

**TRAINING TITLE**

**AACE COST ESTIMATION PROFESSIONAL (Certification Preparatory Training)**

**TRAINING DURATION**

5 days

**TRAINING VENUE AND DATES**

REF CE001	AACE Cost Estimation Professional (Certification Preparatory Training)	5 days	21-25 October 2024	\$6,000	Singapore
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**In any of the 5-star hotels. The exact venue will be informed soon.**

**TRAINING FEES**

\$6,000 per participant includes Training Materials/Handouts, Tea/Coffee breaks, Refreshments and International Buffet 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<sub>s</sub>/CONTACT HOURS OFFERED**

Total – 3 CEUs

**TRAINING INTRODUCTION/DESCRIPTION**

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. As markets and project organizations become more dynamic, administrative and technical skills alone are no longer sufficient to deal with the complexities of modern project undertakings.

The Certified Estimating Professional (CEP) course/certification program is designed to establish credentials for those individuals working in the estimating field.

**TRAINING OBJECTIVES**

This certification program will give professionals a means to validate their skills and knowledge and provide the essential need for cost estimating practical implementation in the real world and the need of transferring theoretical to practical becomes a great challenge in the real world business which will direct and guide all project management knowledge areas

implementation to achieve companies goals and objectives. Also, it distinguishes the Certified Estimating Professional who has the knowledge and skills that impact the bottom line.

### **WHO SHOULD ATTEND?**

Quantity surveyors, Estimators, engineers, project managers, accountants, financial, site managers, site engineers and anyone interested in estimating field.

### **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 motivate everybody 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 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

### **COURSE OUTLINE:**

#### **DAY 1**

Course Introduction  
CEP Certification Requirements CEP Certification  
Examination Structure  
Test Your CEP Knowledge  
Introduction to the Cost Estimating Competency Model  
Cost  
Price  
Materials  
Equipment  
Labor

#### **DAY 2**

General Estimating Concepts  
Cost Estimating Terminology

Cost Estimate Classifications  
Estimate Variability  
Estimating Algorithms  
Workshops

**DAY 3**

Codes of Accounts  
Historical Cost Data  
Internationalization  
Estimating Processes and Practices  
Planning the Estimate  
Estimating Methodologies  
Quantification  
Costing  
Pricing  
Workshops

**DAY 4**

Conditioning  
Risk Evaluation and Contingency Determination  
Estimate Documentation  
Estimate Reconciliation  
Estimate Review and Validation  
Estimate Reporting  
Estimate Closeout  
Building Information Modeling (BIM)  
Workshops

**DAY 5**

Other Estimating Issues  
Bidding  
Budgeting  
Project and Lifecycle Costing  
Project and Product Costs  
Integrated Project Delivery  
Exam simulation

**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 in to groups), Role plays, Group Discussions, Last Day Review & Assessments will be carried out as applicable.



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