

- **PMI-RMP RISK
MANAGEMENT
PROFESSIONAL - (PMI-
RMP) CERTIFICATION**



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TRAINING CENTER



Introduction

PMI-RMP Risk Management Professional (PMI-RMP) Certification Training Course prepares project risk practitioners to manage project risk end to end and to sit the PMI-RMP examination with confidence. Participants work through project risk management foundations and the PMI-RMP role, risk management planning, stakeholder engagement, and risk governance, risk identification and qualitative risk analysis, quantitative risk analysis, modelling, and contingency planning, and risk response planning, implementation, monitoring, and exam practice as one connected discipline. The programme links the PMBOK risk processes to the tools a practitioner applies on a live project. As a result, learners gain a practical command of project risk management. Furthermore, the course strengthens risk judgement, quantitative literacy, and exam readiness.

PMI-RMP Risk Management Professional - (PMI-RMP) Certification Course Objectives

- Explain project risk management concepts, governance, and the PMI-RMP role.
- Apply the PMBOK risk management processes in sequence.
- Apply risk management planning and stakeholder risk engagement.
- Apply risk identification techniques: interviews, checklists, and Delphi.
- Apply qualitative risk analysis with probability-impact matrices.
- Apply quantitative risk analysis: Monte Carlo simulation and EMV.
- Apply contingency and management reserves and cost and schedule risk.
- Apply risk response strategies: avoid, transfer, mitigate, accept, and escalate.
- Apply risk monitoring, risk registers, and risk audits.
- Apply exam technique and PMI-RMP question practice.

Course Methodology



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- Interactive sessions built on PMBOK risk processes and real projects.
- Workshops on risk registers, probability-impact matrices, and responses.
- Group exercises on Monte Carlo inputs and expected monetary value.
- Hands-on practice with risk breakdown structures and risk dashboards.
- Simulation of a risk review meeting and an exam-style question set.
- Facilitator coaching and peer review on personal exam preparation plans.

Who Should Take This Course

- Project managers and project risk managers.
- Risk analysts and PMO professionals.
- Programme and portfolio risk staff.
- Engineers, planners, and cost professionals.
- Consultants advising on project risk practice.
- Professionals preparing for the PMI-RMP examination.

PMI-RMP Risk Management Professional - (PMI-RMP) Certification Course Outlines

Day 1: Project Risk Foundations and the PMI-RMP Role

- Project risk definitions, uncertainty, and opportunity.
- Risk governance, appetite, and the risk management plan.
- The PMI-RMP role and the PMBOK risk processes.
- Enterprise environmental factors and organisational process assets.
- Risk management in predictive, agile, and hybrid projects.
- Stakeholder engagement in project risk work.





- Case discussion: a project that tracked issues instead of risks.

Day 2: Risk Identification and Qualitative Analysis

- Risk identification techniques: brainstorming, interviews, and Delphi.
- Checklists, assumptions analysis, and root cause identification.
- Risk breakdown structure (RBS) design.
- Probability and impact assessment and rating scales.
- Probability-impact matrices and risk scoring.
- Risk categorisation, urgency, and prioritisation.
- Workshop: building a project risk register and matrix.

Day 3: Quantitative Risk Analysis

- Quantitative risk analysis purpose and readiness.
- Expected monetary value (EMV) and decision tree analysis.
- Monte Carlo simulation for cost and schedule risk.
- Three-point estimating and probability distributions.
- Tornado diagrams and sensitivity analysis.
- Contingency reserve and management reserve calculation.
- Exercise: running a quantitative risk analysis on a case project.

Day 4: Risk Response Planning and Implementation

- Threat response strategies: avoid, transfer, mitigate, and accept.
- Opportunity response strategies: exploit, share, enhance, and accept.
- Escalation and residual risk handling.
- Response owners, action plans, and contingency planning.

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- Fallback plans and workarounds.
- Integrating responses into cost, schedule, and procurement plans.
- Simulation: designing responses for a high-priority risk.

Day 5: Monitoring, Reporting, and Exam Practice

- Risk monitoring, risk reassessment, and risk audits.
- Risk register updates and tracking metrics.
- Risk reporting, dashboards, and escalation thresholds.
- Lessons learned and risk management maturity.
- Exam structure, question types, and time management.
- Situation-judgement and calculation question practice.
- Capstone: presenting a project risk management plan and exam readiness review.

Conclusion

By successfully completing PMI-RMP Risk Management Professional (PMI-RMP) Certification, participants will gain a practical command of project risk management foundations and governance, risk identification and qualitative analysis, quantitative risk analysis with Monte Carlo simulation and expected monetary value, risk response planning and implementation, and risk monitoring, reporting and exam readiness. They will acquire skills in project risk planning and identification, qualitative and quantitative risk analysis, risk response planning and implementation, and risk monitoring, reporting, and exam technique that hold up under scrutiny. Gentex Training Center designs the programme to help professionals manage project risk with confidence.





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

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

It prepares project risk practitioners to manage project risk end to end and to sit the PMI-RMP examination with confidence. The course spans risk foundations and the PMI-RMP role, risk identification and qualitative analysis, quantitative risk analysis, risk response planning and implementation, and monitoring, reporting and exam practice.

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

You gain a practical command of project risk management that links the PMBOK risk processes to the tools a practitioner applies on a live project. The course improves risk registers and identification, strengthens qualitative and quantitative analysis, sharpens response design and reserve setting, and builds monitoring, reporting, and exam technique.

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

You will develop four core skills: project risk planning and identification, qualitative and quantitative risk analysis, risk response planning and implementation, and risk monitoring, reporting, and exam technique.



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

The course covers project risk definitions, uncertainty and opportunity, risk governance, appetite and the risk management plan, the PMI-RMP role and the PMBOK risk processes, enterprise environmental factors and organisational process assets, risk management in predictive, agile and hybrid projects, stakeholder engagement in risk work, risk identification techniques including brainstorming, interviews and Delphi, checklists, assumptions analysis and root cause identification, the risk breakdown structure (RBS), probability and impact assessment and rating scales, probability-impact matrices and risk scoring, risk categorisation, urgency and prioritisation, quantitative risk analysis purpose and readiness, expected monetary value (EMV) and decision tree analysis, Monte Carlo simulation for cost and schedule risk, three-point estimating and probability distributions, tornado diagrams and sensitivity analysis, contingency reserve and management reserve calculation, threat response strategies of avoid, transfer, mitigate and accept, opportunity response strategies of exploit, share, enhance and accept, escalation and residual risk handling, response owners, action plans and contingency planning, fallback plans and workarounds, integrating responses into cost, schedule and procurement plans, risk monitoring, risk reassessment and risk audits, risk register updates and tracking metrics, risk reporting, dashboards and escalation thresholds, lessons learned and risk management maturity, and exam structure, question types and time management.



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

Participants apply it to real work such as building a project risk register and probability-impact matrix, designing a risk breakdown structure, running a quantitative risk analysis with Monte Carlo simulation, calculating expected monetary value and contingency reserve, designing responses for a high-priority risk, running a risk audit and reviewing the register, preparing a risk dashboard, and presenting a project risk management plan. The same methods support PMI-RMP exam preparation and risk management maturity improvement.