

Project Management Professional (PMP) Training

- **Course Number:** PMP
- **Length:** 1 Day(s)

Certification Exam

This course will help you prepare for the following exam:

- **PMP**

Course Overview

This course builds a solid foundation for project management knowledge that can be readily applied in the workplace. It begins with the PMBOK process framework and proceeds through the 8 areas of Communications Management, Cost Management, Human Resources Management, Integration Management, Procurement Management, Quality Management, Risk Management, and Time Management. The course closes with strategies for taking the PMP exam.

Prerequisites

Project Management experience is required of participants in this course.

Audience

This course is for Project Managers seeking the PMP credential.

Course Outline

- Course Introduction
- Course Introduction
- Fundamentals
- Fundamentals
- Key Terms
- Context
- Life Cycle
- Project Management Roles
- Successful Project Managers - Skill Set
- PMI - Triple Constraint
- Inputs, Outputs, Tools & Techniques
- Chapter 1 Review
- PMBOK Process Framework
- PMBOK Process Framework
- Process Defined
- Process Elements
- Process Group: Initiating
- Process Group: Planning
- Process Group: Executing
- Process Group: Monitoring & Controlling
- Process Group: Closing
- Knowledge Areas

- Chapter 2 Review
- Communications Management
- Communications Management
- Communications Planning
- Information Distribution
- Managing Stakeholders
- Performance Reporting
- Project Managers Communications Role
- Chapter 3 Review
- Cost Management
- Cost Management
- Types of Cost
- Life Cycle Costing
- Cost Estimating
- Cost Budgeting
- Cost Control
- Earned Value: 12 Key Formulae
- Budgeted at Completion (BAC)
- Planned Value (PV)
- Earned Value (EV)
- Actual Cost (AC)
- Cost Variance (CV)
- Schedule Variance (SV)
- Cost Performance Index (CPI)
- Cumulative Cost Perform Index (CPIC)
- Schedule Performance Index (SPI)
- Estimate at Completion (EAC)
- Estimate to Completion (ETC)
- Variance at Completion (VAC)
- Chapter 4 Review
- Human Resource Management
- Human Resource Management
- Approach
- Human Resource Planning
- Acquire Project Team
- Develop Project Team
- Manage Project Team
- Chapter 5 Review
- Integration Management
- Integration Management
- Develop Project Charter
- Dev Preliminary Proj Scope Statement
- Develop Project Management Plan
- Direct and Manage Project Execution
- Monitor and Control Project Work
- Integrated Change Control
- Close Project
- Chapter 6 Review
- Procurement Management
- Procurement Management
- Plan Purchases and Acquisitions
- Plan Contracting

- Request Seller Responses
- Select Sellers
- Contract Administration
- Contract Closure
- Chapter 7 Review
- Quality Management
- Quality Management
- Quality Terminology
- Theories of Quality
- Quality Planning
- Perform Quality Assurance
- Perform Quality Control
- Chapter 8 Review
- Risk Management
- Risk Management
- Risk Management Planning
- Risk Identification
- Qualitative Risk Analysis
- Quantitative Analysis
- Risk Response Planning
- Risk Monitoring and Control
- Chapter 9 Review
- Scope Management
- Scope Management
- Scope Planning
- Scope Definition
- Create Work Breakdown Structure
- Scope Verification
- Scope Control
- Chapter 10 Review
- Time Management
- Time Management
- Activity Definition
- Activity Sequencing
- Activity Resource Estimating
- Activity Duration Estimating
- Schedule Development
- Schedule Control
- Chapter 11 Review
- PMI Professional Responsibility
- PMI Professional Responsibility
- Balance Stakeholder Interests
- Contribute to Knowledge Base
- Enhance Individual Competence
- Ensure Integrity and Professionalism
- Interact with Team and Stakeholders
- Chapter 12 Review
- Strategies for Taking the Exam
- Strategies for Taking the Exam
- Reading the Questions
- Guessing
- Avoiding Potholes

- Avoiding Quicksand
- Time Management
- Reviewing Your Responses
- Chapter 13 Review
- Course Closure
- Course Closure