



Project & Contract Management

Advanced Primavera

Course Introduction

Primavera P6 has been a powerful tool used by project managers for prioritising, planning, managing and executing projects, programs and portfolios. This solution optimises the contribution and functionality of each project management-related role to meet the project team's needs and requirements.

This Primavera P6 Advanced training course is designed to provide participants with the relevant and essential concepts on resource management topics like manual allocation, bucket planning and levelling. This course will explore project management topics include earned value analysis, advanced scheduling and creating time scaled logic diagrams via Visualizer

Target Audience

Project Manager

* Business Administrator

* Marketing Coordinator

* Account Executive

* Chief Operating Officer

* Operations Manager

* Executive Administrative

* Risk Manager

* Program Manager

* Business Analyst

* Quality Control Coordinator

- * Assistant Manager
- * Team Leader
- * Senior Supervisors
- * Researcher
- * Entrepreneur
- * Management Consultant
- * Public Relations Director

Learning Objectives

- Gain the advanced knowledge to effectively calculate completeness percentage of the projects.
- Use advanced scheduling techniques for projects.
- Obtain the expertise and knowledge about Bucket planning.
- Use the Assignments window, be able to level resources, and utilize Earned Value.
- Analyse resources and roles necessary for the project.

Course Outline

- Day 01

Resource and Role Analysis

- Resource and Role Usage
- Resource and Role Limits
- Resolving Overallocation
- Logging In

- Resource Usage Profile
- Resource Analysis Settings
- Displaying the Profile
- Displaying Activities for a Selected Time
- Period
- Viewing Allocation
- Formatting the Profile
- Formatting the Timescale
- Stacked Resource Histogram
- Viewing Role Allocation
- Analyzing Resources via Spreadsheet
- Left, Middle and Right Pane
- Editing the Resource Usage Spreadsheet

Resource Assignments Window

- Customizing the Spreadsheet
- Working in Assignment Details
- General and Planning Tab
- Adjusting Assignments
- Viewing Nonlinear Allocation

• Day 02

Manual Resource Allocation

- Linear and Non-Linear Distribution of Work
- Resource Lag and Resource Duration
- Resource Curves
- Adding Lag and Duration to a Resource
- Assignment
- Viewing Resource Curves
- Assign a Curve to a Resource Assignment

Bucket Planning

- Linear Distribution
- Specifying the Activity Duration Type
- Editing Future Period Buckets
- Editing Future Period Buckets for Multiple
- Assignments
- Tracking Manual Curves

Leveling Resources

- Leveling Overview
- Handling Resource Conflict
- Resource Leveling
- Leveling Rules
- Leveling Priorities
- Selecting Resources
- Adding Leveling Priorities
- Analyzing the Leveled Project
- Viewing the Leveling Log
- Leveling Based on Activity Priority
- Leveling Based on Project Priority

• Day 03

Storing Period Performance

- Financial Periods
- Past Period Actuals
- Selecting Financial Periods
- Displaying Financial Periods in Columns
- Storing Past Period Information

- Editing Past Period Actual Data
- Duration Types
- Time and Work
- Choosing a Duration Type
- Recalculating the Time/Work Equation
- Duration Type: Fixed Units/Time
- Duration Type: Fixed Duration and Units/Time
- Duration Type: Fixed Units
- Duration Type: Fixed Duration & Units
- Assigning a Duration Type
- Modifying an Activity with Fixed Units/Time

Duration Type

- Changing Units
- Changing Duration
- Changing Units/Time
- Adding a Resource

Calculating Percent Complete

- Percent Complete
- Duration Percent Complete
- Units Percent Complete
- 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
- Setting Up Weighted Steps
- Adding Weighted Steps to Activities

- Updating Weighted Steps

- **Day 04**

Earned Value

- Earned Value Analysis
- Essential Performance Variables
- Summary of Performance Variables
- Schedule Variance
- Cost Variance
- Variance vs. Performance Index
- Cost Performance Index
- Estimate to Complete
- Performance Factor
- Earned Value Graph
- Earned Value Project Background
- Calculating Planned Value Cost
- Calculating Actual Cost
- Calculating Earned Value Cost
- Performance % Complete
- Creating Weighted Milestones
- Updating Weighted Milestones
- Effect of Weighted Milestones on Activities
- 50/50
- Activity Percent Complete
- Conclusions Based on Earned Value
- Schedule Performance
- Cost Performance
- Cost Performance Index (CPI)
- Schedule Performance Index (SPI)
- Calculating Estimate to Complete
- Using Remaining Cost for Activity to Calculate
- ETC
- Using CPI to Calculate ETC
- Using CPI and SPI to Calculate ETC

Advanced Scheduling

- Critical Path
- Multiple Float Paths
- Scheduling Out-of-Sequence Activities
- Using Retained Logic
- Using Progress Override
- Calendar Effect on Lag
- Using the Predecessor Calendar
- Using the Successor Calendar

• Day 05

User-Defined Fields and Global Change

- Creating a User-Defined Field
- Displaying User-Defined Fields and Assigning
- User- Defined Field Values
- Creating a New Global Change
- Global Change Report Dialog Box
- Viewing Global Change Results
- Creating a Global Change with If-Then-Else
- Logic
- If Statement
- Then Statement
- Else Statement
- Viewing Global Change Results
- Workshop: User-Defined Fields And Global
- Change

Managing Multiple Projects

- Benefits of Multiple Projects
- Viewing Multiple Project Activities
- Scheduling Multiple Projects
- Setting the Default Project
- How Project Elements are Handled in MultiProject Mode

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Dec. 22, 2025	Dec. 26, 2025	5 days	4250.00 \$	UAE - Dubai