

Advanced Project Management in Primavera P6 – 106P

What you will learn:

Advanced Project Management in P6 provides in-depth project management training in the Primavera 6 client-server-based solution, building off skills learned in the basic course Project Management in P6 Client-Server (102). Topics include earned value analysis, updating baselines, importing and exporting project data, and top-down budgeting.

Learn to:

- Calculate multiple float paths when scheduling
- Create a comparison report in Claim Digger
- Specify the activities to update in the baseline
- Establish user-defined fields
- Create a project using Project Architect

Audience:

- End Users
- Functional Implementer
- Business Analysts
- Project Manager

Prerequisites:

Suggested Prerequisites:

- Project Management in Primavera P6 Rel 6

Course Objectives:

- Create a project using Project Architect
- Assign project code and activity code values to activities
- Define global change parameters
- Create a portfolio
- Calculate multiple float paths when scheduling
- Create a threshold and an issue
- Import and export projects

- Transfer Data Between Primavera and Microsoft Excel
- Update activity and resource assignment data
- Specify how Claim Digger compares project plans

Course Topics:

Creating a Project with Project Architect

- Create a project using Project Architect
- Customize the project plan

Assigning Codes

- Assign project code values to activities
- Assign resource code values to resources
- Assign activity code values to activities

User-Defined Fields and Global Change

- Establish user-defined fields
- Define global change parameters
- Run a global change

Portfolios

- Create a portfolio
- Add projects to a portfolio
- Open projects using portfolios

Advanced Scheduling

- Calculate multiple float paths when scheduling
- Explain the difference between the scheduling logic options
- Identify a calendar's effect on lag

Monitor Thresholds and Issues

- Identify the difference between thresholds and issues
- Create a threshold and an issue

Importing and Exporting Data

- Describe the process of importing and exporting
- Export projects
- Import projects

Transferring Data Between Primavera and Microsoft

- Export activity data to a spreadsheet application
- Modify project information in the spreadsheet application
- Import project information from the spreadsheet application

Updating Baselines

- Specify the activities to update in the baseline
- Update activity and resource assignment data

Claim Digger

- Specify how Claim Digger compares project plans
- Create a comparison report in Claim Digger

Duration Types

- Determine which Duration Type works best in a given situation
- Assign a Duration Type to an activity

Calculating Percent Complete

- Describe the three Percent Complete types
- Determine which Percent Complete type to use based on how your organization reports progress
- Explain how activity percentages are calculated based on Percent Complete type chosen
- Use weighted steps to calculate Percent Complete

Earned Value Analysis

- Define Earned Value
- Define Performance Percent Complete
- Review results of different earned value techniques
- Realize the benefits of using earned value techniques

Activity Usage Profile and Spreadsheet

- Display cost data in the Activity Usage Profile
- Display curves in the Activity Usage Profile
- Analyze earned value data using curves in the Activity Usage Profile

Top-Down Budgeting

- Establish project budgets
- Establish spending plans
- Track budget changes
- Track and analyze budgets
- Establish funding sources

Top-Down Estimating

- Describe top-down estimating
- Add estimation weights to activities and WBS elements
- Perform top-down estimating

Risk Documentation

- Set up risk types
- Create a risk
- Calculate a risk's exposure values
- Analyze the impact of a risk

Tracking Layouts

- Identify the four types of tracking layouts
- Navigate in a tracking layout
- Open a tracking layout
- Modify layouts
- Create new layouts

Auto Compute Actuals

- Describe the business rules for auto compute actuals
- Auto compute an activity
- Analyze the effect of auto compute actuals on an activity
- Auto compute a resource
- Auto compute an expense