

COST MANAGEMENT PRINCIPLES FOR CAPITAL PROJECTS

This foundational 8-hour long course will set the foundation for proper cost management of capital projects, explaining terms, pitfalls and providing best practices.

Course Agenda

- Course Overview and Expectations
- Terminology
- Overview of Capital Project Lifecycle Phases
- Project Challenges
- Concept Phase
 - Planning and Financial Feasibility
 - Concept Cost Estimation and Estimating Principles
 - Risks, Contingency and Stage Gates
- Design Phase
 - Four Steps of Design Progression
 - Picking the Right Project Tools
 - Preparing for Success
- Pre-Construction Phase
 - Pre-Construction Phase Roles and Key Costs
 - Maximizing and Classifying Your Data
 - Utilizing Cost and Materials Management
 - Risk Probability vs Impact
 - Scope Management and Change Controls
- Construction Phase
 - Construction Phase Roles
 - Establishing Class 1 Estimates
 - Cost Management Tips
 - Data Assimilation, Visualizations and Reporting
 - Earned vs. Burned
- Post-Construction Phase
- Action Plan
- Summary and Wrap Up