

Primavera P6 Professional Project Management

Rel 19 Ed 1

Duration: 40 Hours (5 Days)

Overview

The Primavera P6 Professional Project Management Rel 19 Ed 1 course is a comprehensive training program designed to educate learners on the robust functionalities of the Primavera P6 software. This course equips project managers and schedulers with the necessary skills to manage projects efficiently using Primavera P6. From creating a Work breakdown structure and Defining roles and resources to Optimizing project plans and Executing projects, this course covers a wide range of topics essential for effective project management. Learners will gain hands-on experience through practical lessons on Scheduling, Resource allocation, Progress tracking, and Earned value analysis. By completing this Primavera project management course, participants will enhance their ability to deliver projects on time and within budget, making them valuable assets in any project-driven industry. The Primavera P6 training is tailored to meet the needs of both beginners and experienced professionals looking to sharpen their project management skills.

Audience Profile

Primavera P6 Professional Project Management Rel 19 Ed 1 is designed for professionals overseeing the full project lifecycle, from planning to execution.

- Project Managers
- Project Planners
- Project Schedulers
- Project Controllers
- Construction Managers
- Project Engineers
- Program Managers
- Operations Managers
- IT Project Managers
- Civil Engineers
- Planning Engineers
- Anyone involved in project-based work or capital projects
- Professionals seeking to learn project management software
- Individuals aiming for career advancement in project management

Course Syllabus

Module 1: Understanding P6 Data

- Describing Enterprise and Project-Specific data
- Logging In
- Opening an Existing Project
- Opening and Customizing Layouts

Module 2: Enterprise Project Structure

- Describing Components of EPS

Module 3: Creating a Project

- Create a project
- Navigating in the Projects Window
- Viewing Project Details

Module 4: Creating a Work Breakdown Structure

- Defining a Work Breakdown Structure
- Creating the WBS Hierarchy

Module 5: Adding Activities

- Describing an Activity and its Components
- Describing Activity Types
- Adding Activities
- Adding a Notebook Topic
- Adding Steps to an Activity
- Assigning Activity Codes

Module 6: Creating Relationships

- Viewing a Network Logic Diagram
- Relationship Types
- Creating Relationships

Module 7: Scheduling

- Performing a Forward and Backward Pass
- Describing Float

Module 8: Assigning Constraints

- Applying an Overall Deadline to a Project
- Apply a Constraint to an Activity

Module 9: Using Reflection Projects

- Creating a Reflection Project
- Merging Changes

Module 10: Formatting Schedule Data

- Filtering
- Grouping Activities
- Sorting

Module 11: Roles and Resources

- Describing Roles and Resources
- Viewing Dictionaries

Module 12: Assigning Roles

- Assigning Roles to an Activity
- Assign Rates on Roles

Module 13: Assigning Resources

- Assigning Resources
- Adjusting Budgeted Units/Time

Module 14: Analyzing Resources

- Displaying the Resource Usage Profile

Module 15: Optimizing the Project Plan

- Analyzing Schedule Dates
- Shortening a Project Schedule
- Analyzing Resource Availability

Module 16: Baselining the Project Plan

- Creating a Baseline Plan
- Display Baseline Bars on the Gantt Chart

Module 17: Project Execution and Control

- Describing Methods for Updating the Schedule
- Using Progress Spotlight
- Statusing Activities
- Rescheduling the Project

Module 18: Reporting Performance

- Describing Reporting Methods
- Running a Schedule Report
- Creating a report with the Report Wizard

Module 19: Using Earned Value Analysis

- Calculating Planned Value Cost
- Calculating Actual Cost
- Calculating Earned Value Cost
- Measuring Performance Percent Complete

Module 20: Managing Multiple Projects

- Opening Multiple Projects
- Setting the Default Project

Module 21: Analyzing Resources and Roles

- Using the Resource Usage Profile
- Using the Resource Usage Spreadsheet

Module 22: Manually Allocating Resources

- Viewing the Assignments Window

- Viewing and Editing Allocation

Module 23: Using Bucket Planning

- Editing Future Buckets
- Using Curves

Module 24: Leveling Resources

- Setting Leveling Options
- Leveling Based on Priority

Module 25: Advanced Scheduling

- Multiple Float Paths
- Calendar Effect on Lag
- Scheduling Out-of-Sequence Activities

Module 26: Using Global Change

- Creating a User Defined Field
- Running a Global Change