

The Project Management Professional (PMP) Certification Exam

Course Overview

Duration: 4 Days

The Project Management Professional (PMP)® certification is one of the top-paying certifications in the United States, and project managers who complete this certification earn 20% more than those without.

In this training course, you'll gain the essential preparation needed to pass the PMP and CAPM® exams. Concentrating on exam content from A Guide to the Project Management Body of Knowledge, (PMBOK® Guide) - Sixth Edition and other sources, this course includes a wide variety of learning tools, practice questions, study aids, and post-learning resources all using Project Management Institute (PMI) terminology.

The classroom and virtual versions of this interactive course include:

- A Guide to the Project Management Body of Knowledge, (PMBOK® Guide) - Sixth Edition
- Over 600 practice questions
- PMP Exam prep study guides with supplemental MP3 audio downloads
- Exercises throughout to reinforce PMP and CAPM exam concepts
- Handy reference charts
- Exercises to increase memory recall
- Electronic flashcards accessible

PMI-ACP, CAPM PMI Talent Triangle and PMP are registered marks of the Project Management Institute, Inc.

Who should attend

If you are in IT where PMs skills are becoming a necessity or if you are interested in or planning to get your PMP certification, you must take this PMP Boot Camp course. The PMP® certification is a great tool for:

- Project Managers
- IT Managers/Directors
- Outsourcing Professionals
- QA Managers/Directors
- Application Development Managers/Directors
- Business Analysts
- Systems Analysts
- Systems Architect

Course Objectives

- Prepare to take the PMP or CAPM® exams
- Become familiar with PMBOK® Guide terms, definitions, and processes

- Master test-taking techniques
- Learn styles and types of questions found on the PMP or CAPM exams
- PMBOK® Guide's five process groups, ten knowledge areas, and the area of professional and social responsibility

Course Outline

PART I — THE PROJECT MANAGEMENT LIFE CYCLE

1. Introduction

An introduction to the format and scope of this project management training course

- PMP Certification Boot Camp Process
- #### 2. PMP Certification: the Credentials

An overview of the PMI requirements for the PMP certification

- The Project Management Institute
- The PMP Certification
- Applying for the Examination
- The PMP Examination
- The Professional Code of Conduct
- Test Subject Areas

3. Project Management Overview

An introduction to Project Management, what it is, and what it isn't

- What is a "Project"?
- Project Portfolio Management
- Programs versus Projects
- Project Management Office
- Project Phases
- Project Life Cycles
- The Process Groups
- Knowledge Areas
- Stakeholders and Stakeholder Management
- Project Sponsor, Project Manager, Project Definitions

4. The Project Environment

An overview of the various organizational structures in which a project might operate

- Organizational Types
- Functional Organizations
- Matrix Organizations

- Projectized Organizations
- ## 5. The Project Management Life Cycle

The five process groups that make up the Project Management Life Cycle

- Initiating Process Group
- Planning Process Group
- Executing Process Group
- Monitoring & Controlling Process Group
- Closing Process Group

PART II — THE PMI® KNOWLEDGE AREAS

1. The Knowledge Areas

The nine knowledge areas that operate within the five process groups

- Project Integration Management
- Project Scope Management
- Project Time Management
- Project Cost Management
- Project Quality Management
- Project Human Resource Management
- Project Communications Management
- Project Risk Management
- Project Procurement Management

2. The Elements of Project Management

A detailed look at each of the Process groups by means of the Knowledge Areas

- Initiating Process Group Inputs and Outputs
- The Project Charter
- The Preliminary Project Scope Statement
- Planning Process Group Inputs and Outputs
- Project Management Plan
- Executing Process Group
- Deliverables, Changes, Corrective Actions
- Monitoring and Controlling Process Group Inputs and Outputs
- Integration Management
- Integrated Management
- Scope Management
- Earned Value, Planned Value, Actual Value
- Cost Performance Index, Schedule Performance Index
- Closing Process Group Inputs and Outputs

3. Exam Memorization Guide

Useful memorization charts to aid in test taking

- Plan-Do-Check-Act-Cycle
- The Nine Knowledge Areas
- Project Integration Management Activities
- Project Scope Management Activities
- Triple Constraints Model
- Time Management Activities
- Cost Management Activities
- Earned Value Analysis
- Quality Management Activities
- Pareto Diagram
- Sigma Values
- The Control Chart
- Ishikawa Diagram
- Quality versus Grade
- Human Resource Management Activities
- Communications Management Activities
- Risk Management Activities
- Risk Responses
- Procurement Management Activities