



Project Management Professional PMP® Preparation

Duration: 5 Days

Language: English

Course Delivery: Classroom

Course Overview

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. This course expands upon the basic concepts of project management you discovered in the Project Management Fundamentals course and covers in-depth the essential elements of managing a successful project. Focusing on the generally accepted practices of project management recognized by the Project Management Institute, Inc. PMI®, this course offers you a standards-based approach to successful project management across application areas and industries.

Course Objectives

You will apply the generally accepted project management best practices recognized by the PMI to successfully manage projects.

Target Audience

This course is designed for experienced project managers who desire to increase their project management skills and apply a standards-based approach to project management.

Delivery Method

Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Performance-Based Objectives

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

- . Initiate a project.
- . Define project scope.
- . Develop schedule and cost performance baselines for a project.
- . Plan project quality, staffing, and communications.
- . Analyze project risks.
- . Define project procurement requirements.
- . Execute the project.
- . Control the project.
- . Close the project.

Course Outline

1. Introduction

- What is a Project?
- What is a Project Management?
- Relationships Among Portfolio Management, Program Management

- Relationship between Project Management, Operations Management and Organizational Strategy
- Business Value
- Role of the Project Manager
- Project Management Body of Knowledge

2. Organizational Influences And Project Life Cycle

- Organizational Influences on Project Management
- Project Stakeholders and Governance
- Project Team
- Project Life Cycle

3. Project Management Processes

- Common project management process Interactions
- Project management process groups
- Initiating Process Group
- Planning Process Group
- Executing Process Group
- Monitoring and Controlling Process Group
- Closing Process Group
- Project Information
- Role of the Knowledge Areas

4. Project Integration Management

- Develop Project Charter
- Develop Project Management Plan
- Direct and Manage Project Work
- Monitor and Control Project Work
- Perform Integrated Change Control
- Close Project or Phase

5. Project Scope Management

- Plan Scope Management
- Collect Requirements
- Define Scope
- Create WBS
- Validate Scope
- Control Scope

6. Project Time Management

- Plan Schedule Management
- Define Activities
- Sequence Activities
- Estimate Activity Resources
- Estimate Activity Durations



- Develop Schedule
- Control Schedule

7. Project Cost Management

- Plan Cost Management
- Estimate Costs
- Determine Budget
- Control Costs

8. Project Quality Management

- Plan Quality Management
- Perform Quality Assurance
- Control Quality

9. Project Human Resource Management

- Plan Human Resource Management
- Acquire Project Team
- Develop Project Team
- Manage Project Team

10. Project Communications Management

- Plan Communications Management
- Manage Communications
- Control Communications

11. Project Risk Management

- Plan Risk Management
- Identify Risks
- Perform Qualitative Risk Analysis
- Perform Quantitative Risk Analysis
- Plan Risk Responses
- Control Risks

12. Project Procurement Management

- Plan Procurement Management
- Conduct Procurement
- Control Procurements
- Close Procurements

13. Project Stakeholder Management

- Identify Stakeholders
- Plan Stakeholder Management
- Manage Stakeholder Engagement
- Control Stakeholder Engagement