
Project Planning and Scheduling with Primavera P6 and MS Project

18 - 22 Oct 2026
Cape town





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Ref.: 1407_3369 **Date:** 18 - 22 Oct 2026 **Location:** Cape town **Fees:** 6000 **GBP**

Project Planning and Scheduling with Primavera P6 and MS Project is a 5-day practical scheduling course delivered by Mars Training Centre UK at our centres in London, Dubai, Doha, Muscat, and Kuala Lumpur — designed for project planners, schedulers, project controls professionals, and project managers who need to build defensible schedules using the industry's two dominant tools.

A project schedule is the single most heavily scrutinised document on any major project. Sponsors challenge it, contractors argue over it, lawyers cite it in disputes, and delivery teams live by it. Building a credible schedule is part method, part discipline, and part tool fluency. This course covers all three, focused on the two software tools that dominate the market — Primavera P6 and MS Project.

Across five focused days, you will work through scheduling method, then build and manage real schedules in both Primavera P6 and MS Project, then learn how to interrogate someone else's schedule with senior project judgement. The course is delivered by senior planners and project controls leaders. It is a Mars-developed programme and is not a software vendor certification.

What You Will Learn

By the end of this programme, you will be able to:

- Apply Critical Path Method scheduling principles to real projects.
- Build a project schedule from work breakdown structure to baselined plan.
- Use Primavera P6 to build, baseline, and update a project schedule.
- Use MS Project to build, baseline, and update a project schedule.
- Apply progress measurement and earned value to a working schedule.
- Run schedule risk analysis on a Primavera P6 schedule.
- Interrogate a contractor's schedule and identify common manipulation patterns.
- Produce schedule reports and dashboards that senior managers will actually use.
- Build a personal scheduling development plan.

How You Will Benefit

You will leave with practical working fluency in Primavera P6 and MS Project, supported by the underlying scheduling method, and a Mars Certificate of Completion.

Your organisation will gain a planner or project manager who builds defensible schedules, defends them under scrutiny, and provides the kind of forward-looking schedule data senior management can act on.



Who This Programme Is For

This programme is designed for delivery and planning professionals, including:

- Project planners and senior project planners
- Project schedulers across construction, EPC, and infrastructure
- Project controls managers and project controls engineers
- Project managers who own their own schedules
- PMO managers and PMO analysts maintaining portfolio schedules
- Contract administrators reviewing contractor schedules
- Engineering managers responsible for delivery against a master schedule

The seniority floor is experienced planner or project manager.