

Project Management Essentials

Overview

If you are taking this course, you probably have some exposure to managing projects, or you may be considering embarking on a career as a professional project manager. Your ability as a project manager to demonstrate best practices in project management on the job is becoming the standard to compete in today's fast-paced and highly technical workplace. In this course, you will apply the generally recognized practices of project management to successfully manage projects. Project managers are always under severe pressure to complete projects on time and within budget. However, most projects fail to meet these demands, and, as a result, many projects are terminated early. Successful project management requires knowledge and experience. This course is designed to provide you with the skills needed to be a successful project manager in today's rapidly changing world. The skills and knowledge you gain in this course will help you avoid making costly mistakes and increase your competitive edge in the project management profession.

Prerequisite Comments

To ensure your success in this course, you should be familiar with basic project management concepts and have some working experience with project management. 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 any individual who might need to perform project management activities in their job role on either a formal or informal basis, or any individual who wants to build upon their current project management knowledge to be more productively involved on a project team.

This course is not specifically designed for students who are seeking project management-related certification. Rather, it is designed to introduce a structure to help students more effectively manage projects as well as participate fully on a project team.

Course Objectives

In this course, you will apply recognized practices of project management to manage a project from start to finish.

You will:

- Identify the basic concepts of project management.
- Launch a project.
- Estimate project work.
- Create a project schedule.
- Plan project costs.
- Plan for project risks.
- Plan for project quality and compliance.
- Manage human and physical resources for the project.
- Manage project procurements.
- Plan for change management and monitor the project scope.
- Monitor and optimize project schedule and cost.
- Monitor the quality of the project work and the risks involved.
- Plan communication strategies and manage stakeholder relationships.

- Close a project.

Course Outline

1 - Getting Started with Project Management

Define Project Management Basics
Identify Influencing Factors
Define Project Management Certifications

2 - Launching Projects

How Organizations Choose the Right Project
Identify Project Stakeholders and Their Expectations
Authorize a Project
Identify the Project Scope

3 - Estimating Project Work

Develop a WBS
Identify the Relationships Between Work Packages
Identify Resources
Estimate Time

4 - Creating a Project Schedule

Develop a Project Schedule
Create a Schedule Baseline

5 - Planning Project Costs

Establish Project Costs
Establish the Cost Baseline
Reconcile Funding and Costs

6 - Planning for Risk

Create a Risk Management Plan
Identify Risks and Their Causes
Analyze Risks
Develop a Risk Response Plan

7 - Planning for Quality and Compliance

Deliver the Desired Project Results
Verify Compliance Requirements

8 - Managing the Project Team

- Plan Your Project Team
- Assemble the Team
- Develop the Team
- Manage the Team

9 - Managing Project Procurements

- Plan for Project Procurements
- Obtain Responses from Vendors
- Select the Right Vendor
- Manage Vendors and Procurements

10 - Managing Change During Project Execution

- Prepare for Project Execution
- Manage Project Changes
- Monitor the Project Scope

11 - Monitoring and Controlling Project Schedule and Cost

- Monitor and Control the Project Schedule
- Optimize the Project Schedule
- Monitor and Control Project Cost

12 - Monitoring and Controlling Risk and Quality

- Monitor and Control Risks
- Put Quality Plans into Action
- Control Project Quality

13 - Communicating and Reporting

- Communicate During a Project
- Distribute Project Information
- Manage Stakeholder Relationships and Expectations
- Report on Project Performance

14 - Closing the Project

- Deliver the Final Product
- Close Project Procurements
- Close the Project

Related Courses, Certifications, Exams

- Excel 2016 - Part 1
 - Word 2016 - Part 1
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