Schedule and Cost Control

Duration: 4 Days   Course Code: 2809

Overview:

Learn the skills you need to effectively establish and manage a realistic schedule and detailed budget. Through hands-on exercises, you'll learn to develop a work breakdown schedule, grasp diagramming techniques, identify task relationships, determine the critical path, employ estimating techniques, and analyze resource utilization.Once the project schedule is complete, you'll create a budget that includes all direct and indirect costs associated with the project. Learn the importance of baselining project schedules and budgets to make reporting and tracking progress easier. Understand how to use earned value analysis and other reporting techniques to ensure that your project progress is clearly identified and communicated to stakeholders. Create schedule and cost management plans, and control changes through an integrated change management process. You'll learn to use a variety of tools that will ensure that your project is delivered on time and within budget. Students pursuing college credit recommendation or continuing education units must attend at least 90% of class time, participate in class exercises and section-knowledge checks, and score at least 70% on an end of class, multiple-choice assessment.
28 PMI PDUs

Target Audience:

Associate project managers, project managers, IT project managers, project coordinators, project analysts, project leaders, senior project managers, team leaders, product managers, and program managers.

Objectives:

- What You'll Learn
- Develop a work breakdown structure
- Create a network diagram
- Identify the critical path
- Estimating techniques

- Finalize your project schedule
- Types of cost and expenditures
- Develop a budget
- Report progress through earned value analysis

Prerequisites:

- Project Management (PM01)
- IT Project Management (PM11)
- Applied Project Management (PM08)

Content:

1. Project Mini Charter

2. Successful Project Schedules

- Schedule Fundamentals
- Activity Definition
- Work breakdown structure
- Decomposition
- Work packages
- Activities
- Activity Sequencing
- Preparing precedence diagrams
- Creating network diagrams
- Duration Estimating
- Expert judgment
- Bottom up and top down estimates
- Tools for Creating Realistic Effort Estimates and Schedules
- Critical path method
- GERT
- PERT
- Assigning Resources
- Leveling Resources
- Establishing a Schedule Baseline
- Compressing the Schedule
- Measuring Success Against the Schedule
- Earned value analysis
- Status reporting
- Controlling Schedule Change
- Planning schedule management
- Change control
- Closing out the Schedule

3. Successful Project Budgets

- Budget Fundamentals
- Types of Cost
- Resource
- Direct expenses
- Indirect expenses
- Create a Budget
- Measuring Success Against the Budget
- Establishing a cost baseline
- Earned value analysis
- Estimate at completion
- Estimate to completion
- Status reporting
- Controlling Costs
- Planning cost control
- Change control
- Closing out the Budget

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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