Foundation level**

## Why take this course

The "Risk Management in Projects" training program covers all aspects of risk management, from the basics of project management to the monitoring and control of risks. It includes studying the project life cycle, evaluation criteria, and the classic management model. Special attention is given to integrating risk management into the overall project management structure, including the definition, dynamics, and components of risk.

The program delves into formal risk management planning, including creating a risk management plan, its structure, and risk assessment methods. It also trains participants in risk identification, using various methods for classification and registration, which are foundational for subsequent analysis and management.

Modules on qualitative and quantitative risk analysis provide tools for assessing and forecasting potential problems, while risk response planning and subsequent monitoring and control help manage changes and unexpected events in the project.

In summary, the program provides comprehensive training in risk management, from identification to control, preparing participants for effective response and adaptation to changes, which is key to project success.

## Who it is for and how it helps

• Project Managers (beginners and mid-level experienced)

• Experienced project team leaders

• Senior technical specialists

• Anyone responsible for managing project risks and looking to learn to do it more effectively and efficiently

## What you will learn

- Identify and classify risks: Learn to identify potential risks at various stages of the project life cycle, using tools and methods for classification and registration
- Plan risk management: Develop and update a risk management plan, including the structure of the plan and using probability and impact matrices for qualitative and quantitative risk assessment
- Analyze and assess risks: Gain knowledge of qualitative and quantitative risk analysis methods, and learn to assess interdependencies and potential impacts of risks on the project
- Develop risk response strategies: Choose and apply risk response strategies, refine action content, and adapt the project schedule according to changes
- Monitor and control risks: Regularly monitor risks, control their impact on the project, and evaluate the effectiveness of response measures

# Curriculum

Modules 01–05

## 01 What is a Project and Project Management

- Distinguishing a project from other forms of organizational activities
- Project evaluation criteria: time, quality, cost
- Project life cycle
- Classic six-stage project management model

## 02 The Role of Risk Management in Overall Project Management

- Definition of risk. Objectives and tasks in project risk management
- Dynamics and characteristics of risks at various stages of the project life cycle
- Risk management – the connection to all project management activities
- Components of risk

## 03 Risk Management Planning

- Formal planning, risk management plan
- Risk management plan structure and templates
- Probability and impact matrix
- Influence matrix for qualitative risk assessment
- Updating the risk management plan

## 04 Risk Identification

- Main sources for risk identification
- Identification tools and methods
- Risk classification and hierarchical structure of risks
- Risk register format and key risk attributes

## 05 Qualitative and Quantitative Risk Analysis

- Methods of qualitative risk analysis
- Methods of quantitative risk analysis
- Risk interdependencies

# Curriculum

Modules 06–07

## 06 Risk Response Planning

- Selecting risk response strategies
- Refining action content
- Updating the project schedule
- Supplier and contract analysis, selecting appropriate contracts

## 07 Risk Monitoring and Control

- Monitoring frequency and forms
- Potential impact on project outcomes
- Uncertainties, threats, or opportunities
- Summarizing past risks and executed response measures

## Pre-course requirements

- Basic knowledge in project management: Understanding key concepts and terminology such as project life cycle, stakeholders, and project goals and objectives
- Experience in project teams: Preferably practical experience in participating in or managing project teams to better understand the context and apply knowledge in practice
- Analytical thinking skills: Ability to analyze information, draw conclusions, and make informed decisions, necessary for risk assessment and management
- Data handling skills: Basic skills in working with data and analysis tools, such as Excel or other programs for qualitative and quantitative risk analysis
- Communication skills: Effective communication with colleagues and stakeholders, as risk management often requires coordination between various project participants

# Participation and contacts

## Joining the programme

Contact the Academy and quote course code 000561 to confirm dates, delivery format, prices and enrolment terms.

## Training for your team

Tell us your business goals, the roles and number of participants, and your preferred dates and location. This will help us discuss the right training option.

## Preparing for the programme

Read the pre-course requirements in this programme before enrolling.

## Discuss your training needs

mail@tecedu.org
www.tecedu.academy

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