

PRINCIPLES OF COST ENGINEERING COURSE

PURELY ONLINE OR SEMI-FACILITATED

OVERVIEW

This 10 week course is designed to prepare participants for the AACE International's Certified Cost Professional (CCP) and Certified Cost Technician (CCT) certifications. While it covers all the necessary material for these certifications, it also includes approximately 30% additional content to provide a broader understanding of cost engineering. This makes it valuable not only for those seeking certification but also for professionals in industries such as mining, oil and gas, renewable energy, engineering, construction, and manufacturing.

Each participant receives a comprehensive set of course notes for each module. The course material also serves as a prerequisite for several other AACE certifications, including Certified Estimating Professional (CEP), Certified Forensic Claims Consultant (CFCC), Earned Value Professional (EVP), Project Risk Management Professional (PRMP), Certified Scheduling Technician (CST), and Planning & Scheduling Professional (PSP).



SYLLABUS

This course consists of 10 modules:

- **Module 1:** Overview of Project Management
- **Module 2:** Project Organizations, Stakeholders, and Teams
- **Module 3:** Quality and Value Engineering
- **Module 4:** Project Contracting and Procurement
- **Module 5:** Project Economic and Financial Analysis
- **Module 6:** Project Quality Management
- **Module 7:** Planning and Scheduling
- **Module 8:** Project Measurement and Control
- **Module 9:** Statistics and Probability
- **Module 10:** Project Risk Management

The course introduces candidates to all the information relevant to the certification exams, including study material and required administrative steps. It features multiple exercises and quizzes aimed at building the skills and knowledge necessary for the exam.

ProjectLink is an Approved Education Provider (AEP no. 161310) for AACE® International.



COURSE FORMAT & COST

This course is delivered through an online learning management system, where participants have access to course materials, including videos, quizzes, and assignments. Upon completion, a 4-hour mock exam featuring typical CCP or CCT questions will be available. Participants can choose between two course delivery formats:

1) PURELY ONLINE OPTION:

The standard course is delivered online over 10 modules, spanning ten weeks. Upon enrolment, participants are assigned a course mentor who is available for guidance throughout the course. Each module includes several quizzes, and two assignments are required to pass the course. The first assignment is released at the start of week 5, and the second at the end of week 10.

INDIVIDUAL PRICE:

R28,749 (Incl. VAT) per delegate

2) SEMI-FACILITATED OPTION:

This version of the course is also delivered online over 10 modules and ten weeks. However, it includes weekly sessions where participants can receive feedback on challenges, discuss questions, and gain additional explanations. These sessions typically last 30 minutes but may extend up to an hour if needed. Like the standard online course, each module includes quizzes, and two assignments are required to pass.

INDIVIDUAL PRICE:

R30,474 (Incl. VAT) per delegate

For corporate training, there is a separate pricing structure, with discounts available for larger groups. Please see the next page for details on these pricing structures

PREREQUISITES

Course participants are required to have the following three publications from the AACE International:

- Skills & Knowledge of Cost Engineering, 6th Edition
- CCP Certification Study Guide, 2nd Edition
- Total cost management (TCM) Framework 2nd Edition

The cost of these materials and AACE membership is not included in the course fee. However, ProjectLink can arrange to include these costs as part of the course package.

- **Course materials without AACE membership:** \$400.
- **AACE membership & course materials:** *Varies between \$400 and \$235, depending on the time of year. Membership fees fluctuate since AACE membership is based on the remaining calendar year.*

(Prices as of September 2024.)

DURATION

10 WEEKS

COURSE DELIVERY

The course allows participants to progress through the content at their own convenience within a structured 10-week timeline. Choose between purely online or semi-facilitated formats based on your needs.



CORPORATE TRAINING PRICING

PURELY ONLINE OPTION:

- R24,999 per delegate for first 2 delegates.
- R21,250 per delegate for delegates 3 to 5.
- R19,999 per delegate for delegates 6 upwards.

All quoted prices exclude VAT.

SEMI-FACILITATED OPTION:

- R26,499 per delegate for first 2 delegates.
- R22,525 per delegate for delegates 3 to 5.
- R21,199 per delegate for delegates 6 upwards.

All quoted prices exclude VAT.

COURSE EVALUATION

Participants can receive either a Certificate of Attendance or a Certificate of Competence upon successful completion.

- **Certificate of Attendance:** Awarded if all quizzes are completed and both assignments are submitted with all questions answered.
- **Certificate of Competence:** Awarded if all quizzes are completed and a score of 50% or higher is achieved on both assignments.

If the above requirements are not met, the participant will not pass the course and will have to re-do either the assignments or the entire course, depending on the criteria that were not met.

However, this does not prevent them from taking the AACE exams if they feel confident in their mastery of the material.

BENEFITS

- Gain an overview of the entire project management process and detailed coverage of core project management processes with a specific focus on managing project costs.
- Acquire advanced knowledge in project planning, scheduling, financial engineering, and earned value management to handle complex projects.
- Learn to perform conceptual and deterministic project cost estimates and to calculate and interpret financial evaluation parameters such as NPV and IRR.
- Enhance your career opportunities by preparing for the Certified Cost Professional (CCP) or Certified Cost Technician (CCT) certification.

WHO SHOULD ATTEND?

- Cost Engineers
- Quantity Surveyors
- Project Engineers
- Cost Estimators
- Cost Accountants
- Project Managers
- Project Planners
- Project Controls Managers
- Project Schedulers
- Project Accountants
- PMO Managers