



Project Schedule Management

Course Description

Research has shown that 70% of projects are significantly behind schedule, significantly overrun or both. This often is due to unrealistic project schedules that are not actively managed. A variety of schedule planning and analysis techniques are available for project managers. These include Network Diagramming, Gantt Charts, Milestone Charts, Waterfall Charts, Critical Path Method, Resource Allocation Charts, Schedule Acceleration Techniques and Earned Value Analysis. In addition the use of float (slack time) will be discussed. The course material is based upon the *Project Management Body of Knowledge* – the international standard for project management approach and practices – and real life experience with many projects in all aspects of business.

Throughout this two-day course you will have the opportunity to apply the project management tools in a case study or, if you are with a project team, you can use your team's project in lieu of the case study. This will provide hands-on experience with the tools and a better understanding of their appropriate use in the project management process. Many of the tools will be demonstrated using both simple manual methods and MS Project software.

Topics Covered

- Project Scheduling Formats and Analysis
- Network Diagramming
- Critical Path Method
- Gantt Charts & Milestone Charts
- Critical Chain & Resource Allocation Scheduling
- Schedule Acceleration
- Earned Value Analysis