

Course Description

Advanced Scheduling and Project Controls AMS104

21 Professional Development Units
21 Education Hours



Overview

As project's become more complex and integration-heavy, the possibility of "casual-scheduling" methods being successful for project baseline control greatly diminishes. This course takes the "casual scheduler" through the elements of scheduling and project control required of a "Master Scheduler". Using Microsoft Project 2003, the course defines a comprehensive "end-to-end" and best-practice approach (PMI and AACE*) for baseline development, monitoring, tracking, analysis and control that can be integrated and assimilated into any corporate project control scenario using Microsoft Project 2003.

*(Project Management Institute and Association for the Advancement of Cost Engineering International)

Learning Objectives

- Define and develop the schedule, cost, and project control framework
- Develop the project's WBS, Code of Accounts structure, work packages and task base for tracking and monitoring
- Define and develop the project's schedule and cost relationships
- Define the elements of the project plan that will drive project controls
- Define the various schedule types suitable for different estimate classes
- Perform and understand critical path analysis (mathematical and risk-based) and trending
- Understand the "costs and rewards" of schedule acceleration
- Define and understand the necessities of status gathering, application, and resource balancing
- Understand how to develop a "reality-based" Performance Management System using earned value management and burn rate
- Understand the keys to multiple project integration and control

Format

The format of the course is best-practice and case study based with a balance of interactive lecture and hands-on exercises.

Duration

Three days

Who Should Attend

Project schedulers and Project Managers casually scheduling projects without integrated controls based training would benefit by taking this course.

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