

## AACE Certified Cost Professional (CCP) Preparation Course

### Training Duration

5 days

### Training Venue and Dates

|              |   |        |         |                                |            |
|--------------|---|--------|---------|--------------------------------|------------|
| REF<br>CE003 | AACE Certified Cost Professional (CCP) Preparation Course | 5 Days | \$5,500 | 04 <sup>th</sup> – 08 Nov 2024 | Dubai, UAE |
|--------------|---|--------|---------|--------------------------------|------------|

In any of the 4 or 5-star hotels. The exact venue will be intimated upon finalization.

### TRAINING FEES

\$5,500 per participant includes Training Materials/Handouts, Tea/Coffee breaks, Refreshments, and Lunch.

### Training Certificate

**DEFINE** Management Consultancy & Training Certificate of course completion will be issued to all attendees With Valid approved Logo of AACE (Certification Preparatory Training by AACE)

### PDU/CONTACT HOURS OFFERED

Total – 6 CEUs

### TRAINING INTRODUCTION/DESCRIPTION

Since 1956, AACE International (the Association for the Advancement of Cost Engineering) has provided its members with the resources they need to enhance their performance and ensure continued growth and success.

The CCP certification recognizes specialists who meet a demanding set of criteria by a rigorous examination, experience, education and ethical qualifications. The CCP requirements reflect the sophistication of individuals in today's earned value industry and it fairly measures their knowledge, experience and adherence to best management practices.

CCP certification distinguishes cost and management professionals who have the knowledge and skills that impact the bottom line. AACE® certification ensures a high-quality standard.

### TRAINING OBJECTIVES

Today's ever-changing business environment requires new approaches to cost engineering management, which has become an important tool for dealing with time-to-market, resources limitations, downsizing and global competition.

This training course will provide participants with a thorough background in the concepts of total cost management and cost engineering. The course addresses area of Total Cost Management through planning and controlling resources, costs, profitability and risk. i.e managing cost throughout the life cycle of any enterprise, program, facility, project, product or service.

The course covers the application of cost engineering and cost management principles, proven methodologies and the latest technology in support of the management process. Practical sessions will provide hands-on experience.

### **WHO SHOULD ATTEND?**

This course is targeted for all business enterprises, construction, factories and all levels from chief executive officers, finance managers, human resources managers, project managers, site engineers, planners and cost control engineers.

### **TRAINING METHODOLOGY:**

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on a daily basis to examine the effectiveness of delivering the course.

All presentations are made in excellent colourful power point. Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work& Practical Exercises
- 20% Videos& General Discussions-

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### **COURSE OUTLINE:**

#### **Course Introduction**

- ❖ Nature of the CCP Exam
- ❖ The Nature and Type of Questions
- ❖ Cost Elements
- ❖ Pricing & Costing
- ❖ Materials
- ❖ Labor
- ❖ Engineering Role & Project Success

- ❖ Machinery, Equipment, & Tools
- ❖ Economic Costs

## Activity-Based Cost Management

### Cost Estimating Conceptual Estimating Methodologies

- Deterministic Estimating Methodologies
- Process Product Manufacturing
- Discrete Product Manufacturing
- Project planning
- Understanding Time Management Environment
- Critical path method (CPM)
- Schedule development
- Earned Value Overview
- Performance and Productivity Management
- Project Management Fundamentals
- Project Organization Structure
- Project Communication
- Project Labor Cost Control
- Leadership and Management of Project People
- Quality Management
- Value Analysis
- Contracting for Capital Projects
- Strategic Asset Management
- Change Management Practical Guide
- Overview of Construction Claims & Disputes
- Financial & Cash Flow Analysis
- Practical Corporate Investment Decision-Making Guide
- Statistics & Probability
- Optimization
- Risk Management Fundamentals
- Risk Management Practical Guide
- Total Cost Management Overview
- The International System of Units (SI)

## Workshops

- Workshop # 1 - Section 1— Cost
- Workshop # 2 - Section 2— Cost Estimating
- Workshop # 3 - Section 3— Planning & Scheduling
- Workshop # 4 - Section 4— Progress & Cost Control
- Workshop # 5 - Section 5— Project Management
- Workshop # 6 - Section 6— Economic Analysis, Statistics, Probability and Risk Analysis

## NOTE:

**Pre & Post Tests will be conducted.**

**Post tests will be with minimum pass marks.**

**80% of attendance is a must to receive Certificate.**

**Case Studies, Individual & Group Exercises, Project works (making into groups), Role plays, Group Discussions, Last Day Review & Assessments will be carried out as applicable.**



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