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

17 – 28 May 2027
Singapore (Singapore)



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Introduction

The PMI-RMP® Risk Management Professional certification is globally recognized for professionals who demonstrate expertise in identifying, assessing, and managing project risks. As organizations place increasing importance on proactive risk management, having the PMI-RMP® credential sets you apart as a skilled project risk manager.

This comprehensive 2-week course is designed to provide participants with the practical tools, strategies, and frameworks needed to manage project risks effectively and align with PMI's PMBOK® Guide and Risk Management Standard. Through a mix of theoretical knowledge, real-world case studies, and hands-on exercises, this course thoroughly prepares participants for the PMI-RMP® certification exam and success in managing project risk in diverse environments.

Course Objectives

By the end of this course, participants will be able to:

- Understand PMI's framework for project risk management, including best practices and methodologies.
- Identify and assess project risks using qualitative and quantitative tools and techniques.
- Plan comprehensive risk responses and monitor risk throughout the project lifecycle.
- Apply risk management principles to real-world projects for improved performance and reduced uncertainty.
- Prepare confidently for the PMI-RMP® certification exam using proven strategies and resources.

Course Outlines

Day 1: Introduction to Project Risk Management

- Overview of PMI-RMP® certification and exam structure.
- Definition, importance, and key terms: risk, issue, uncertainty, threat, and opportunity.
- Risk management in the PMBOK® framework.
- Organizational risk governance and risk appetite.
- Roles and responsibilities of a risk manager.



Day 2: Risk Management Planning

- Components and purpose of a risk management plan.
- Engaging stakeholders in risk planning.
- Assigning risk roles and responsibilities within project teams.
- Tailoring risk management to project size and complexity.
- Integrating risk planning into overall project management processes.

Day 3: Risk Identification Techniques

- Using brainstorming, interviews, and checklists to identify risks.
- Root cause analysis, SWOT, and other qualitative tools.
- Analyzing assumptions and constraints for potential risks.
- Developing and maintaining a risk register and risk report.
- Identifying both positive opportunities and negative threats risks.

Day 4: Qualitative Risk Analysis

- Conducting probability and impact assessments.
- Risk categorization and risk matrix development.
- Urgency assessment and prioritizing risks.
- Risk scoring techniques.
- Updating the risk register with qualitative data.

Day 5: Quantitative Risk Analysis

- Determining when and why to use quantitative analysis.
- Data gathering techniques and risk modeling.
- Monte Carlo simulation and decision tree analysis.
- Calculating Expected Monetary Value EMV.
- Using sensitivity and tornado diagrams for better decision-making.

Day 6: Risk Response Planning

- Strategies for negative risks: avoid, transfer, mitigate, accept.
- Strategies for positive risks: exploit, share, enhance, accept.
- Developing contingency plans and fallback strategies.
- Identifying residual and secondary risks.
- Documenting risk responses in the risk register for project clarity.



Day 7: Implementing Risk Responses

- Executing agreed-upon risk response strategies.
- Allocating resources and adjusting schedules to accommodate risk actions.
- Monitoring and evaluating the effectiveness of responses.
- Integrating risk responses into the overall project plan.
- Managing change requests triggered by risk response implementation.

Day 8: Monitoring and Controlling Risk

- Tracking identified risks and proactively identifying new risks.
- Performing risk audits and reassessments to maintain project alignment.
- Updating risk documentation and lessons learned.
- Communicating risk status and progress to stakeholders.
- Embedding risk control within overall project monitoring activities.

Day 9: Risk Tools, Techniques, and PMI-RMP® Exam Tips

- Overview of risk management tools and software.
- Measuring risk performance using KPIs and risk metrics.
- Practice exam questions and mock tests for exam readiness.
- Proven strategies for approaching the PMI-RMP® exam.
- Building a final study plan and using recommended resources.

Day 10: Final Review and Case Studies

- Complete walkthrough of risk management processes and integration.
- Real-world project case studies and practical scenarios.
- Group exercises and discussions to reinforce concepts.
- Final Q&A and review of key exam focus areas.
- Closing remarks and actionable next steps toward PMI-RMP® certification.



Why Attend This Course: Wins & Losses!

- Gain Practical, Actionable Skills: Learn how to identify, assess, and manage project risks effectively using PMI's globally recognized framework.
- Hands-on Experience: Through real-world case studies and group exercises, you'll gain practical skills to manage risks proactively.
- Boost Career Opportunities: The PMI-RMP® certification sets you apart as a specialist in risk management, opening doors to leadership and consulting roles.
- Enhance Project Outcomes: By mastering risk management, you'll ensure that your projects meet objectives despite uncertainty.
- Comprehensive Exam Preparation: Gain insights, exam tips, and practice questions to confidently tackle the PMI-RMP® exam.
- Connect and Collaborate: Expand your network by connecting with peers and experts in project risk management.
- Strengthen Organizational Resilience: Apply risk management principles to build more resilient and successful project teams.
- Elevate Your Professional Profile: Be recognized as a trusted advisor who can navigate complexity and uncertainty in projects.

Conclusion

Effective risk management is essential for achieving project success in today's complex environments. The PMI-RMP® Risk Management Professional course provides you with a complete toolkit to identify, assess, and control project risks in alignment with PMI's best practices.

You'll leave this course with the skills and confidence to improve project outcomes, support your team's success, and pass the PMI-RMP® certification exam. Start mastering project risk management today and elevate your role as a risk management professional!

