PMI-RMP: PMI-Risk Management Professional

Course Code: PMI-RMP
Duration: 5 days
Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

PMI's Risk Management Professional (PMI-RMP) credential is a response to project management's increasing growth, complexity and diversity. Globally recognized and demanded, the PMI-RMP® fills the need for a specialist role in project risk management.

It recognizes your unique expertise and competency in assessing and identifying project risks, mitigating threats and capitalizing on opportunities, while still possessing a baseline knowledge and practical application in all areas of project management

SKILLS COVERED

Upon completion of this program, participants should be able to:

- Understand the risk management concepts, approach and techniques
- Apply risk management practices on their own specific project situations

WHO SHOULD ATTEND?

Project managers that intend to apply for the PMI RIsk Management Professional - (PMI-RMPsm)®. The PMI-RMP demonstrates skill and competence in the specialized area of project risk management. If you're looking to fill the risk management specialist role on your project team, hone your basic project management skills and showcase your specialized expertise to employers, the PMI-RMP credential is for you.

PREREQUISITES

To apply for the PMI-RMP, you need to have either:

- A four-year degree (bachelor's or the global equivalent), with at least 3,000 hours of project risk management experience and 30 hours of project risk management education
- A secondary diploma (high school or the global equivalent) with at least 4,500 hours of project risk management experience and 40 hours of project risk management education

MODULES

Module 1: About the PMI-RMP

Module 2: Risk Framework

- Introduction
- Risk management principles and concepts

Module 3: Risk Management Planning

- Risk management plan
- Using organizational process assets
- Risk categories
- Risk breakdown structure
- Risk tolerance and risk thresholds

Module 4: Risk Identification

- Identifying scope, time, resources and quality risks
- Risk register
- Root-cause analysis
- Checklists
- Brainstorming
- Affinity diagrams
- Expert judgement

- Building consensus through NGT and Delphi
- SWOT analysis
- Assumptions analysis

Module 5: Constraints Management

- The constraint concept
- Identifying priorities
- Identifying and removing unnecessary scope
- Managing unknown risks

Module 6: Risk Qualitative Analysis

- Probability and impact assessment
- Risk matrix
- Risk score
- Project risk score
- Data quality
- Risk urgency
- Watchlist
- Top 10 list
- Risk categorization

Module 7: Risk Quantitative Analysis

- Expected monetary value
- Decision tree
- Risk exposure
- Multi-impact risk
- Monte carlo analysis
- Sensitive analysis
- Tornado chart

Module 8: Risk Response

- Identifying risk causes
- Threats response strategies
- Opportunities response strategies
- Contingencies plans
- Fallback plans
- Triggers
- Residual risks
- Secondary risks

Module 9: Managing Overall Project Risk

- The concept of overall project risk and its root-causes
- Project appraisals
- Risk indicators
- 6 alternatives to build the reserve
- Using the reserve

Module 10: Monitoring Risks

- Monitoring cycle
- Risk performance information
- Risk reporting
- Workaround
- Risk trends
- Risk audits
- Risk reassessments
- Risk closure
- Lessons learned

Module 11: Risk Governance

- Adapting to policies
- Metrics
- Lessons learned

Module 12: Simulation, Analysis and Diagnosis of Examination (PMI-RMPsm)

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