

# PMI – Risk Management Professional (PMI-RMP)®

## Description

This four-days course has been designed anyone who wants to control his/her work through an effective and efficient management of uncertainties and thus increase their success rate.

Risks are everywhere and may strongly influence that you meet or not your objectives. With this PMI-RMP course, you will get understanding, knowledge, approach and techniques to correctly balance activities to control factors that may make you fail or to increase the value of opportunities.

## 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:
  - 36 months of project risk management experience within the last 5 years
  - 40 hours of project risk management training
- Higher education graduates (Master's degree):
  - 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 / program / portfolio managers
- Anyone being active in a project / program / portfolio
- PMOs
- Line Managers

### **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

### **Niveau**

Intermédiaire

### **Classroom Registration Price (CHF)**

3100

### **Virtual Classroom Registration Price (CHF)**

2900

### **Duration (in Days)**

4

### **Reference**

PMI-RMP