Schedule and Cost Control

Length: 1 Day

Manage your project's schedule and budget using an integrated approach to planning and performance analysis.

In this course, you will 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 an integrated budget and schedule while monitoring project performance during execution. You will be introduced to analytical techniques, including creation of a work breakdown structure, network diagramming, dependency analysis, critical path determination, three-point estimating, and assessment of resource needs and availability.

You will learn the management tools that help to ensure projects are delivered on time and within budget, as well as the importance of creating baselines for the project schedules and budgets. To communicate your project's progress to stakeholders, you'll learn to use earned value analysis and other reporting techniques. ..

What You'll Learn

- How to develop a balanced plan
- Network diagramming methodologies
- Approaches to identifying a project's critical path
- Time and cost estimating techniques
- Scheduling techniques
- How to include various types of cost and expenditures into budgets
- Practical approaches to budget development
- Efficient ways to gauge and report progress using earned value analysis

Who Needs to Attend: Associate project managers, project managers, IT project managers, project coordinators, project analysts, project leaders, senior project managers, team leaders, product managers, and program managers

COURSE CONTENT

FOUNDATIONS

Project Management Life Cycle

Plan-Do-Check-Act Cycle

Stakeholder Management

Principles of Integrated Project Planning

Project constraints

Scope

Time

Cost

Risk

Defining Project Success

PLANNING

Scope Planning

Estimating Techniques

Time Analysis

Schedule Development

Cost Analysis

Control Account Plans

Integrated Risk Management

Balancing the Plan by Balancing the Constraints

EXECUTING, MONITORING, AND CONTROLLING

Executing the Project Work

Monitoring Progress

Earned Value Management

Controlling Performance

Communicating with Stakeholders

Managing Risk During Execution

Scope Verification and Customer Satisfaction

CLOSING

Administrative Closure

Transitioning Deliverables to their New Owners

Updates to Organizational Process Assets

Capturing Lessons Learned

Preparing the Closing Report