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بروجاكس للتدريب والتطوير  
Projacs Training and Development

# Certified Estimating Professional (CEP) Exam Preparation – Certified Program

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برنامج تحضيرى لشهادة CEP – معتمد عالمياً

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Dubai / United Arab Emirates

A Member of:



PROJACS ACADEMY



ProjacsAcademy.com



## Introduction

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.

Also, it distinguishes the Certified Estimating Professional who has the knowledge and skills that impact the bottom line.

## 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.

## Who Should Attend?

Quantity surveyors, Estimators, engineers, project managers, accountants, financial, site managers, site engineers and any one interesting in estimating field.

## Course Outline

### Day One

- Introduction to the CEP Certification Study Guide
- CEP Certification Requirements
- CEP Certification Examination Structure
- **Supporting Skills and Knowledge**
  - Introduction: The Role of the Cost Estimator
  - Elements of Cost
  - Elements of Analysis
  - Enabling Knowledge

### Day Two

- **Cost Estimating Skills and Knowledge**
  - General Estimating Concepts
  - Cost Estimating Terminology
  - Cost Estimate Classifications
  - Estimate Variability
  - Estimating Algorithms
  - Codes of Accounts
  - Historical Cost Data
  - Internationalization

### Day Three

- **Estimating Processes and Practices**
  - Planning the Estimate
  - Estimating Methodologies
  - Quantification
  - Costing
  - Pricing
  - Conditioning
  - Risk Evaluation and Contingency Determination
  - Estimate Documentation
  - Estimate Reconciliation
  - Estimate Review and Validation

- Estimate Reporting
- Estimate Closeout
- Building Information Modeling (BIM)

#### **Day Four**

- **Other Estimating Issues**
  - Bidding
  - Budgeting
  - Project and Lifecycle Costing
  - Project and Product Costs
  - Integrated Project Delivery

#### **Day Five**

- **Full scale exam simulation**

### Training Method

- Pre-assessment
- Live group instruction
- Use of real-world examples, case studies and exercises
- Interactive participation and discussion
- Power point presentation, LCD and flip chart
- Group activities and tests
- Each participant receives a binder containing a copy of the presentation
- slides and handouts
- Post-assessment

### Program Support

This program is supported by interactive discussions, role-play, case studies and highlight the techniques available to the participants.

### Schedule

**The course agenda will be as follows:**

- |                     |                  |
|---------------------|------------------|
| • Technical Session | 08.30-10.00 am   |
| • Coffee Break      | 10.00-10.15 am   |
| • Technical Session | 10.15-12.15 noon |
| • Coffee Break      | 12.15-12.45 pm   |
| • Technical Session | 12.45-02.00 pm   |
| • Course Ends       | 02.30 pm         |

### Course Fees\*

- **2,950USD**  
*\*VAT is Excluded If Applicable*