

Course Description

Advanced Project Planning and Control AMS106

14 Professional Development Units
14 Education Hours



Overview

Today's project manager is faced with a myriad of project and organizational responsibilities on which the success of programs and projects are based. This course will allow project managers with a sound knowledge of scheduling, controlling and monitoring to take a "deeper cut" at project management areas and competencies that will make the difference between managing a project and being managed by the project. Participants will build on their sound foundations to add senior level project management awareness, competencies and skill sets.

Learning Objectives

- Identify the inherent, realistic and underlying success factors for managing projects in organizations
- Understand the complexities of multiple projects management
- Uncover and understand the high risk areas and topics involved in multiple project and program management
- Build an understanding of random occurrence, risk identification, risk quantification and mitigation planning
- Apply the current state-of-the art variance determination techniques
- Be able to inject urgency with real time results
- Design a metric-driven checklist and the accompanying risk assessment for the project organization's and project team's realistic capabilities
- Use advanced task dependencies to crash and shorten the critical path
- Determine the feasibility of path compression with bottleneck analysis and trade-off analysis

Format

This course is highly interactive and adaptive to class interests and needs. A lecture/discussion approach is used and is accompanied by hands-on exercises.

Prerequisites

Participants should possess a firm grasp of project management fundamentals, such as planning, scheduling, estimating and basic control and monitoring mechanisms to fully participate in this course.

Duration

Two days