



CERTIFIED ESTIMATING PROFESSIONAL (CEP) CERTIFICATION PREPARATION

Course Overview

Level: Professional

CEP Certification Overview

A CEP is a professional with vital expertise to contribute to the economic evaluation of potential projects by supporting the development of budgets, project resource requirements and value engineering. By applying the estimating body of knowledge as outlined in AACE's Recommended Practice 46R-11, the CEP estimates costs of a determined scope in order to advise management on project funding decisions. The CEP's ability to clearly communicate cost estimates, both verbally and written, to all project stakeholders is critical to their success.

Course Description

AACE International's Certified Estimating Professional (CEP) certification program is designed to establish credentials for those individuals working in the estimating field. This certification program will give professionals a means to validate their skills and knowledge. CEP certification will distinguish you as a Certified Estimating Professional who has the knowledge and skills that impact the bottom line.

AACE's CEP certification provides an exam and experience validation that lets employers identify those who meet the program's competency standards.

Course Objectives

AACE International's Certified Estimating Professional (CEP) certification program is designed to establish credentials for those individuals working in the estimating field. This certification program will give professionals a means to validate their skills and knowledge. CEP certification will distinguish you as a Certified Estimating Professional who has the knowledge and skills that impact the bottom line.

Eligibility requirements

- ▶ 8 years industry related experience or
- ▶ 4 years industry related experience + 4-year industry related college degree
- ▶ Adherence to AACE's Canons of Ethics



Trainer:

Dr. Sean Regan

(AACE FAACE, CCP, CEP, EVP, PSP)

Certificate:

The training completion certificate will be provided by PCI.

Recommended study materials:

- ▶ AACE's CEP Certification Study Guide
- ▶ AACE's Total Cost Management Framework
- ▶ AACE's Skills & Knowledge of Cost Engineering, 6th Edition
- ▶ AACE's Recommended Practices 46R-11
- ▶ CEP Technical Paper Handbook

The course price doesn't include the recommended study materials.

Examination Structure

Post training, learners can book the exam directly with AACE (fees apply).
The exam structure is as following.

- ▶ 5 hours maximum
- ▶ 119 simple, multiple choice and compound, scenario questions
 - ▶ Domains: **Basic Estimating Knowledge, Complex Estimating Problems, and Estimating Process & Practices**
- ▶ 1 memo writing assignment with a given scenario and instructions for writing a response in an onscreen text box
- ▶ Closed Book
- ▶ Any style, battery operated calculator permitted (not provided by the testing center)

Recommended Study Materials

- ▶ AACE's Certified Estimating Professional Study Guide
- ▶ AACE's Skills & Knowledge of Cost Engineering, 6th Edition
- ▶ AACE's Total Cost Management Framework
- ▶ AACE's Recommended Practices
- ▶ AACE's CEP Examinee Format of Definitions



Syllabus & Learning Outcomes

During this course, learner will get understanding of Supporting Skills & Knowledge, General Estimating Concepts, Estimating Processes & Practices and Other Estimating Issues with the following learning outcomes


- ▶ Get an overview of the AACE CEP certification.
- ▶ Assist in corporate investment decision making.
- ▶ Analyse productivity and performance.
- ▶ Apply the estimating knowledge to specific project estimating situations.
- ▶ Develop and maintain cash flow.
- ▶ Apply the broad principles and best practices of Total Cost Management (TCM) in the planning, execution and management of projects or programs.

Intended Audience


This course is intended both for those who are interested in becoming a Certified Estimating Professional, as well as for those professionals who want to augment or brush up their cost engineering skills and knowledge. Potential course audience would be estimators, planners, schedulers, cost engineers, contract administrators, project managers, project control professionals, and all those professionals who are associated with project control.



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