



COURSE OVERVIEW PM0326-3D

Modern Methods of Engineering Project Costing Systems
Certified Cost Professional (AACE-CCP)
(AACE Exam Preparation Training)

Course Title

Modern Methods of Engineering Project Costing Systems: Certified Cost Professional (AACE-CCP) (AACE Exam Preparation Training)



Course Date/Venue

January 12-16, 2025/Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE

Course Reference

PM0326-3D



Course Duration/Credits

Three days/1.8 CEUs/18 PDHs

Course Description



This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-the-art simulators.



This course is designed to provide participants with a detailed and up-to-date overview of Cost Professional (AACE-CCP). It covers the cost elements, cost dimensions, cost classification, cost types including statistics and probabilities; the economics and financial analysis as well as physical measurements; enhancing the knowledge of leadership, organization structure and information management; the quality and value management, environmental, health and safety (EHS) and total cost management (TCP); and the strategic and asset management process, project control process elicitation and analysis.



During this interactive course, participants will learn the scope and execution strategy development, cost estimating foundations, conceptual estimates and uncertainty; costing and pricing the estimate, budgeting, documenting, resource management, value analysis and engineering and risk management; the types and components of contract, integrated project control and investment decision making; the project implementation, project control implementation, cost accounting and performance and project performance assessment; and the project and asset performance assessment and forecasting performance assessment.





Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Get prepared for the next ACCE-CCP exam and have enough knowledge and skills to pass such exam in order to get the CCP certification
- Discuss cost elements covering cost dimensions, cost classification, cost types including statistics and probabilities
- Carryout economics and financial analysis as well as physical measurements
- Enhance the knowledge of leadership, organization structure and information management
- Apply quality and value management, environmental, health and safety (EHS) and total cost management (TCP)
- Employ strategic and asset management process, project control process elicitation and analysis
- Discuss the scope and execution strategy development as well as cost estimating foundations, conceptual estimates and uncertainty
- Apply costing and pricing the estimate, budgeting, documenting, resource management, value analysis and engineering and risk management
- Identify the types and components of contract and apply integrated project control and investment decision making
- Carryout project implementation, project control implementation, cost accounting and performance and project performance assessment
- Apply project and asset performance assessment and forecasting performance assessment

Who Should Attend

This course provides an overview of all significant aspects and considerations of cost professional (AACE-CCP) for those who are part of any team that executes industrial projects. The course is aimed at cost controllers, project engineers, (cost) estimators, project managers, project cost engineers, project control professionals, contract administrators, discipline leads, members of the purchase department, members of a tendering team, work preparators and all who are involved in technical projects, cost estimation, cost control and contract review in their organization as well as those who are associated with project planning and scheduling.

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Haward Smart Training Kit” (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials, sample video clips of the instructor’s actual lectures & practical sessions during the course conveniently saved in a **Tablet PC**.




Course Certificate(s)

(1) Internationally recognized Competency Certificates and Plastic Wallet Cards will be issued to participants who completed a minimum of 80% of the total tuition hours and successfully passed the exam at the end of the course. Certificates are valid for 5 years.

Recertification is FOC for a Lifetime.


Sample of Certificates

The following are samples of the certificates that will be awarded to course participants:-



Modern Methods of Engineering Project Costing Systems: Certified Cost Professional (AAACE-CCP) (AAACE Exam Preparation Training)
 Certification Number: 74851
 Certification Date: 14-Nov-2022
 Expiration Date: 14-Nov-2027

This is to certify that **Waleed Al Habeeb** has successfully met the requirements of the **Modern Methods of Engineering Project Costing Systems: Certified Cost Professional (AAACE-CCP) (AAACE Exam Preparation Training)** Program, PM0326-IH.



Mr. Jaryl Castillo
 Mr. Jaryl Castillo
 Academic Director

Haward Technology is accredited by:


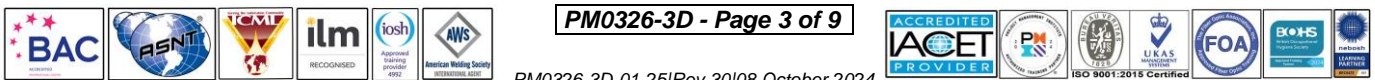
Modern Methods of Engineering Project Costing Systems: Certified Cost Professional (AAACE-CCP) (AAACE Exam Preparation Training)
 Certification Program

This program is designed to assist companies in identifying professionals who have satisfied the minimum competencies specified in PM0326-IH.

P.O. Box 26070
 Abu Dhabi, UAE
 Tel: +971 2 30 91 714
 Http://www.haward.org

74851

Haward Technology is accredited by:



- (2) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course.

* Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology *



Haward Technology Middle East
Continuing Professional Development (HTME-CPD)

CEUs

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-22

HTME No. 74851

Participant Name: Waleed Al Habeeb

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
PM0326-IH	Modern Methods of Engineering Project Costing Systems: Certified Cost Professional (AACE-CCP) (AACE Exam Preparation Training)	November 10-14, 2022	32.5	3.25

Total No. of CEU's Earned as of TOR Issuance Date

3.25

TRUE COPY



Jaryl Castillo
Academic Director

Haward Technology has been approved as an Accredited Provider by the International Association for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2018 Standard which is widely recognized as the standard of good practice internationally. As a result of their Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for programs that qualify under the ANSI/IACET 1-2018 Standard.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking Continuing Education Units (CEUs) in accordance with the rules & regulations of the International Association for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology is accredited by




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* Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology *

Certificate Accreditations

Certificates are accredited by the following international accreditation organizations: -

- 
The International Accreditors for Continuing Education and Training (IACET-USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units (CEUs)** in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **1.8 CEUs** (Continuing Education Units) or **18 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures
- 20% Practical Workshops & Work Presentations
- 30% Hands-on Practical Exercises & Case Studies
- 20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons



Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:

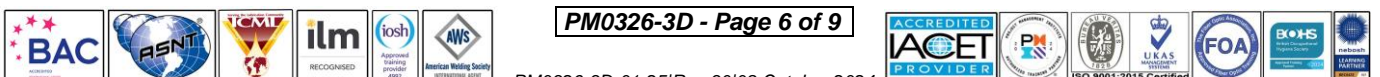


Mr. Mike Taylor, PhD (on-going), MScLI, MBA, MBL, BSc, HDE, is a **Senior Project & Finance Management Consultant** with over **25 years** of experience in **Power & Water Utilities, Other Energy** Sectors and **Financial** industries. His expertise lies extensively in the areas of **Project Quality Management, Quality Control & Site Inspection, Project Quality Plan, Construction Quality Management, Material Management & Project Turnover, Project Risk Management, Risk Identification Tools & Techniques, Project Life Cycle, Project Stakeholder & Governance, Project Management Processes, Project Integration Management, Project Management Plan, Project Work Monitoring &**

Control, Project Scope Management, Project Time Management, Project Cost Management, Project Quality Management, Quality Assurance, Project Human Resource Management, Project Communications Management, Project Planning, Scheduling & Cost Control Professional, Project Scheduling & Cost Control, Facilitation & Leadership Skills, Coaching, Human Resource Development, Psychometric Testing, Career Development & Competence, Succession Planning, Self-Development & Empowerment, Personal Learning Needs Identification, Data Quality Control, Data Quality Assessment, Data Quality Planning, Data Quality Strategy Management, Customer Management, Leadership Skills, Presentation Skills, Negotiation Skills, Decision Making Skills, Communication Skills, Emotional Intelligence, Performance Management, Contract Management, Quality Management, Commercial Strategy, Project Management, Risk Management, Leadership & Business Management, Human Resource Management, Planning, Budgeting & Cost Control, Business Development, Innovation, Sales Strategy and Knowledge & Intangible Asset Assessment Design. Further, he is also well versed in **Project Financial Data, Financial Indicators, Financial Leverage, Discounted Cash Flows, Economic Cost Analysis, Equity Profitability Analysis, Financial Modelling & Forecasting, Financial Analysis Techniques, Financial Data Analysis Concepts & Process, Credit Analysis, Financial & Accounting Management, Financial Planning Techniques, Vendor Invoice Processing & Management, Evaluating Cost & Revenue, Budgeting & Cost Control and Marketing Management.** Mr. Taylor is the **Founder & CEO** of Mitakon Innovation Pty Ltd wherein he is responsible for the development of Executives & Senior Managers specializing in innovation, knowledge management and commercial negotiation as well as authored, implemented and executed a global 21st century facilitation and leadership methodology.

During his career life, Mr. Taylor has gained his practical and field experience through his various significant positions and dedication as the **Knowledge-Solutions Service Provider, Founder-Principal/CIO, Subject Matter Expert, Consulting Partner, Executive/Management Development Facilitator, Multinational/Corporate Senior Management Consultant, Senior Quality & Finance Management Consultant, Executive Management Development/Facilitator, Business Consultant/Facilitator, Business & Quality Consultant/Coach, Client Director, Administration Manager, Quality Manager, International Sales & Business Development Executive, Regional Sales Manager, National Key Accounts Manager, Commercial Sales & Marketing Consultant, Admin Assistant, Sales & Marketing Representative, Key Note Speaker, Lecturer and Instructor/Trainer** for various international companies such as the Highland Group (Business Consulting), **Anglo American, BHP Billiton, Rio Tinto, DI Management Solutions (BPO), Master Deal Making Institute (MDMI), RMG/Contact Media & Communications, Paul Dinsdale Properties (PDP), Giant Leap Architects, Wise Capital Investments (HOD), Evolution® Advertising, Collaborative Xchange, Leatt Corporation, Dentsply SA, FMCG/Binzagr Company, Unilever, Kellogg's, BAT, Hershey's, CORO, Lilly Direct/Lennon Generics and Bausch & Lomb.**

Mr. Taylor has **Master's** degree in **Leadership & Innovation, Business Administration** and **Business Leadership** as well as a **Bachelor** degree in **Physical Education** and pursuing **PhD** in **Global Governance & Energy Policy.** Further, he is a **Certified Instructor/Trainer, Certified Internal Verifier/Trainer/Assessor** by the **Institute of Leadership & Management (ILM)** and a member of Incremental Advantage, Da Vinci Institute, Black Management Forum, Institute of Directors (IOD), World Future Society (WFS), Social Science Research Network, University of Kwazulu Natal (Alumnus), Anthropology & Archaeology Research Network and National Research Foundation (NRF). He has further delivered numerous trainings, courses, workshops, seminars and conferences globally.





Exam Eligibility & Structure

Eligibility Requirements	Recommended Study Materials
8 years industry related experience or 4 years industry related experience + 4- year industry related college degree 2,500 minimum word technical paper Adherence to AACE's Canons of Ethics	<ul style="list-style-type: none"> • CCP Review Course • CCP Technical Paper Handbook • AACE's CCP Certification Study Guide • AACE's Recommended Practices 11R-88 and 10S-90 • AACE's Skills and Knowledge of Cost Engineering, 6th Edition • AACE's Total Cost Management Framework

Course Fee

US\$ 3,750 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Program

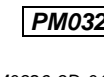
The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: Sunday, 12th of April 2025

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Elements of Costs Cost Dimensions • Cost Classifications
0930 – 0945	Break
0945 – 1040	Elements of Costs (cont'd) Cost Types • Pricing
1040 – 1135	Elements of Analysis Statistics & Probabilities • Economics & Financial Analysis
1135 - 1230	Elements of Analysis (cont'd) Physical Measurements
1230 – 1245	Break
1245 – 1330	Enabling Knowledge Part A Leadership • Part B Organization Structure
1330 - 1420	Enabling Knowledge (cont'd) Information Management • Quality Management
1420 – 1430	Recap
1430	Lunch & End of Day One

Day 2: Monday, 13th of April 2025

0730 – 0830	Enabling Knowledge (cont'd) Value Management • Environmental, Health & Safety (EHS)
0830 - 0930	Total Cost Management (TCM) Process Overall TCM Process & Terminology • Strategic & Asset Management Process • Project Control Process
0930 – 0945	Break





0945 – 1040	Planning <i>Requirements Elicitation & Analysis • Scope & Execution Strategy Development • Part A: Schedule Planning • Part B: Schedule Development</i>
1040 – 1135	Planning (cont'd) <i>Part C Other Schedule Topics • Part A: Cost Estimation Foundations • Part B: Conceptual Estimates • Part C: Uncertainty</i>
1135 - 1230	Planning (cont'd) <i>Part D: Costing & Pricing the Estimate • Part E: Budgeting & Documenting the Estimate • Resource Management • Value Analysis & Engineering</i>
1230 – 1245	<i>Break</i>
1245 – 1330	Planning (cont'd) <i>Risk Management • Part A: Contract Types & Components • Part B Integrated Project Control • Investment Decision Making</i>
1330 - 1420	Plan Implementation <i>Project Implementation</i>
1420 – 1430	Recap
1430	<i>Lunch & End of Day Two</i>

Day 3: Tuesday, 14th of April 2025

0730 – 0830	Plan Implementation (cont'd) <i>Project Control Implementation</i>
0830 - 0930	Performance Measurement <i>Cost Accounting</i>
0930 – 0945	<i>Break</i>
0945 – 1040	Performance Measurement (cont'd) <i>Part A: Performance Measurement</i>
1040 – 1135	Performance Measurement (cont'd) <i>Part B: Project Performance Measurement</i>
1135 - 1230	Performance Assessment <i>Project Performance Assessment</i>
1200 – 1215	<i>Break</i>
1215 – 1230	Performance Assessment (cont'd) <i>Asset Performance Measurement</i>
1230 - 1300	Performance Assessment (cont'd) <i>Forecasting</i>
1300 – 1315	Course Conclusion
1315 – 1415	COMPETENCY EXAM
1415 – 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>



Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using the “Mindview Software” and “Raidlog Simulator”.

The screenshot displays the Mindview Software interface. At the top, a mind map titled 'Problem Solving' is shown with various nodes like 'Assessment', 'Planning', 'Measurement', and 'Monitoring'. Below the mind map, a Microsoft Word document is open, showing a template for 'PROBLEM SOLVING' with sections for 'Planning', 'Measurement', and 'Analysis'. The text 'Mind map' and 'Word' are overlaid on the respective parts of the image.

Mindview Software

The screenshot shows the RAIDlog Simulator interface. It features a 'FREE RAID Log Template + RAID Analysis' window. The main content includes a 'RAID ANALYSIS' table with columns for Risks, Assumptions, Issues, and Dependencies, and a 'RAID LOG' table with columns for ID, Title, Description, Type, Classification, and Comments. The 'PM-TRAINING' logo is visible on the right side.

Raidlog Simulator

Course Coordinator

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