

# PMI-RMP: PMI-Risk Management Professional

## Overview

Risks can either make or break a project, but with the right management strategies they offer an unrivalled opportunity to gain a competitive edge. With the PMI-RMP certification updated in 2022, you can become an essential risk specialist for your organization by showing that you have what it takes to effectively juggle enterprise-level risks across agile and hybrid environments alike.

The PMI's Risk Management Professional (PMI-RMP)<sup>®</sup> credential is a response to project management's increasing growth, complexity and diversity. Globally recognized and demanded, the PMI-RMP<sup>®</sup> 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.

## Course Objectives

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

## Duration

5 Days

## Who Should Attend

- If you are a project manager, risk manager, functional manager or C-suite executive, PMI-RMP certification sets you apart
- If you have advanced knowledge and experience in risk management, or if you are a project manager focused on project risk management, including for large projects in complex environments, then the PMI-RMP<sup>®</sup> is an excellent choice for you

## Prerequisites

- 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

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## Course Topics

<b>Module 1</b>	<b>About THE PMI-RMP</b>
<b>Module 2</b>	<b>Risk Framework</b>
	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Risk management principles and concepts</li> </ul>
<b>Module 3</b>	<b>Risk Management Planning</b>
	<ul style="list-style-type: none"> <li>• Risk management plan</li> <li>• Using organizational process assets</li> <li>• Risk categories</li> <li>• Risk breakdown structure</li> <li>• Risk tolerance and risk thresholds</li> </ul>
<b>Module 4</b>	<b>Risk Identification</b>
	<ul style="list-style-type: none"> <li>• Identifying scope, time, resources and quality risks</li> <li>• Risk register</li> <li>• Root-cause analysis</li> <li>• Checklists</li> <li>• Brainstorming</li> <li>• Affinity diagrams</li> <li>• Expert judgement</li> <li>• Building consensus through NGT and Delphi</li> <li>• SWOT analysis</li> <li>• Assumptions analysis</li> </ul>
<b>Module 5</b>	<b>Constraints Management</b>
	<ul style="list-style-type: none"> <li>• The constraint concept</li> <li>• Identifying priorities</li> <li>• Identifying and removing unnecessary scope</li> <li>• Managing unknown risks</li> </ul>

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<p><b>Module 6</b></p>	<p><b>Risk Qualitative Analysis</b></p> <ul style="list-style-type: none"> <li>• Probability and impact assessment</li> <li>• Risk matrix</li> <li>• Risk score</li> <li>• Project risk score</li> <li>• Data quality</li> <li>• Risk urgency</li> <li>• Watchlist</li> <li>• Top 10 list</li> <li>• Risk categorization</li> </ul>
<p><b>Module 7</b></p>	<p><b>Risk Quantitative Analysis</b></p> <ul style="list-style-type: none"> <li>• Expected monetary value</li> <li>• Decision tree</li> <li>• Risk exposure</li> <li>• Multi-impact risk</li> <li>• Monte carlo analysis</li> <li>• Sensitive analysis</li> <li>• Tornado chart</li> </ul>
<p><b>Module 8</b></p>	<p><b>Risk Response</b></p> <ul style="list-style-type: none"> <li>• Identifying risk causes</li> <li>• Threats response strategies</li> <li>• Opportunities response strategies</li> <li>• Contingencies plans</li> <li>• Fallback plans</li> <li>• Triggers</li> <li>• Residual risks</li> <li>• Secondary risks</li> </ul>
<p><b>Module 9</b></p>	<p><b>Managing Overall Project Risk</b></p> <ul style="list-style-type: none"> <li>• The concept of overall project risk and its root-causes</li> <li>• Project appraisals</li> <li>• Risk indicators</li> <li>• 6 alternatives to build the reserve</li> <li>• Using the reserve</li> </ul>

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<p><b>Module 10</b></p>	<p><b>Monitoring Risks</b></p> <ul style="list-style-type: none"> <li>• Monitoring cycle</li> <li>• Risk performance information</li> <li>• Risk reporting</li> <li>• Workaround</li> <li>• Risk trends</li> <li>• Risk audits</li> <li>• Risk reassessments</li> <li>• Risk closure</li> <li>• Lessons learned</li> </ul>
<p><b>Module 11</b></p>	<p><b>Risk Governance</b></p> <ul style="list-style-type: none"> <li>• Adapting to policies</li> <li>• Metrics</li> <li>• Lessons learned</li> </ul>
<p><b>Module 12</b></p>	<p><b>Simulation, Analysis and Diagnosis of Examination</b></p>