

P6 ADVANCED WORKSHOP

"Mastering Project Scheduling: Advanced Techniques in Primavera P6"

Schedule

Date	Venue	Fees (Face-to-Face)
08 - 10 Jul 2026	Dubai - UAE	USD 2495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

This 3-day intensive workshop is designed for professionals seeking to deepen their understanding and mastery of Primavera P6. As one of the most powerful project management tools, P6 helps teams to efficiently plan, schedule, and manage complex projects. Through a hands-on, practical approach, this course will delve into advanced features, providing insights into managing large-scale projects, optimizing resources, and using P6's powerful analytics to ensure project success.

Participants will leave the workshop with enhanced skills in P6, enabling them to create detailed project schedules, track progress effectively, and make adjustments in real-time to meet project goals.

Objectives

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

- Understand advanced features of Primavera P6 for effective project management
- Develop detailed and realistic project schedules using P6
- Optimize resource allocation and manage constraints within P6
- Use P6's advanced reporting and analytics tools to monitor and control project performance
- Perform advanced project updates, forecasting, and schedule analysis

Why Attend

- Gain a deep understanding of advanced features in Primavera P6
- Learn how to create and manage detailed schedules for complex projects
- Discover advanced techniques for managing resources and costs
- Enhance your ability to use P6 for effective project tracking and analysis
- Boost your career by becoming proficient in one of the leading project management tools
- Participate in practical exercises that can be applied directly to your project work

Target Audience

This program is designed for:

- Project managers and schedulers responsible for managing large or complex projects
- Professionals already familiar with Primavera P6 who want to deepen their skills
- Project coordinators and engineers who use Primavera P6 in their daily work
- Consultants and trainers who wish to enhance their knowledge of advanced P6 functionalities

Individual Benefits

Key competencies that will be developed include:

- Expertise in Primavera P6's advanced scheduling and project management features
- Skills to optimize resource management and adjust for project constraints
- Proficiency in creating customized reports and analysis to track project performance
- Ability to handle complex project schedules, risks, and changes effectively
- Improved decision-making abilities using P6's forecasting and analysis tools

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Enhanced ability to deliver projects on time and within budget through effective scheduling and resource management
- Improved resource allocation and tracking, leading to more efficient project execution
- The ability to use P6's advanced tools for risk management, project forecasting, and performance monitoring
- Capability to create comprehensive and detailed project reports, improving communication with stakeholders
- An increased level of control over project timelines, costs, and resources

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Introduction to advanced Primavera P6 features, including scheduling, resource management, and reporting
- Case Studies - Real-world examples of how Primavera P6 can be used to manage complex projects and solve scheduling challenges
- Workshops - Hands-on exercises for creating and managing detailed project schedules, tracking progress, and generating reports
- Peer Exchange - Group discussions on challenges, best practices, and lessons learned in using Primavera P6 in diverse projects
- Tools - Practical tools for resource optimization, risk management, and advanced scheduling in Primavera P6

MAWA EVENTS

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Course Outline

Detailed 3-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Advanced Scheduling and Planning with Primavera P6

- Module 1: Introduction to Advanced Features in Primavera P6 (07:30 – 09:30)
 - Overview of the advanced features in Primavera P6
 - Understanding the interface and project setup for complex scheduling
 - Key components of a detailed project schedule
- Module 2: Advanced Resource and Cost Management (09:45 – 11:15)
 - Managing resources across multiple projects
 - Setting up and optimizing resource pools
 - Allocating and tracking costs within P6
- Module 3: Working with Constraints and Scheduling Algorithms (11:30 – 01:00)
 - Applying and managing constraints in Primavera P6
 - Optimizing schedules using advanced scheduling techniques and algorithms
 - Resolving resource conflicts and scheduling issues

Day 2: Monitoring, Controlling, and Reporting with Primavera P6

- Module 4: Tracking Project Progress and Updates (07:30 – 09:30)
 - Techniques for updating project schedules and tracking progress
 - Using P6's "Actuals" and "Remaining Duration" for accurate forecasting
 - Managing delays and adjusting schedules in real time
- Module 5: Using P6 for Performance Monitoring and Forecasting (09:45 – 11:15)
 - Analyzing project performance using Earned Value Management (EVM)
 - Forecasting project completion dates and costs using P6's reporting tools
 - Analyzing project trends to anticipate risks and mitigate delays
- Module 6: Advanced Reporting and Analytics in Primavera P6 (11:30 – 01:00)
 - Creating customized reports and dashboards for stakeholders
 - Analyzing project data through P6's reporting and analytics features
 - Generating performance indicators and key metrics for decision-making

Day 3: Advanced Techniques and Case Studies in Primavera P6

- Module 7: Resource Optimization and Scheduling Strategies (07:30 – 09:30)
 - Advanced techniques for optimizing resource allocation
 - Handling resource over-allocations and conflicts
 - Strategies for managing resource leveling and maximizing efficiency
- Module 8: Case Study: Solving Complex Scheduling Problems (09:45 – 11:15)
 - Analyzing a complex project scenario and creating an optimized schedule
 - Using Primavera P6 to solve scheduling conflicts and challenges
 - Group discussion on best practices for managing complex projects
- Module 9: Final Review and Workshop (11:30 – 01:00)
 - Hands-on session to apply all the techniques learned throughout the workshop
 - Reviewing key takeaways and answering any remaining questions
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Final project scheduling exercise to demonstrate the use of advanced P6 features

Certification

Participants will receive a Certificate of Completion in Advanced Primavera P6 Project Scheduling, validating their expertise in using Primavera P6 to manage large and complex projects, optimize resources, and track project performance effectively.

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