

Risk Management Professional - RMP - PMI Certification Training

Earn the advanced PMI-RMP certification and become the kind of project leader who anticipates risk before it strikes. Identify and mitigate threats to your project's success using proven risk management frameworks from the Project Management Institute. Taught by seasoned risk management expert Bob Mahler, this training helps you think ahead, act decisively, and confidently prepare for the PMI-RMP while positioning yourself for specialized project and risk management roles.

[CBT Nuggets course material](#) →

WEEK 1

Intro to the PMI-RMP Course

- The RMP Application
- The Exam Content Outline
- The RMP Exam Cheat Sheet
- Course Roadmap
- Class Resources
- Test Your Knowledge!

Risk Management Fundamentals

- Introduction
- Definitions
- The Principles of Risk Management
- Risk Attitudes and Influences
- Sources of Risk
- Test Your Knowledge!

Defining Risk Management Strategy

- Introduction
- Purpose and Scope
- Tailoring
- Quantifying Appetite
- Roles and Responsibilities
- Tools, Techniques and Data Sources
- Risk Strategy Example
- Test Your Knowledge!

Developing the Risk Management Plan

- Introduction

The Purpose Behind the Plan
Risk Plan Components
Inputs, Tools & Outputs
Plan Tailoring
The Probability and Impact Matrix
Escalation Paths
Plan Selection Tool
Risk Plan Template
Test Your Knowledge!

Integrating Risk Management with other Plans

Introduction
The Integration Mindset
Linking Risk to Major Project Plans
Practical Risk Linkage Points
Governance and Continuous Alignment
Skill Exercise!
Test Your Knowledge!

Risk Identification

Introduction
The Purpose of Identification
Sources of Risk
Techniques for Risk Identification
The Risk Register
Continuous Identification
Test Your Knowledge!

The Risk Whisperer Workshop

Introduction
Risk Vocabulary Mix and Match
Risk Strategy vs Risk Plan
Integrating Risk Management Across Plans
Risk Identification Tools and Techniques
Risk Sources and Categories
Threats vs Opportunities
Test Your Knowledge!

Qualitative Risk Analysis

Introduction
The Purpose and Process
Probability and Impact Scales
Using the PIM
Risk Categories and Root Causes
Risk Register Updates
Tools Trouble
Test Your Knowledge!

Qualitative Risk Analysis Workshop

Introduction
Calculating PIM Scores
PIM Quality Check
Data Gathering
Data Analysis
Data Representation - Part 1
Data Representation- Part 2
Assessment of Other Risk Parameters
Test Your Knowledge!

Quantitative Risk Analysis

Introduction

Measurable Exposure

Inputs and Tools

Probability Distributions

Expected Monetary Value

Sensitivity Analysis

Monte Carlo Simulation

Test Your Knowledge!

Quantitative Risk Analysis Workshop

Introduction

PERT

Expected Monetary Value

Decision Trees

Sensitivity Analysis

Test Your Knowledge!

Plan Risk Responses

Introduction

Strategy Selection

Threat Response Strategies

Opportunity Response Strategies

The Leftovers

Response Considerations

The Optimal Response

Response Effectiveness

Test Your Knowledge!

Risk Response Workshop

Introduction

Threat Response Exercise

Opportunity Response Exercise

Risk Owner Exercise

Risk Register Exercise

Test Your Knowledge!

Implementing and Monitoring Risk Responses

Introduction

Implement Predictive Responses

Monitoring Predictive Risks

Agile Response Implementation

Monitoring Agile Risks

Hybrid Response Implementation

Monitoring Hybrid Risks

Test Your Knowledge!

Implementing Responses and Monitor Risks Workshop

Introduction

Variance Trend Detection

Risk Triggers

Risk Register Madness

The Risk Report

Hybrid Dashboard

Heat Map

Test Your Knowledge!

Mid-Course Exam- Set 1 (50 Questions)

Introduction

First Set!

Second Set

Set Number 3!

The 4th Set!

The Final Set

Exam Diagnostics Tool

Test Your Knowledge!

Multi-ECO Exam!

Introduction

The First 10

The Second Set

The Halfway Mark

Almost There!

The Fifth Dimension

Exam Diagnostic Tool

Test Your Knowledge!

Risk Escalation

Introduction

Governance as a Differentiator

What Governance Actually Means

Authority Layers

Appetite, Tolerance and Thresholds in Practice

Escalation Triggers

Escalation by Delivery Approach

Common Governance Failures

Governance Best Practices

Test Your Knowledge!

Risk Escalation Workshop

Introduction

Escalate or Absorb Walkthrough

Escalation Path Mapping Discussion

The Bad Escalation

Delivery Model Escalation Fork

Authority Boundary Test

Escalation Readiness Checklist

Test Your Knowledge!

Program Risk

Introduction

Why Projects Go Green and Programs Red

Programs Are Risk Systems

WEEK 2

Interdependency Risk

Risk Aggregation and Contagion

Program Risk Ownership

Program Level Escalation

Common Program Risk Failures

Test Your Knowledge!

Program Risk Workshop

Introduction

The Risk You Don't Own

The Agile/Hybrid Risk You Don't Own

Escalate or Absorb?

Predictive Interdependency Map

Hybrid Interdependency Map

Test Your Knowledge

Human Bias and the Impact on Risk Management

Introduction

Why Risk Failures are Usually Human

Optimism Bias and the Planning Fallacy

Confirmation Bias and Anchoring

Authority Bias and Groupthink

The Sunk Cost Fallacy

Bias Countermeasures

Test Your Knowledge!

Risk Interdependencies and Correlation

Introduction

How Can a Risk Register Lie?

Dependency vs Correlation vs Causation

Common Patterns PMs Miss

Aggregated Risk is Not Additive

Visualizing Interdependencies

Managing Correlated Risks in Execution

Executive Implications

Test Your Knowledge!

Risk Propagation and Cascading Failures

Introduction

From Trigger Event to Initial Impact

Secondary Effects and Spillover

Amplification Points

Loss of Containment

Escalation Thresholds

Learning from Cascades

Test Your Knowledge!

Risk Response Trade-Offs

Introduction

Every Response Has a Cost

Avoidance- Maximum Control and Maximum Disruption!

Mitigation- Reducing Risks While Creating New Ones!

Transference- Moving the Impact But Not the Ownership!

Acceptance- The Most Misunderstood Strategy!

Hybrid Responses

Choosing the Least Harmful Option

Test Your Knowledge!

Step-by-Step: The RMP Application

Introduction

Application Tool Overview

Project Input

Application Readiness Status

The Audit Process

Common Audit Problems

The Pass!

Test Your Knowledge