



Project Management Professional (PMP) Certification: PMBOK Guide Sixth Edition

Course No. PMPD 5 Days Instructor-Led, Hands-on

Introduction

If you are taking this course, you probably have some professional exposure to the duties of a project manager, or you may be considering embarking on a career in professional project management. Your ability as a project manager to demonstrate best practices in project management—both on the job and through professional certification—is becoming the standard to compete in today's fast-paced and highly technical workplace. In this course, you will apply the generally recognized practices of project management acknowledged by the Project Management Institute (PMI) to successfully manage projects.

Project managers who have proven skills and experience can find exciting, high-visibility opportunities in a wide range of fields. This course is specifically designed to provide you with the proven, practical body of project management knowledge and skills that you need to demonstrate project management mastery on the job. Additionally, this course can be a significant part of your preparation for the Project Management Professional (PMP) Certification Exam. The skills and knowledge you gain in this course will help you avoid making costly mistakes and increase your competitive edge in the project management profession.

At Course Completion

Upon successful completion of this course, students will be able to:

- Get started with project management fundamentals.
- Identify organizational influences and project life cycle.
- Work with project management processes.
- Initiate a project.
- Plan a project.
- Plan for project time management.
- Plan project budget, quality, and communications.
- Plan for risk, procurements, and stakeholder management.
- Execute a project.
- Manage project work, scope, schedules, and cost.
- Control a project.
- Close a project.

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Prerequisites

Familiarity with project management concepts and some working experience with project management are required. Experience with a specific project management software tool is not required. Basic computing skills and some experience using Microsoft Office is desirable but not required.

- Microsoft Word Level 1 is required.
- Project Management Fundamentals, Course PRFND, is recommended.

Course Content

Module 1: Getting Started with Project Management

- Components of Project Management
- Project Management and the Business

Module 2: Project Management and the Organization

- Identify Organizational Influences
- Project Stakeholders and Governance
- The Project Team
- The Project Life Cycle

Module 3: Working with Project Management Processes

- Project Management Processes and Knowledge Areas
- Identify Project Information

Module 4: Initiating a Project

- Develop a Project Charter
- Identify Project Stakeholders

Module 5: Planning a Project

- Develop a Project Management Plan
- Plan Scope Management
- Collect Project Requirements
- Define Project Scope
- Create a WBS

Module 6: Planning for Project Time Management

- Plan Schedule Management
- Define Project Activities
- Estimate Activity Resources
- Estimate Activity Durations
- Develop a Project Schedule

Module 7: Planning Project Budget, Quality, and Communications

- Plan Project Cost Management
- Estimate Project Costs
- Determine the Project Budget
- Plan Quality Management
- Plan Human resource Management

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- Plan Communications Management

Module 8: Planning for Risk, Procurements, and Stakeholder Management

- Plan Risk Management
- Identify Risks
- Perform Qualitative Risk Analysis
- Perform Quantitative Risk Analysis
- Plan for Risk Response
- Plan Project Procurements
- Plan Stakeholder Management

Module 9: Executing a Project

- Direct and Manage Project Work
- Perform Quality Assurance
- Acquire Project Team
- Develop Project Team
- Manage a Project Team
- Manage Communications
- Conduct Procurements
- Manage Stakeholder Engagement

Module 10: Managing Project Work, Scope, Schedules, and Cost

- Monitor and Control Project Work
- Perform Integrated Change Control
- Validate Project Scope
- Control Project Scope
- Control the Project Schedule
- Control Project Costs

Module 11: Controlling the Project

- Control Project Quality
- Control Communications
- Control Project Risks
- Control Project Procurements
- Control Stakeholder Engagement

Module 12: Closing a Project

- Close Project or Phase
- Close Procurements

Appendix A: PMP® Certification Mapping