

## ADVANCED PROJECT MANAGEMENT IN PRIMAVERA P6 REL 7

**Duration: 02 days**

### INTRODUCTION

This course provides in-depth project management training in P6. Topics include updating baselines, importing and exporting project data, and top-down budgeting.

Detailed instruction on earned value analysis includes lessons on duration types and how to calculate percent complete. Student also will learn to leverage best practices to create a project using methodologies.

Learn to:

- Global change
- Managing issues and risks
- Advanced scheduling techniques
- Earned value analysis
- Top-down budgeting
- Assign codes

### AUDIENCE

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

\* *Suggested prerequisites:* project management in Primavera P6.

\* *Required prerequisites:* basic project management knowledge.

## COURSE TOPICS

### 1. Creating a Project with Project Architect

- Project Architect
- Create a New Project with Project Architect
- Tailoring the Project

### 2. Assigning Codes

- Codes in P6 Project Management
- Assigning Project Code Values
- Assigning Resource Codes
- Assigning Global-Level Activity Code Values
- Creating a Project-Level Activity Code
- Assigning EPS-Level Activity Code Values

### 3. User-Defined Fields and Global Change

- User-Defined Fields
- Global Change
- Creating a New Global Change
- Using If/Then/Else Logic

### 4. Portfolio

- Portfolios
- Using Portfolios to Open Projects

### 5. Advanced Scheduling

- Multiple Float Paths
- Scheduling Progressed Activities
- Calendar Effect on Lag

### 6. Monitoring Thresholds and Issues

- Thresholds and Issues
- Managing Thresholds and Issues

- Creating a Threshold
- Addressing Issues
- Adjusting the Project
- Closing Issues

## **7. Importing and Exporting Data**

- Importing and Exporting Data
- Import Wizard

## **8. Transferring Data Between Primavera and MS Excel**

- The Export Wizard
- Modifying Project Data in Excel
- Updating Data in Excel
- Importing from Excel into Primavera
- Adding New Schedule Data via Excel

## **9. Updating Baselines**

- Updating a Project
- Updating Baselines
- Update Baseline Options

## **10. Claim Digger**

- Claim Digger Overview
- Configuring Projects, Output Options

## **11. Duration Types**

- Duration Types Overview
- Assigning a Duration Type
- Modifying Activity with Fixed Units/Time Duration Type

## **12. Calculating Percent Complete**

- Percent Complete Types
- Assigning a Percent Complete Type
- Updating Activities Based on Physical Percent Complete
- Updating Activities Based on Duration Percent Complete
- Updating Activities Based on Units Percent Complete

- Weighted Steps

### **13. Earned Value Analysis**

- Earned Value Analysis
- Earned Value Project Background
- Calculating Planned Value Cost
- Calculating Actual Cost
- Calculating Earned Value Cost
- Performance % Complete
- Conclusions Based on Earned Value
- Cost, Schedule Performance Indices
- Calculating Estimate to Complete

### **14. Activity Usage Profile and Spreadsheet**

- Activity Usage Profile
- Activity Usage Spreadsheet

### **15. Top-down Budgeting**

- Top-down Budgeting
- Establishing Budgets
- Tracking Budget Changes
- Establishing a Spending Plan
- Benefit Plan Overview
- Tracking and Analyzing Budgets
- Funding Sources

### **16. Top-down Estimating**

- Top-down Estimation
- Assigning Estimation Weights
- Calculating Top-down Estimation Values
- Performing Top-down Estimation
- Applying Top-down Estimation to the Project

### **17. Documenting Risk**

- Risks
- Viewing Risk Types
- Adding a Risk

- Calculating Exposure Values
- Calculating a Risk' s Impact

#### **18. Tracking Layouts**

- Tracking Layouts
- Navigating in the Tracking Window
- Creating a New Tracking Layout

#### **19. Auto Compute Actuals**

- Auto Compute Actuals
- Auto Compute Activity
- Auto Compute Resource
- Auto Compute Expense

#### **20. Reflection Projects**

- Reflection Projects
- Merging Reflection into Source Project
- Updating Reflection via Activity Owner