Course Title: Project Evaluation: Operating Cost Estimating Combo Course

Course ID: CH758

Course Type: Instructor-led (classroom) Course

http://www.aiche.org/ch758

Course Schedule

Conceptual Development and Capital Cost Estimating (CH139)

Day One

- Part I: Cost Estimation Basics
  - Estimating Terminology & Concepts
  - Types of Project Estimates
- Part II: Conceptual Development
  - Scope Development
  - Project Development
- Part III: Conceptual Estimating
  - Equipment Costs
  - Installation Factors
  - Factored Estimates
  - Cost Escalation
  - Scaling Methods
  - Contingency Applications

Day Two

- Part IV: Detailed Cost Estimating
  - Project Management Costs
  - Project Related Costs
  - The Detailed Estimating Process
  - Methodology of Detailed Estimating
  - Mechanical Estimating Methods
• Part V: Summary


Day Three

• Financial Terminology
• Working Capital
• Allocation of Shared Fixed Capital
• Costing of Raw Materials
• Energy Costs
• Labor and Support Services
• Plant Overhead, Allocation of Corporate and Other Shared Expenses
• Estimating Revenue, Market Potential and Penetration

Day Four

• Value-in-Use
• Required Selling Price
• Measuring Profitability
• Return on Investment Techniques
• Cash Flow Analysis Techniques
• Decision Making
• Sensitivity Analysis
• Risk Analysis
• Investment Equivalents