



Project Management Professional (PMP) Training

Summary

Length: 40 hours Level: Advanced

This course is based on the 2021 PMP certification exam criteria. This course is designed for project managers at all levels of experience. Your ability as a project manager to demonstrate best practices in project management—both on the job and through professional certification—is essential to compete in today's fast-paced, highly technical, and dispersed workplace. The skills and knowledge you gain in this course will help you avoid making costly mistakes and increase your competitive edge. In this course, you will apply the generally recognized practices of project management acknowledged by the Project Management Institute (PMI) to successfully manage projects. Additionally, this course can be a significant part of your preparation for the PMP certification exam. For those planning

Learning Objectives

In this course, you will be able to apply the generally recognized practices of project management acknowledged by the Project Management Institute (PMI) to successfully manage projects.

You will:

- Define project management fundamentals.
- Define project management within the organization.
- Define the project management methodology.
- Initiate a project.
- Develop a project management plan and plan components.
- Plan a project schedule.
- Plan project costs.
- Plan for quality, resources, and procurement.
- Plan for risk.
- Plan stakeholder engagement and communications.
- Execute a project.
- Work with stakeholders.
- Monitor project work, scope, risks, stakeholder engagement, and communications.
- Control project changes, scope, schedule, costs, quality, resources, and procurement.
- Close a project.

Course Outline

1. Defining Project Management Basics

- Identify the Concepts of Project Management
- Identify the Relationship Between Project Management and the Business
- Identify Project Stakeholders and Governance
- Define Interpersonal and Team Skills

2. Defining Project Management within the Organization

- Identify Organizational Influences
- Identify the Project Team
- Define the Project Life Cycle
- Define Agile Methodology

3. Defining the PMI Project Management Methodology

- Define the Project Management Processes
- Define the Knowledge Areas
- Identify Project Information

4. **Initiating a Project**
 - Initiating Process Group Map
 - Develop a Project Charter
 - Identify Project Stakeholders

5. **Planning a Project**
 - Planning Process Group Map
 - Develop a Project Management Plan
 - Plan Scope Management
 - Collect Project Requirements
 - Define Project Scope
 - Create a Work Breakdown Structure

6. **Planning a Project Schedule**
 - Planning Process Group Map
 - Plan Schedule Management
 - Define Project Activities
 - Sequence Project Activities
 - Estimate Activity Durations
 - Develop a Project Schedule

7. **Planning Project Costs**
 - Planning Process Group Map
 - Plan Project Cost Management
 - Estimate Project Costs
 - Determine the Project Budget

8. **Planning Project Quality, Resources, and Procurements**
 - Planning Process Group Map
 - Plan Quality Management
 - Plan Resource Management
 - Estimate Activity Resources
 - Plan Project Procurements

9. **Planning for Risk**
 - Planning Process Group Map
 - Plan Risk Management
 - Identify Risks
 - Perform Qualitative Risk Analysis
 - Perform Quantitative Risk Analysis
 - Plan Risk Responses

10. **Planning Stakeholder Engagement and Communications**
 - Planning Process Group Map
 - Plan Stakeholder Engagement
 - Plan Communications Management

11. **Executing a Project**
 - Executing Process Group Map
 - Direct and Manage Project Work
 - Manage Project Knowledge
 - Manage Quality

- Implement Risk Responses
- Conduct Procurements

12. Working with Stakeholders

- Executing Process Group Map
- Acquire Resources
- Develop a Team
- Manage a Team
- Manage Stakeholder Engagement
- Manage Communications

13. Monitoring a Project

- Monitoring Process Group Map
- Monitor and Control Project Work
- Validate Project Scope
- Monitor Risks
- Monitor Stakeholder Engagement
- Monitor Communications

14. Controlling a Project

- Controlling Process Group Map
- Perform Integrated Change Control
- Control Project Scope
- Control the Project Schedule
- Control Project Costs
- Control Project Quality
- Control Resources
- Control Project Procurements

15. Closing a Project

- Closing Process Group Map
- Close Project or Phase

Audience

This course is designed for individuals who have on-the-job project management experience (regardless of whether their formal job role is project manager), who are not certified project management professionals, and who might or might not have received formal project management training. The course is appropriate for these persons if they wish to develop professionally, increase their project management skills, apply a formalized and standards-based approach to project management, and seek career advancement by moving into a formal project manager job role, as well as to apply for Project Management Institute, Inc. (PMI) Project Management Professional (PMP) certification.

Prerequisites

Familiarity with basic project management concepts and some working experience with project management is preferred. 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.