

Course Description

Scheduling and Estimation Best Practices: A Disciplined Based Approach AMS1008

14 Professional Development Units
14 Education Hours



Course Description

For many years, Project Managers have been expected to develop estimates and schedules that foresee and emulate future performance. As estimation and scheduling are both professional disciplines, Project Managers have been at a distinct disadvantage. This program is designed to introduce the participants to the best practices of both professions. Upon completion of this course, participants will understand these practices from the perspective of the professional estimator and professional scheduler. Best practices from the Project Management Body of Knowledge (PMBOK) and the Association of the Advancement of Cost Engineering's Total Cost Management (TCM) Framework will be practically applied across multiple industry requirements.

Learning Objectives

- Gain an understanding of the competencies of the professional estimator and scheduler
- Discuss and evaluate the life cycle requirements of effective estimates and schedules
- Understand the interdependencies from estimate and schedule development and effective project control
- Define the various types of estimates, inherent elements and required prerequisite deliverables
- Define the schedule "hierarchy", inherent elements and required prerequisite deliverables for various schedule uses
- Effectively structure the project's scope, milestones, work packages and control accounts to create an effective "flow down" for estimates and schedules
- Analyze and implement industry contingency strategies and management techniques
- Understand the integration requirements of Value Analysis, Quality Management and Risk Management with estimating and scheduling processes

Learning Format

This course is highly interactive and how-to oriented. Discussion of concepts and principles is followed by hands-on exercises. The emphasis is on the practical application.

Duration

Two days

Who Should Attend

Project managers, project administrators, team leads, and other professionals who are interested in developing high quality estimates and schedules would benefit by taking this course.