



CCP Exam Preparation Course

Course Audience: CEO, Financial Managers, HR Managers, Project Managers, Engineers and Planners, Information Technology Managers and anyone interested in cost control and operations optimization regardless of the nature of its business

Course Duration: 36 Hours

Course Location: Internal Training: VBS Premises
External Training: Client's Premises

What will you learn?

You will learn:

- ✓ Technical Paper Preparation
- ✓ Cost Elements & Estimate accuracy
- ✓ Earned Value Management
- ✓ Time & Risk Management

Course Topics:

Introduction

- ✓ Projects definitions
- ✓ Project management & project life cycle
- ✓ Organization types

Planning and Scheduling

- ✓ Define scope
- ✓ Create WBS
- ✓ Define activities

- ✓ Sequence activities
- ✓ Estimate activities resources
- ✓ Estimate activities duration
- ✓ Develop schedule using CPM
- ✓ Critical Chain
- ✓ Fast Tracking
- ✓ Crashing
- ✓ Resource leveling

Cost Management

- ✓ Estimate activity cost
- ✓ Cost of quality
- ✓ Risk Management & determine contingency reserve
- ✓ Contracts types
- ✓ Determine Budget
- ✓ S- Curve & Fund

Cost Elements

- ✓ Material
- ✓ Labor
- ✓ Equipment
- ✓ Productivity adjustment
- ✓ Crow productivity

Cost Estimating Introduction

- ✓ Cost estimate for owners, consultants & contractors

Cost Estimating

- ✓ Order of Magnitude Estimating

- ✓ Range estimate
- ✓ Equipment cost by scaling
- ✓ Definitive estimates
- ✓ Cost Estimating Accuracy

Engineering Economics

- ✓ PV
- ✓ FV
- ✓ NPV
- ✓ IRR
- ✓ MARR

Earned Value

- ✓ Cost & Schedule Variance
- ✓ Cost and Schedule indexes
- ✓ EAC
- ✓ ETC
- ✓ VAC
- ✓ TCPI
- ✓ Percent Complete

Cash Flow

- ✓ Cash Concept
- ✓ Cash Vs. Cost

Value Engineering

Revision

- ✓ Course review
- ✓ Technical paper preparation
- ✓ Sample Exam

**Course Requirements by
client in case of external
training:**

- ✓ PC for each trainee
- ✓ Projector
- ✓ White Board