

Course Description

Project Planning, Scheduling, and Control for Architectural and Engineering Firms AMS139

14 Professional Development Units
14 Education Hours



Overview

Today architectural and engineering organizations are focusing on project management as an effective way to manage a wide variety of customer management/retention, design and deliverable management, and profitability issues.

This course will provide an end-to end look into the architectural and engineering project management function. We will cover the fundamentals of effective scope of services development, risk assessment, project execution planning, internal project quality processes, realistic project scheduling and control communication management and formal project close-out. The fundamentals provided in this course will help attendees establish an understanding of a clear and threaded approach to managing projects in the competitive architectural and engineering industry.

Learning Objectives

- Understand a deliverable based architectural and engineering project management methodology that can be easily scaled across varying project requirements
- Develop initial and detailed scope of services
- Use the WBS and other scope development tools to turn the scope into tangible deliverables
- Develop a realistic and rigorous Project Execution Plan execution plan to keep the client and internal resources on track and within scope, schedule and budget
- Examine accepted methods (and levels) of scheduling and estimating to coincide with varying project requirements, complexities and sizes
- Examine the standard tools and strategies to effectively build in control and affect accurate project status and change control
- Examine the best practices available to complete the scope of work, receive client signoff, facilitate client satisfaction, close out the project against the documented project requirements, conduct Lessons Learned and positively effect “follow-on work”

Format

The format of the course is highly interactive and how-to oriented. Discussion of concepts and principles is followed by exercises. The emphasis is on the practical application and adaptation of selected tools and processes.

Duration

Two days

Who Should Attend

Project managers, team members and other architectural and engineering professionals who want to expand their knowledge of realistic project management, improve their job performance and excel at managing architectural and engineering projects profitably and according to plan would benefit by taking this course.