

COURSE OVERVIEW PM0223-3D
Project Cost Estimating Skills: Planning for Performance Excellence

Course Title

Project Cost Estimating Skills: Planning for Performance Excellence

Course Date/Venue

Session 1: July 26-28, 2026/Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE

Session 2: November 22-24, 2026/Sur Meeting Room, Royal Tulip Muscat, Muscat, Oman



H-STK[®] INCLUDED

Course Reference

PM0223-3D



Course Duration/Credits

Three days/1.8 CEUs/18 PDHs

Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.



This course is designed to provide participants with a detailed and up-to-date overview of project cost estimation. It covers the cost estimation of petroleum projects, project life cycle and the applied approaches for practicing the cost estimation; the models for cost estimation and the standards for project cost estimation; the WBS and WBS dictionary and analogous estimating; and the resource cost rates, bottom-up estimating and parametric estimating.



During this interactive course, participants will learn the use of pertmaster to handle risk in cost estimation and practicing estimation approach; the estimation threshold for the project and activity cost estimates; the risk evaluation and contingency determination; and the estimate documentation, estimate reconciliation and estimate reporting.

Course Objectives/Outcomes & Benefits for the Participants

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

- Apply and gain an in-depth knowledge on project cost estimation
- Discuss cost estimation of petroleum projects, project life cycle and the applied approaches for practicing the cost estimation
- Illustrate models for cost estimation and the standards for project cost estimation
- Review WBS and WBS dictionary and carryout analogous estimating
- Determine resource cost rates and apply bottom-up estimating and parametric estimating
- Use pertmaster to handle risk in cost estimation and practice estimation approach
- Define the estimation threshold for the project and activity cost estimates
- Carryout risk evaluation and contingency determination, estimate documentation, estimate reconciliation and estimate reporting

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 conveniently saved in a **Tablet PC**.

Who Should Attend

This course provides an overview of all significant aspects and considerations of project cost estimation for managers and engineers in projects, planning, engineering, estimation, tendering, contracts and maintenance departments and sections.

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.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Course Certificate(s)


Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations: -

-  British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). 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.

-  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.

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 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. Eric Horne, MBA, PMP, HNDPM, NDOWS, T3 (Mech), is a **Senior Management Consultant** with over **30 years** of training and industrial experience. His expertise lies extensively in the areas of **Data Quality Control, Data Quality Assessment, Data Quality Planning, Data Quality Strategy Management, Data Modelling, Root Cause Analysis & Solution Development, Driving Performance, Performance Measurement, Performance Goal Implementation, Contracts, Operations, Production, Finance and Supply Chain Management**. Further, Mr. Horne is an expert in **Leadership Management; Communications Management; Interpersonal, Teamwork & Team Management; Adaptability & Learning, Marketing Management; Customer Care Management; Account Development Strategy & Time Management; Facilitation & Business Presentation Management; Warehouse & Logistics Management; Data & Record Management; Managerial Economics; Marketing Management; Value Engineering; Change Management; Planning, Budgeting & Cost Control; Re-Engineering & Risk Management; Production Planning & Control; and Service Level Agreements (SLA)**. He is also well-versed in Business Law, Labour Law, Strategy Formulation, Resource Allocation, Continuous Improvement and Productivity Improvement. He is currently the **Project & Training Manager** of **BHP Billiton** wherein he is responsible for the complete project life cycle including **initiating, planning, executing, monitoring & controlling and closing** as well as developing and presenting of various trainings within their organization.

Mr. Horne has worked for many blue chip companies such as **BHP Billiton, Eskom, Telecast Engineering, Adcorp, 3M** and many more wherein he gained technical and broad experience in all facets of well-renowned large companies in various industries. His work started on the shop floor as a Work Study Officer, **Industrial Engineer**, Senior Work Study Officer, **Lecturer, Project Engineer** and rising up to managerial positions like **Project Manager, Contracts Manager, Marketing Manager, National Marketing & Training Manager, Change Manager, Regional Manager and Project & Training Manager**.

Mr. Horne has a **Master** degree in **Business Administration**, a **Higher National Diploma** in **Production Management** and a **National Diploma** in **Organisation & Work Study**. Further, he is a **Certified Instructor/Trainer**, a **Certified T3 in Mechanical Engineering**, a **Certified PMI Risk Management Professional (PMI-RMP)**, a **Certified Project Manager Professional (PMP)**, a **Qualified Assessor at SETA** and a **Certified Trainer/Assessor** by the **Institute of Leadership & Management (ILM)**. He has further delivered numerous trainings, courses, workshops and conferences worldwide.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

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

0800 - 0830	<i>Registration & Coffee</i>
0830 - 0845	<i>Welcome & Introduction</i>
0845 - 0900	PRE-TEST
0900 - 0930	<i>Introduction to Cost Estimation of Petroleum Projects</i>
0930 - 0945	<i>Break</i>
0945 - 1100	<i>Cost Estimating & the Project Life Cycle</i>
1100 - 1130	<i>The Applied Approaches for Practicing the Cost Estimation</i>
1130 - 1200	<i>Models for Cost Estimation</i>
1200 - 1215	<i>Break</i>
1215 - 1300	<i>Standards for Project Cost Estimation</i>
1300 - 1350	<i>WBS & WBS Dictionary</i>
1350 - 1400	<i>Recap</i>
1400	<i>Lunch & End of Day One</i>

Day 2

0800 - 0830	<i>Analogous Estimating</i>
0830 - 0930	<i>Determine Resource Cost Rates</i>
0930 - 0945	<i>Break</i>
0945 - 1100	<i>Bottom-up Estimating</i>
1100 - 1130	<i>Parametric Estimating</i>
1130 - 1200	<i>Using Pertmaster to Handle Risk in Cost Estimation</i>
1200 - 1215	<i>Break</i>
1215 - 1350	<i>Practicing Estimation Approach</i>
1350 - 1400	<i>Recap</i>
1400	<i>Lunch & End of Day Two</i>

Day 3

0800 - 0830	<i>Define the Estimation Threshold for the Project</i>
0830 - 0930	<i>Activity Cost Estimates</i>
0930 - 0945	<i>Break</i>
0945 - 1100	<i>Risk Evaluation & Contingency Determination</i>
1100 - 1130	<i>Estimate Documentation</i>
1130 - 1200	<i>Estimate Reconciliation</i>
1200 - 1215	<i>Break</i>
1215 - 1330	<i>Estimate Reporting</i>
1330 - 1345	<i>Course Conclusion</i>
1345 - 1400	POST-TEST
1400	<i>Lunch & End of Course</i>

Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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