

P6 Basic Turnaround Scheduling | 2015

Course Level: Basic

Course Length: 3-day class

Prerequisite: Introduction to P6 or 1 Year P6 User Experience

This Basic Turnaround Scheduling course is designed for individuals that have no Turnaround experience. Students will gain a thorough understanding of how to build schedules to meet the required needs of the turnaround team, contractors and management. This hands-on training in the Primavera P6 software you will walk away with a good comprehension of how the process is broken down into individual components culminating into a resource-loaded execution schedule.

Course Topics

Section 01: Introduction to Turnarounds/Shutdowns

- Understanding Terminology and Process
- Project Controls in Big Scheme
- Scheduling Values
- The Role of a Turnaround Scheduler

Section 02: P6 Navigation & User Settings

- Database Log In
- Toolbars & Menus
- User Settings for Turnaround Scheduling

Section 03: Creating a Project

- Understanding Project Details & Settings
- Utilizing Templates Operations
- Utilizing Templates WBS / Asset

Section 04: Work Breakdown Structure (WBS)

- Identifying Standard Turnaround WBS
- Creating a WBS

Section 05: Calendars

- Understanding the Calendar Functionality
- Creating & Assigning Calendars

Section 06: Activities & Relationships

- Identifying Activity Types
- Adding Activities
- Creating Job Templates
- Creation of Activity Relationships
- Understanding Lag
- Activity Constraints
- Turnaround Schedule Develop (WIP)

Section 07: Activity Codes

- Building Code with Structure
- Creating Activity Codes at Different Levels

- Methods for Assigning Codes

Section 08: Customizing the Project

- Understanding Group and Sort
- Understanding and Utilizing Filters
- Importing & Exporting Layouts
- Bars, Fonts, and Row Heights

Section 09: Creating & Assigning Resources

- Understanding Resources
- Creating Resource Pools
- Assigning Resources to Activities
- Viewing Resource Profiles

Section 10: Scheduling Concepts

- Setting Milestones to Manage Float
- Critical Path & Critical Mass Identification
- The Importance of Update Cycles

Section 11: Schedule Validation Vs. Optimization

- Work Flow from Validate to Optimize
- Creating Scenarios and Showing Impacts
- Analyzing Resource Allocations

Section 12: Maintaining & Assigning Baselines

- Understand Baselines
- Creating Baselines
- Utilizing Baselines

Section 13: Scheduling During Execution

- Creating Visibility Through Layouts & Reports
- Day in the Life
- Status / Report / Start Over