



11301 US Highway 301 (Suite 104)
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Project Management Professional (PMP)

Project Management for Professionals

Duration:

Instructor-led Classroom Learning - 5.00 Day(s)

Overview:

In this course, students will apply the generally accepted project management best practices recognized by the PMI® to successfully manage projects.

Who Should Attend:

This course is designed for experienced project managers who desire to increase their project management skills, apply a standards-based approach to project management and apply for Project Management Institute, Inc. (PMI®) Project Management Professional (PMP®) Certification.

At Course Completion:

Upon successful completion of this course, students will be able to: - initiate a project. - plan project work. - develop project schedules, cost estimates, and budgets. - plan project quality, staffing, and communications. - analyze project risks. - plan project procurement. - execute project work. - monitor and control project work. - monitor and control project schedule and costs. - monitor and control project quality, staffing, and communications. - monitor and control project risks and contracts. - close the project.

Prerequisite(s) or equivalent knowledge:

PM202 Project Management Fundamentals

Outline:

Lesson 1: Initiating a Project

- Apply Project Management Processes
- Create a Project Charter
- Develop a Preliminary Project Scope Statement

Lesson 2: Planning Project Work

- Develop a Project Management Plan
- Create a Scope Management Plan
- Create a Scope Statement
- Develop a Work Breakdown Structure (WBS)

Lesson 3: Developing Project Schedules, Cost Estimates, and Budgets

- Create an Activity List
- Create a Project Network Diagram
- Estimate Activity Resources
- Estimate Activity Durations
- Identify the Critical Path
- Develop a Project Schedule
- Estimate Project Costs
- Establish a Cost Baseline

Lesson 4: Planning Project Quality, Staffing, and Communications



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Create a Quality Management Plan
Document Roles, Responsibilities, and Reporting Relationships
Acquire Project Team
Create a Communications Management Plan

Lesson 5: Analyzing Risks and Planning Risk Response

Create a Risk Management Plan
Identify Project Risks and Triggers
Perform Qualitative Risk Analysis
Perform Quantitative Risk Analysis
Develop a Risk Response Plan

Lesson 6: Planning Project Procurement

Prepare a Contract Statement of Work
Prepare a Procurement Document

Lesson 7: Executing Project Work

Direct and Manage Project Execution
Perform Quality Assurance
Develop Project Team
Information Distribution
Request Seller Responses
Select Sellers

Lesson 8: Monitoring and Controlling Project Work

Monitor and Control Project Work
Manage Changes to Performance Baselines
Review Deliverables and Work Results
Control Project Scope

Lesson 9: Monitoring and Controlling Project Schedules and Costs

Control the Project Schedule
Control Project Costs

Lesson 10: Monitoring and Controlling Project Quality, Staffing, and Communications

Perform Quality Control
Manage Project Team
Report Project Performance
Manage Stakeholders

Lesson 11: Monitoring and Controlling Project Risk and Contracts

Monitor and Control Project Risk
Administer a Contract

Lesson 12: Closing the Project

Close a Project /Close a Contract



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