
Project Management Professional (PMP)® Training

Overview

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 to sit the exam, this course comes with an exam simulator that contains over 500 online sample questions, 70 project management templates and over 300 flashcards based on PMI definitions.

Prerequisite Comments

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.

Target 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

Course 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
