

COURSE OVERVIEW HE1887

Certificate in Sustainability Management

Course Title

Certificate in Sustainability Management

Course Date/Venue

Session 1: April 27-May 01, 2025/Meeting Plus 9, City Centre Rotana, Doha, Qatar

Session 2: September 21-25, 2025/Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE



Course Reference

HE1887

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



Course Objectives



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 Sustainability Management. It covers the core principles of sustainability as they apply to energy, water and other resources; the current regulations and compliance requirements and exploring strategies for incorporating renewable energy sources into distribution systems; measure carbon footprint of utility operations and conduct a preliminary sustainability assessment for a utility company; advanced practices in water management and conservation implement energy efficiency measures including smart technologies;



Further, the course will also discuss the demand response strategies in energy distribution, circular economy concepts to resource and waste management; examining real-world examples of successful energy and water management and develop a water conservation plan; utilizing data analytics in sustainability and use techniques for analyzing sustainability-related data; the life cycle assessment (LCA) to evaluate the environmental impact of utility systems and using strategies for engaging communities, customers and regulatory bodies; the effective reporting mechanisms for sustainability performance, perform a life cycle assessment and address common obstacles and solutions.

During this interactive course, participants will learn the effects of climate change on utility distribution and develop strategies to adapt to climate-related challenges; implementing sustainable practices in sourcing and procurement and exploring emerging technologies and trends in sustainability; the new technologies and approaches in innovation utility sustainability; balancing environmental goals with economic viability and ESG reporting practices, techniques for effective environmental, social and governance reporting; enhancing teamwork across environmental, engineering and financial departments; and developing a comprehensive sustainability strategy.

Course Objectives

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

- Apply and gain an in-depth knowledge on sustainability management and its relevance in the utilities industry
- Identify the core principles of sustainability as they apply to energy, water and other resources
- Discuss the current regulations and compliance requirements and explore strategies for incorporating renewable energy sources into distribution systems
- Recognize and measure carbon footprint of utility operations and conduct a preliminary sustainability assessment for a utility company
- Carryout advanced practices in water management and conservation implement energy efficiency measures including smart technologies
- Discuss and apply demand response strategies in energy distribution including circular economy concepts to resource and waste management
- Examine real-world examples of successful energy and water management and develop a water conservation plan
- Utilize data analytics in sustainability and use techniques for analyzing sustainability-related data
- Apply life cycle assessment (LCA) to evaluate the environmental impact of utility systems and use strategies for engaging communities, customers and regulatory bodies
- Develop effective reporting mechanisms for sustainability performance, perform a life cycle assessment and address common obstacles and solutions
- Identify the effects of climate change on utility distribution and develop strategies to adapt to climate-related challenges
- Implement sustainable practices in sourcing and procurement and explore emerging technologies and trends in sustainability
- Discuss new technologies and approaches in innovation utility sustainability
- Balance environmental goals with economic viability and apply ESG reporting practices including techniques for effective environmental, social and governance reporting
- Enhance teamwork across environmental, engineering and financial departments and develop a comprehensive sustainability strategy

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 sustainability management for sustainability managers, environmental managers, corporate social responsibility (CSR) professionals, business leaders and executives, supply chain managers, facility managers, policy makers, energy managers, compliance officers, environmental consultants, project managers, social entrepreneurs, nonprofit and NGO professionals and those who are interested in or responsible for incorporating sustainability principles into their organization's operations.

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 Fee

Doha	US\$ 6,000 per Delegate. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Dubai	US\$ 5,500 per Delegate + VAT . This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation

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

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.

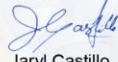
Recertification is FOC for a Lifetime.

Sample of Certificates

The following are samples of the certificates that will be awarded to course partici



- (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 Middle East Continuing Professional Development (HTME-CPD)				
CEU Official Transcript of Records				
TOR Issuance Date:		14-Nov-24		
HTME No.		74851		
Participant Name:		Waleed Al Habeeb		
Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE1887	Certificate in Sustainability Management	Nov 10-14, 2024	30	3.0
Total No. of CEU's Earned as of TOR Issuance Date				3.0
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				
				
P.O. Box 26070, Abu Dhabi, United Arab Emirates Tel.: +971 2 3091 714 E-mail: info@haward.org Website: www.haward.org				

Certificate Accreditations

Certificates are accredited by the following international accreditation organizations:

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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.
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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 **3.0 CEUs** (Continuing Education Units) or **30 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 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. Raymond Tegman is a **Senior HSE Consultant** with extensive experience within the **Oil & Gas, Petrochemical and Refinery** industries. His broad expertise widely covers in the areas of **Rigging Safety Rules, Machinery & Hydraulic Lifting Equipment, Handling Hazardous Chemicals, Spill Containment, Fire Protection, Fire Precautions, Incidents & Accidents Reporting, HSEQ Audits & Inspection, HSEQ Procedures, Environmental Awareness, Waste Management Monitoring, Emergency Planning, Emergency Management, Working at Heights, Root Cause Analysis, HSE Rules & Regulations, Process Safety Management (PSM), Process Hazard Analysis (PHA), Techniques, Sustainability Management, HAZOP, HSE Risk, Pre-Start-up Safety Reviews, HSE Risk Identification, Assessments & Audit, HSE Risk Assessment & Management Concepts, HSE Management Policy & Standards, HSSE Emergency Response & Crisis Management Operations, Confined Space Entry, Quantitative Risk Assessment (QRA), Hazardous Materials & Chemicals Handling, Safety Precaution & Response Action Plan, Hazard & Risk Assessment, Task Risk Assessment (TRA), Incident Command, Accident & Incident Investigation, Emergency Response Procedures, Job Safety Analysis (JSA), Behavioural Based Safety (BBS), Fall Protection, Work Permit & First Aid, Lock-out/Tag-out (LOTO), Emergency Response, Construction Supervision, Scaffolding Inspection, HAZCHEM, Manual Material Handling, Road Traffic Supervision, ISO 9001 and OHSAS 18001.**

During his career life, Mr. Tegman has gained his practical and field experience through his various significant positions and dedication as the **Operations Manager, Safety & Maintenance Manager, Safety Manager, Road/Traffic Supervisor, Assessor/Moderator, Safety Consultant, Safety Advisor, Safety Officer and Liaison Officer** from Zero Harm, SHRA Training & Services (Health & Safety), Road Crete, Balwin Property Development, DEME International, Gladstone Australia, Godavari Gas Pipeline and New Castle NCIG.

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

0730 – 0800	<i>Registration & Coffee</i>
0800 – 0815	<i>Welcome & Introduction</i>
0815 – 0830	PRE-TEST
0830 – 0900	<i>Introduction to Sustainability Management: Overview of the Course & Its Relevance in the Utilities Industry</i>
0900 – 0930	<i>Principles of Sustainability in Utilities Distribution: Understanding the Core Principles of Sustainability as They Apply to Energy, Water & Other Resources</i>
0930 – 0945	<i>Break</i>

0945 – 1130	Regulatory Landscape for Sustainability: Overview of Current Regulations & Compliance Requirements
1130 – 1230	Renewable Energy Integration: Exploring Strategies for Incorporating Renewable Energy Sources into Distribution Systems
1230 – 1245	Break
1245 – 1320	Carbon Footprint Analysis in Utilities: Understanding & Measuring the Carbon Footprint of Utility Operations
1350 – 1420	Workshop: Sustainability Self-Assessment: Conducting a Preliminary Sustainability Assessment for a Utility Company
1420 – 1430	Recap
1430	Lunch & End of Day One

Day 2

0730 – 0830	Water Conservation Techniques: Advanced Practices in Water Management & Conservation
0830 – 0930	Energy Efficiency Optimization in Utilities: Implementing Energy Efficiency Measures, Including Smart Technologies
0930 – 0945	Break
0945 – 1130	Demand Response Programs: Understanding & Applying Demand Response Strategies in Energy Distribution
1130 – 1230	Circular Economy in Utilities: Applying Circular Economy Concepts to Resource & Waste Management
1230 – 1245	Break
1245 – 1330	Case Study Analysis: Examining Real-World Examples of Successful Energy & Water Management
1330 – 1420	Interactive Session: Developing a Water Conservation Plan: Group Exercise in Crafting Water Management Strategies
1420 – 1430	Recap
1430	Lunch & End of Day Two

Day 3

0730 – 0830	Utilizing Data Analytics in Sustainability: Techniques for Analyzing Sustainability-Related Data
0830 – 0930	Life Cycle Assessment (LCA) Methodologies: Applying LCA To Evaluate the Environmental Impact of Utility Systems
0930 – 0945	Break
0945 – 1130	Stakeholder Engagement for Sustainable Initiatives: Strategies for Engaging Communities, Customers & Regulatory Bodies
1130 – 1230	Sustainability Reporting & KPIs: Developing Effective Reporting Mechanisms for Sustainability Performance
1230 – 1245	Break
1245 – 1330	Workshop: Conducting an LCA: Hands-On Session on Performing a Life Cycle Assessment
1330 – 1420	Group Discussion: Challenges in Data Analytics for Sustainability: Addressing Common Obstacles & Solutions
1420 – 1430	Recap
1430	Lunch & End of Day Three

Day 4

0730 – 0830	Climate Change Impacts on Utilities: Understanding the Effects of Climate Change on Utility Distribution
0830 – 0930	Resilience Planning for Utilities: Developing Strategies to Adapt to Climate-Related Challenges
0930 – 0945	Break
0945 – 1130	Sustainable Supply Chain Management: Implementing Sustainable Practices in Sourcing & Procurement
1130 – 1230	Innovations in Sustainability Management: Exploring Emerging Technologies & Trends in Sustainability
1230 – 1245	Break
1245 – 1330	Simulation: Resilience Planning Exercise: Practical Scenario-Based Resilience Planning Activity
1330 – 1420	Panel Discussion: Innovation in Utility Sustainability: Discussing New Technologies & Approaches
1420 – 1430	Recap
1430	Lunch & End of Day Four

Day 5

0700 – 0830	Financial Considerations in Sustainability: Balancing Environmental Goals with Economic Viability
0830 – 0930	Advanced ESG Reporting Practices: Techniques for Effective Environmental, Social, & Governance Reporting
0930 – 0945	Break
0945 – 1100	Cross-Functional Team Collaboration: Enhancing Teamwork Across Environmental, Engineering, & Financial Departments
1100 – 1230	Final Workshop: Integrating Sustainability into Business Strategy: Developing a Comprehensive Sustainability Strategy
1230 – 1245	Break
1245 – 1300	Course Review & Feedback Session: Recap of Key Learnings & Participant Feedback
1300 – 1315	Course Conclusion
1315 – 1415	COMPETENCY EXAM
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course

Practical Sessions

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



Course Coordinator

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