

RISK MANAGEMENT PROFESSIONAL (PMI-RMP)



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TRAINING CENTER



Introduction

Risk Management Professional (PMI-RMP) Training Course prepares project and programme professionals to manage risk with the discipline the PMI framework expects. Projects fail on unmanaged uncertainty far more often than on technical shortfalls. This programme covers the full risk management process in PMBOK terms, from planning risk management to identifying, analysing, responding, and monitoring project risk. Furthermore, it examines qualitative and quantitative techniques, risk appetite, and stakeholder engagement in risk work. In addition, participants work through the RMP domain structure and exam-style scenarios. As a result, they can both strengthen project outcomes and prepare for professional certification with confidence.

Risk Management Professional (PMI-RMP) Course Objectives

- Apply the PMI risk management process across project and programme lifecycles.
- Develop risk management plans and risk breakdown structures (RBS).
- Identify risks using interviews, workshops, checklists, and assumption analysis.
- Perform qualitative analysis with probability-impact matrices and urgency assessment.
- Execute quantitative analysis using Monte Carlo simulation and decision trees.
- Plan risk responses with strategies for threats and opportunities.
- Monitor risk with audits, variance analysis, and reserve management.
- Manage risk registers, owners, and response tracking effectively.
- Engage stakeholders in risk identification, review, and escalation.
- Prepare effectively for the PMI-RMP examination structure and domains.



Course Methodology

This course combines expert-led instruction, exam-oriented practice, and applied group workshops. Participants build a risk management plan and RBS for a realistic project, run a Monte Carlo simulation on a schedule model, and prepare a risk response plan. In addition, structured question banks and scenario drills reinforce exam readiness. Templates, checklists, and peer review support immediate application.

Who Should Take This Course

- Project and programme managers handling complex risk.
- Risk managers and PMO risk specialists.
- Project controls, planning, and scheduling professionals.
- Team leads with risk identification responsibilities.
- PMP holders and practitioners pursuing PMI-RMP.

Risk Management Professional (PMI-RMP) Course Outlines

Day 1: Risk Management Foundations and Planning

- Risk concepts, tolerance, and stakeholder risk appetite.
- PMI risk management process and project lifecycle links.
- Risk management plan components.
- Risk breakdown structure (RBS) design.
- Roles, responsibilities, and risk governance.
- Methodologies, tools, and data-gathering approach.



- Workshop: drafting a risk management plan.

Day 2: Risk Identification

- Identification inputs and technique selection.
- Brainstorming, interviews, and Delphi technique.
- Assumption and constraint analysis.
- SWOT analysis and prompt lists.
- Root cause identification and cause-effect diagrams.
- Documenting risks in the risk register.
- Exercise: running a structured risk workshop.

Day 3: Qualitative and Quantitative Analysis

- Probability and impact assessment using defined scales.
- Probability-impact matrix and risk scoring.
- Urgency assessment and near-term prioritisation.
- Data quality assessment for risk analysis.
- Monte Carlo simulation and schedule risk analysis.
- Decision trees and expected monetary value (EMV).
- Practice: quantitative risk analysis of a schedule.

Day 4: Risk Response Planning

- Response strategies for threats: avoid, transfer, mitigate, accept, escalate.
- Response strategies for opportunities: exploit, share, enhance, accept.
- Contingency and management reserves.
- Contingency planning and fallback plans.



- Residual and secondary risk assessment.
- Assigning risk owners and response actions.
- Workshop: building a risk response plan.

Day 5: Monitoring, Control, and Exam Preparation

- Risk audits, reviews, and reassessment cycles.
- Variance and trend analysis on risk exposure.
- Reserve analysis and trigger conditions.
- Updating the risk register and lessons learned.
- Reporting risk to sponsors and governance boards.
- Domain review and exam-style scenario drills.
- Personal development plan for risk practice.

Conclusion

By successfully completing the Risk Management Professional (PMI-RMP) Training Course, participants will have acquired the knowledge to plan, identify, analyse, respond to, and monitor project risk using PMI and PMBOK practice. They will understand how risk breakdown structures, qualitative and quantitative analysis, and reserve management improve project outcomes. As a result, they can apply and communicate risk management with real authority. Gentex Training Center delivers this programme with practical tools participants apply directly in project work.

FAQs for the Risk Management Professional (PMI-RMP) course



Q1 What is the "Risk Management Professional (PMI-RMP)" course about?

It covers the complete project risk management process aligned with PMI practice, from planning and identification through qualitative and quantitative analysis, response planning, and monitoring. The course also prepares participants for the PMI-RMP examination structure and scenario style.

Q2 What are the key benefits of the "Risk Management Professional (PMI-RMP)" course?

Participants gain a structured method for reducing project uncertainty and protecting schedules and budgets. The course improves reserve setting through quantitative analysis, sharpens response planning for threats and opportunities, and builds reporting that sponsors and governance boards can act on.

Q3 What skills will I gain from the "Risk Management Professional (PMI-RMP)" course?

Participants develop risk planning and risk breakdown structure design, risk identification and qualitative analysis, quantitative risk analysis and reserve management, and risk response planning and monitoring. These four skills form the core capability set the course reinforces through its workshops.



Q4 What tools, methods, or standards are covered in the "Risk Management Professional (PMI-RMP)" course?

The course covers the PMI and PMBOK risk management process, risk management plans, risk breakdown structures (RBS), probability-impact matrices, SWOT analysis, Delphi technique, cause-effect diagrams, Monte Carlo simulation, decision trees and expected monetary value (EMV), contingency and management reserves, risk audits, variance and trend analysis, and trigger condition tracking.

Q5 How is the "Risk Management Professional (PMI-RMP)" course applied in real-world practice?

Professionals apply it by preparing risk management plans at project initiation, running identification workshops with stakeholders, and modelling schedule risk with Monte Carlo simulation to size reserves. They also maintain live risk registers, track response actions, and report exposure trends to sponsors and governance boards.