

Project Management Using Primavera P6: Comprehensive Training

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Barcelona (Spain)

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R2022143015239523 **Location:** Barcelona (Spain) **Fees:** 5200 GBP

Why This Course

Effective project planning and control are critical to delivering projects on time, within budget, and to the required quality standards. Primavera P6 is one of the most widely used project management tools for managing complex, large-scale projects across industries such as construction, engineering, oil & gas, and infrastructure. However, realizing its full value requires more than basic software knowledge—it requires structured planning discipline and best-practice application.

The **Primavera P6 Project Planning, Scheduling & Control Excellence Program** is an intensive five-day course designed to provide participants with a solid, practical foundation in using Primavera P6 for real-world project management. The program focuses on planning, scheduling, resource and cost management, progress tracking, and reporting—ensuring participants can confidently apply the tool to live projects.

Through hands-on exercises and guided workshops, participants gain practical experience that directly supports improved project performance.

What You'll Learn and Practice

By the end of this program, participants will be able to:

- Set up and structure projects effectively in Primavera P6
- Develop logical, optimized project schedules using best-practice techniques
- Manage resources and project costs within the P6 environment
- Track progress, analyze performance, and forecast project outcomes
- Generate clear, professional reports to support decision-making
- Apply Primavera P6 best practices for successful project delivery

The Program Flow 5-Day Structure

Day 1 - Introduction to Primavera P6 & Project Setup

- Overview of Primavera P6 functionality, interface, and navigation
- Creating projects and defining project parameters
- Developing an effective Work Breakdown Structure WBS
- Setting up calendars, activity codes, and project settings

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A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver, set against a background of concentric circles.

Day 2 - Scheduling Techniques

- Creating activities and defining logical relationships
- Understanding and applying activity constraints
- Critical path analysis and float management
- Schedule optimization and quality checks

Day 3 - Resource Management

- Creating and assigning labor, non-labor, and material resources
- Resource leveling and optimization techniques
- Cost loading activities and developing project budgets
- Introduction to Earned Value Management EVM concepts

Day 4 - Progress Tracking & Updating

- Baselining project schedules
- Updating activity progress and actual data
- Schedule performance analysis and forecasting
- Managing changes, revisions, and schedule recovery

Day 5 - Reporting & Advanced Features

- Generating standard and custom project reports
- Creating and using layouts, filters, and groupings
- Managing and integrating multiple projects and portfolios
- Best practices, common pitfalls, and expert tips for Primavera P6 success

Individual Impact

Participants will leave the program with:

- The ability to confidently build and manage schedules in Primavera P6
- Improved accuracy in project planning and scheduling
- Stronger resource and cost management skills
- Enhanced ability to track progress and forecast project performance
- Greater confidence in communicating project status to stakeholders

Organizational Impact

Organizations will benefit through:

A graphic of a chessboard with several pawns and a king piece. The king piece is gold and stands prominently on the right side of the board. The pawns are silver and black. The board is checkered and has a subtle grid pattern.

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- More reliable and realistic project schedules
- Improved visibility into project performance and risks
- Better control of resources, costs, and timelines
- Clearer, data-driven reporting for management decision-making
- Increased consistency in project planning and control practices

Training Methodology

The program uses a highly practical, hands-on learning approach, including:

- Step-by-step Primavera P6 demonstrations
- Individual and group-based scheduling exercises
- Realistic project planning and control scenarios
- Practical tips aligned with industry best practices
- Expert-led instruction grounded in real project environments

Beyond the Course

After completing the program, participants will be ready to:

- Apply Primavera P6 effectively on active projects
- Support planning, scheduling, and control functions within PMOs
- Improve project predictability and delivery performance
- Contribute to higher project management maturity across the organization

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A graphic illustration of a chessboard with a checkered pattern. In the foreground, there are three chess pieces: a gold king, a silver pawn, and a gold pawn. The background features concentric circles emanating from behind the king piece, suggesting a signal or a focus.