

# AAACE Certified Cost Professional (CCP) Certification Preparation Course

## Course Brochure

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## 1. Course Overview

**Course:** AACE Certified Cost Professional (CCP) Certification Preparation

**Level:** Practitioner

This course prepares candidates for AACE's CCP certification and develops competency to assist in corporate investment decision making, apply statistics and probability for bidding, planning, scheduling & estimating, implement the Earned Value Management System (EVMS) for cost control and analyze the productivity & performance. In addition to various aspects of cost engineering, this course also includes the wider integration of project controls incorporating cost estimating, planning & scheduling, cost control, and risk management.

AACE's CCP certification distinguishes candidates as a professional that has the skills and knowledge that is benchmarked with international cost engineering practices. A CCP is an experienced practitioner with advanced knowledge and technical expertise to apply the broad principles and best practices of Total Cost Management (TCM) in the planning, execution and management of any organizational project or program. A mock-up exam is included at the end of the pre-recorded online course.

**Eligibility requirements:** 4-year industry-related experience plus 4-year industry-related college degree or 8-years industry related experience.

**Trainer:** Dr. Sean Regan ( AACE FAACE, CCP, CEP, EVP, PSP, MRICS Fellow Project Controls Guild)

**Certificate:** The training completion certificate will be provided by PCI.

**Recommended study materials:**

- AACE's CCP Certification Study Guide
- AACE's Total Cost Management Framework
- AACE's Skills & Knowledge of Cost Engineering, 6<sup>th</sup> Edition
- AACE's Recommended Practices 11R-88 and 10S-90
- CCP Technical Paper Handbook

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

## 2. Syllabus

Module#	Module Name
1	Introduction and AACE CCP Certification Overview
2	Cost Fundamentals
3	Cost Estimating
4	Planning and Scheduling
5	Project and Cost Control
6	Project Management
7	Economic Analysis, Statistics, Probability and Risk
	Mock-up Exam

## 3. Learning Outcomes

By the end of this course you will be able to:

1. Get an overview of the AACE CCP certification.
2. Assist in corporate investment decision making.
3. Apply statistics and probability for bidding, planning, scheduling and estimating.
4. Evaluate on an economic analysis basis, the differences between two or more alternative courses of action.
5. Implement the Earned Value Management System (EVMS) for cost control.
6. Analyze productivity and performance.
7. Apply the estimating knowledge to specific project estimating situations.
8. Develop and maintain cash flow.
9. Apply the broad principles and best practices of Total Cost Management (TCM) in the planning, execution and management of projects or programs.

#### **4. Post Course Requirements**

1. Apply for the AACE CCP exam (45 days in advance of the exam). The AACE's CCP exam fee is not included within the course price.
2. Submit a technical paper to AACE before scheduling the examination.
3. Appear for the AACE CCP computer-based exam with AACE approved center.

#### **5. Intended Audience**

This course is intended both for those who are interested in becoming a Certified Cost 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.