

Managing Project Schedules

7 Professional Development Hours (0.7 CEU)

Effective control of a project's schedule is fundamental to achieving a quality project. Understanding and managing the interrelationship of the schedule with the scope and budget largely determines project success. By organizing tasks, setting achievable durations, controlling the critical-path, and managing risks and change, the team can deliver a quality project on time.

This one-day training, taught by Wynnlee Crisp, explores practical methods used by successful project teams. It covers understanding the work breakdown structure; avoiding delay; managing to milestones on the critical path; scheduling work in ways to facilitate cost control; use of contingency; managing risk and change; and how to recover when things go wrong. Working in small groups, participants can get advice for improving their current projects.

Course Topics

- ➔ Organizing work for effective schedule control
- ➔ Use of the work breakdown structure and precedence diagram
- ➔ Developing a schedule that can be better managed
- ➔ Schedule management options
- ➔ Three-point estimating and weighted average durations
- ➔ Monitoring and managing a Critical Path schedule
- ➔ Identifying the "Risk Critical Path"
- ➔ Useful elements of Critical Chain scheduling
- ➔ Managing schedule risk
- ➔ Defining time contingency that is appropriate for the *specific* project
- ➔ Cost-efficiency of accelerating activities
- ➔ Interrelationships among scope, schedule, budget, and quality
- ➔ Prevention, minimization and mitigation of schedule slippage
- ➔ How to get back on track when things go wrong

Who Should Attend

Project managers and key team members who want to better manage schedules. The course is often attended by engineers, architects, constructors, IT professionals, planners, scientists, inspectors, surveyors, real property specialists, and managers of divisions/departments. Participants come from the fields of transportation, water/wastewater, stormwater, environmental, parks, IT, land development, mining, manufacturing, energy, operations, and administration.

Related Professional Trainings for Project Teams

Introduction to Project Management

Managing Scope, Schedule and Budget

Project Leadership

Leadership Skills

Team Skills, Techniques and Tools

Negotiation Skills

Communication Skills

Project Estimating and Budgeting

***Measuring Project Performance and
Earned Value Management***

Administering Contracts

Managing Construction Contracts

Managing Consultants

Managing Construction Contractors

Construction Partnering

Critical Path Scheduling

Managing Project Risk

Managing NEPA in the Project

Building Evaluation and Due Diligence

Implementing a Project Delivery System



These trainings are offered to project professionals
in your own facilities by

Wynnlee Crisp

35 years of project management

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About the Instructor

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Mr. Crisp has more than 35 years experience in managing capital development, business process improvement, and environmental projects for public and private organizations around the world. He brings this practical knowledge to the project delivery trainings that he has developed and conducted for the past eleven years.



His skills include project planning, organizing and directing multidisciplinary teams, and controlling cost and schedules. He has successfully managed project planning, conceptual design, route selections, permitting and environmental analyses for Intel, NASA, Strategic Defense Initiative (Star Wars), Roadway Express, FHWA, state departments of transportation, and city and county public works departments. His strengths earned him commendation from Oregon's Governor, designation by Intel as Preferred Environmental Supplier, appointment to USA TODAY's Entrepreneur Panel and invitations to speak at public works professional meetings, private corporation annual meetings, the National

Academy of Sciences' Transportation Research Board, and western universities. He was recently a peer reviewer of the Project Management Institute's Earned Value practice standard.

As a practicing project manager, he is currently consulting on two public projects: optimization of road maintenance to lower costs; and implementation of a Project Management System. He previously helped develop a consulting firm's Project Delivery System that was acknowledged as among "The PMI Power 50" worldwide.

Mr. Crisp is a member of PMI holds an MBA in General Management, an M.S. in Resource Management, and a B.S. in Education. He has developed and conducts five project management trainings for the University of Washington Engineering Professional Programs Office. All are for practicing professionals and include Managing Scope, Schedule and Budget; Project Leadership; Managing Consultants; Measuring Project Performance and Managing Project Delivery. These courses have also been conducted for city Engineering Departments, county Public Works Departments, city water and transportation departments, League of Oregon Cities, Oregon DOT, Washington State DOT, and others.