Certaining Project Management Practitioner

Exam Code- CPMP™

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Introduction

The Certaining Project Management Practitioner(CPMP) certification is for practitioners ready to handle projects with higher responsibility. It tests your ability to manage governance, compliance, and stakeholder expectations in real-world delivery.

This certification utilizes foundational skills and expands them into project leadership. It tests how well you balance scope, cost, and schedules while aligning with organizational strategy. CPMP also requires skills in Agile, hybrid delivery, and reporting methods that reflect today's dynamic environments.

CPMP justifies your ability to handle projects of medium to large size. Besides, you can guide your team members to achieve favourable outcomes.

Core Competencies

- Use organized approaches like PMI, PRINCE2, and Agile to work on real-life projects.
- Working and managing the time, cost, and communication aspects of each project.
- Handling the areas of risk, quality, and maintaining good relations with stakeholders.
- Getting a measurable outcome by delivery being overseen, checked, and changed.

Suitable Professionals for the CPMP Certification

- **Professionals** with CPMF or equivalent foundations.
- **Project coordinators** or managers running medium-sized projects.
- **Team leaders** moving into structured delivery roles.
- **Managers** seeking credibility in project governance and compliance.

Exam Information

Field	Details
Exam Code	CPMP
Delivery Mode	Online proctored/authorized test centre
Exam Format	Multiple-choice, multiple-response, and scenario-based questions
No. of Questions	160
Written Duration	210 minutes
Passing Score	70%
Language	English
Validity	LIfetime

EXAMINATION DOMAINS & WEIGHTAGE

S.No.	Domain	Weightage
1.	Advanced Project Planning & Scheduling	25%
2.	Cost Management & EVM	18%
3.	Rank & Issue Management	15%
4.	Quality & Performance Management	12%
5.	Stakeholder & Communication Management	12%
6.	Agile & Hybrid Methodologies	10%
7.	Procurement & Vendor Management	8%

1. Advanced Project Planning & Scheduling

This domain equips candidates with advanced techniques to plan, schedule, and manage complex projects efficiently. Learners explore resource optimization strategies to allocate personnel, equipment, and materials effectively across project activities. The course covers schedule compression methods such as fast-tracking and crashing to meet tight deadlines, as well as critical chain scheduling to address resource constraints and dependencies. Candidates also study multi-project scheduling, managing interrelated projects to optimize timelines and reduce conflicts. Schedule risk analysis is emphasized to identify potential delays and implement mitigation strategies. By mastering these techniques, practitioners gain the ability to develop realistic, efficient schedules, ensure optimal resource utilization, anticipate risks, and maintain project timelines in dynamic and resource-constrained environments.

1.1. Resource optimization

1.2. Schedule compression

1.3. Critical chain

1.4. Multi-project scheduling

1.5. Schedule risk analysis

2. Cost Management & EVM

This domain focuses on effectively managing project costs and performance using Earned Value Management (EVM) and related techniques. Candidates learn to apply EVM formulas—including EAC, ETC, VAC, and TCPI—to monitor project progress, forecast outcomes, and measure performance against the budget. The course covers cost forecasting, variance analysis, and cost-benefit analysis to support informed decision-making and maintain financial control. Learners also study funding and cash flow management to ensure resource availability throughout the project lifecycle. By mastering these concepts, practitioners gain the ability to track, analyze, and control costs accurately, optimize resource allocation, and make data-driven decisions that maintain project profitability, efficiency, and alignment with organizational financial objectives.

2.1. All EVM formulas (EAC, ETC, VAC, TCPI)

2.2. Forecasting

2.3. Variance analysis

2.4. Cost-benefit analysis

2.5. Funding/cash flow

3. Risk & Issue Management

This domain equips candidates with the skills to proactively identify, assess, and manage project risks and issues. Learners explore quantitative risk analysis techniques, including Expected Monetary Value (EMV), decision trees, and Monte Carlo simulations, to evaluate potential impacts and probabilities. The course covers risk response strategies—avoidance, mitigation, transfer, and acceptance—to address threats and opportunities effectively. Candidates also study contingency reserves and their allocation to manage uncertainties within project schedules and budgets. Emphasis is placed on continuous monitoring, early detection, and structured issue resolution. By mastering these concepts, practitioners can anticipate challenges, implement appropriate mitigation strategies, maintain project stability, and enhance the likelihood of successful project delivery in complex and dynamic environments.

3.1. Quantitative risk analysis (EMV, decision trees, Monte Carlo concepts)

3.2. Risk response strategies

3.3. Contingency reserves

4. Quality & Performance Management

This domain focuses on ensuring project deliverables meet defined standards and contribute to organizational objectives. Candidates learn the distinction between Quality Assurance (QA) and Quality Control (QC) and their respective roles in project management. The course covers statistical process control techniques to monitor and improve processes, as well as methods to measure and optimize the cost of quality. Learners explore key performance indicators (KPIs) to track project and team performance, enabling data-driven decision-making. Emphasis is placed on continuous improvement practices, fostering an environment of ongoing learning and efficiency. By mastering these concepts, practitioners can maintain high-quality standards, enhance project performance, and drive sustainable improvements across processes and deliverables.

4.1. QA vs QC

4.2. Statistical process control

4.3. Cost of quality

4.4. KPIs

4.5. Continuous improvement

5. Stakeholder & Communication Management

This domain equips candidates with advanced strategies to manage stakeholders and communication in complex project environments. Learners explore advanced stakeholder analysis techniques, including the Power/Interest Grid and the Salience Model, to identify, prioritize, and engage stakeholders effectively. The course covers conflict resolution strategies using frameworks such as the Thomas-Kilmann model, enabling constructive management of disagreements and competing interests. Emphasis is placed on executive communication, ensuring that project updates and strategic insights are conveyed clearly and persuasively to senior leadership. Candidates also study best practices for managing virtual and distributed teams, leveraging technology and communication protocols to maintain alignment, collaboration, and engagement across geographically dispersed project stakeholders. Mastery of these skills ensures stronger relationships, better decision-making, and successful project outcomes.

5.1. Advanced stakeholder analysis (Power/Interest Grid, Salience Model)

5.2. Conflict resolution (Thomas-Kilmann)

5.3. Executive communication

5.4. Virtual teams

6. Agile & Hybrid Methodologies

This domain focuses on applying Agile and hybrid approaches to enhance project flexibility, collaboration, and value delivery. Candidates explore framework comparisons, including Scrum, Kanban, Extreme Programming (XP), and Lean, understanding their principles, practices, and appropriate use cases. The course covers Agile metrics such as velocity, burndown charts, and cumulative flow diagrams to monitor team performance and progress. Learners also study scaling Agile concepts, including an introduction to SAFe (Scaled Agile Framework), to coordinate multiple teams and larger initiatives. Emphasis is placed on hybrid approaches, combining predictive (waterfall) and adaptive (Agile) methodologies to tailor project execution to organizational needs. Mastery of these concepts enables practitioners to implement flexible, efficient, and results-driven project management practices.

6.1. Framework comparison (Scrum, Kanban, XP, Lean)

6.2. Agile metrics (velocity, burndown)

6.3. Scaling agile (SAFe basics)

6.4. Hybrid approaches

7. Procurement & Vendor Management

This domain equips candidates with the knowledge and skills to manage procurement processes and vendor relationships effectively. Learners explore contract types, including Fixed Price (FP), Cost-Reimbursable (CR), and Time & Materials (T&M), along with associated risk allocation strategies. The course covers the vendor selection process, including evaluation criteria and due diligence, as well as the preparation and management of RFI, RFQ, and RFP documents to ensure competitive and transparent sourcing. Candidates also study contract administration, focusing on monitoring performance, managing changes, and ensuring compliance with contractual obligations. By mastering these concepts, practitioners can optimize vendor relationships, mitigate procurement risks, and ensure that goods and services are delivered on time, within budget, and to the required quality standards.

7.1. Contract types (FP, CR, T&M) and risk allocation

7.2. Vendor selection

7.3. RFI/RFQ/RFP

7.4. Contract administration