PMI – Risk Management Professional (PMI-RMP)®

Description

Projects are becoming increasingly complex and subject to constant uncertainties. Mastering professional risk management has therefore become an essential skill to ensure the success of strategic initiatives. The PMI-RMP® certification provides you with the knowledge required to anticipate, analyze, and effectively address threats and opportunities within your projects.

A structured approach to better manage uncertainty

This risk management training offered by ITTA is based on PMI standards and covers all key processes of the discipline. Over four days, you will learn to identify risks, evaluate them both qualitatively and quantitatively, and define appropriate responses. You will also understand how to monitor their evolution over time and adjust your plans accordingly. This methodical approach, grounded in the project lifecycle, gives you a clear and practical vision you can apply immediately in your organization.

Effective preparation for the PMI-RMP® certification

By attending this training, you actively prepare for success in the PMI-RMP® exam. The concepts are presented in a pragmatic way and reinforced with concrete examples drawn from real projects. You will learn when to accept a risk or when to avoid it, how to use tools such as the probability-impact matrix, and how to apply advanced simulation techniques. As an Authorized Training Partner of PMI, ITTA guarantees high-quality guidance aligned with the latest international practices. This program is a unique opportunity to strengthen your risk management skills and enhance your strategic role within projects.

Course Content

Module 1: Introduction to Risk Management concepts

- Objectives of risk management
- Risk management and the project life cycle
- · Critical success factors
- When to accept risk, and when to avoid

Module 2: Principles and Concepts of Risk Management

- Definition of risk & risk management
- Stakeholder risk attitudes
- Responsibilities for risk within projects

Module 3: Introduction to PMI Risk Management Processes

- Stakeholder risk tolerance
- · Overview of the risk management processes

Module 4: Plan Risk Management

Purpose of risk management planning

- · Components of the risk management plan
- · Success criteria for risk planning
- Barriers to successful risk planning
- Risk Breakdown Structures (RBS)
- Techniques for Risk Planning
- The Risk Management Plan
- Stakeholder Risk Tolerance & Thresholds

Module 5: Identify Risks

- Purpose, objectives & Critical success factors
- Typifying risks
- · Risk identification techniques
- Information Gathering Techniques
- Checklist Analysis
- · Analyzing assumptions & constraints
- Diagramming Techniques
- Cause & Effect (Fishbone diagrams)
- Risk triggers
- The risk register
- · Determining which risk tool to use

Module 6: Perform Qualitative Risk Analysis

- Purpose, objectives & Critical success factors
- Categorizing risks
- · Risk probability and impact, Risk score
- P-I Matrix

Module 7: Perform Quantitative Risk Analysis

- Purpose, objectives & Critical success factors
- Accounting for risk inter-relations in projects
- Data Gathering & Representation techniques
- Modeling & Simulation, Probability distribution
- Monte Carlo Simulations, S- curves
- · Tornado diagrams, sensitivity analysis, criticality analysis
- Decision trees
- Risk Expected Monetary Value (EMV) calculation

Module 8: Plan Risk Responses

- · Risk owners, risk action owners
- Strategies for positive and negative risks
- Risk & contracting
- The risk response action plan
- Contingency planning, calculating the contingency fund
- · Secondary & residual risks

Module 9: Monitor and Control Risk

- Risk re-assessment
- Process improvement

- Managing contingency reserves
- · Risk audits, trend analysis

Lab / Exercises

- Practical exercises based on a case scenario
- After each lesson, the class goes through a series of relevant questions to start their preparation to the exam

Documentation

- · Officially accredited courseware
- PMI's "Practice standard for scheduling Third edition" book
- An additional exam prep book

Exam

To obtain the PMI Risk Management Professional (PMI-RMP) certification, you must follow the procedure below:

- Ensure that you meet the eligibility requirements for the PMI-RMP credential.
- High school diploma (BAC) holders:
 - o 36 months of project risk management experience within the last 5 years
 - o 40 hours of project risk management training
- Higher education graduates (Master's degree):
 - o 24 months of project risk management experience within the last 5 years
 - 30 hours of project risk management training
- Complete the application form with your experience and references (in case of an audit).
- Prepare for the exam with practice tests featuring multiple sets of 115 multiple-choice questions (duration: 150 minutes).
- PMI must approve your application (typically within 5 business days; 10 if audited).
- Proceed with the payment.
- Receive an exam voucher (valid for 1 year).
- Schedule your exam at an authorized test center or online with proctoring.
- The PMI-RMP certification is valid for three years.

For more information about the certification: click here.

Participant profiles

- Risk Managers
- Project and Program Managers
- Portfolio Managers
- PMO Members
- Risk Management Consultants

Prerequisites

At least 3 years of project risk management

Objectives

- Identify and understand risks inherent in projects / programs / portfolios
- Effectively and efficiently manage risks
- Get prepared to response to risks and improve success rate of your projects
- Start preparation to sit for the PMI-RMP exam

Description

Risk Management Professional (PMI-RMP)® Training

Niveau

Intermédiaire

Classroom Registration Price (CHF)

3100

Virtual Classroom Registration Price (CHF)

2900

Duration (in Days)

4

Reference

PMI-RMP