PROFESSIONAL TRAINING / COURSE OVERVIEW

Primavera P6 Professional

Build reliable schedules. Manage resources. Monitor performance.

DURATION	DELIVERY	COURSE CODE
25 instructional hours	**Instructor-led • hands-on**	**ARP6P001**

■ Course Description

Primavera P6 Professional is a 25-hour practical training course designed to strengthen participants' capabilities in project planning, logic-driven scheduling, resource and cost management, progress tracking, and schedule performance analysis using Oracle Primavera P6 Professional. The course connects project controls principles with structured, hands-on software exercises.

Participants build a complete project schedule from EPS and WBS setup through activity sequencing, critical path analysis, resource loading, baseline management, progress updates, and reporting. Practical exercises translate P6 capabilities into reliable planning and project control practices.

■ Learning Objectives

- Create projects and navigate the Enterprise Project Structure (EPS) in Primavera P6.
- Develop WBS structures, activities, milestones, and activity codes.
- Configure calendars, durations, logic relationships, and constraints.
- Run schedules; analyze critical paths, float, and driving logic.
- Assign roles and resources; review workloads and availability.
- Develop resource-loaded schedules and project cost plans.
- Create and assign baselines; update activities using the data date.
- Interpret schedule variances and earned value performance indicators.
- Customize layouts, produce reports, and exchange schedule data.

■ Audience & Learning Approach

WHO SHOULD ATTEND

Project managers, planning engineers, schedulers, project controls specialists, PMO staff, and professionals overseeing complex project schedules.

TRAINING METHODOLOGY

Instructor demonstrations, guided Primavera P6 exercises, schedule quality checks, resource-loading practice, and an integrated project case study.

25-HOUR CURRICULUM

Course Outline & Hour Allocation

Eight practical learning modules covering the Primavera P6 scheduling and project controls lifecycle.

NO.	MODULE / CORE CONTENT	HRS
01	**Introduction & P6 Project Setup** Enterprise Project Structure (EPS); project creation, P6 interface, project settings, and basic calendar setup.	2
02	**WBS, Activities & Codes** Work Breakdown Structure (WBS); activity IDs, types, durations, milestones, and activity codes.	3
03	**Calendars & Schedule Logic** Global, project and resource calendars; FS, SS, FF and SF relationships; lead/lag and constraints.	4
04	**CPM Scheduling & Float Analysis** Scheduling with the data date; critical/longest paths, total float, logic checks, and schedule validation.	3
05	**Resources, Roles & Costs** Assign roles and resources; define units, rates and costs; resource usage profiles and resource leveling.	4
06	**Baselines & Progress Updates** Create and assign baselines; update actual dates, remaining durations, percent complete, and progress.	3
07	**Performance & Schedule Analysis** Baseline comparisons, schedule and cost variances, earned value fundamentals, and schedule health analysis.	3
08	**Layouts, Reporting & Case Study** Create layouts, filters and groupings; use Gantt views, reports, XER exports, and a hands-on case study.	3
	TOTAL INSTRUCTIONAL HOURS	**25**

■ Practical Training Deliverables

✓ 01
A logic-driven Primavera P6 schedule with EPS, WBS, activities, calendars, and milestones.

✓ 02
A resource- and cost-loaded baseline with critical path and float analysis.

✓ 03
An updated P6 schedule with schedule variance analysis, reports, and exported files.

DELIVERY NOTE
The 25 hours represent instructional time, excluding breaks. The outline may be adapted to participant needs while preserving the learning objectives and total hours.