Haward Technology Middle East

Security Risk Assessment & Management

Course Title
Security Risk Assessment & Management

Course Date/Venue
February 02- 06, 2025/The Kooh Al Noor Meeting Room, The H Dubai Hotel, Sheikh Zayed Rd, Trade Centre, Dubai, UAE

Course Reference
HE1354

Course Duration/Credits
Five days/3.0 CEUs/30 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 Security Risk Assessment & Management. It covers the types, purpose and importance of security risk assessment; the potential threats, assess vulnerabilities and risk analysis; the threat modeling and assessing and mitigating physical security risks; the cyber security and personal security and security risk management; the emergency response planning, business continuity planning and security policies and procedures; the compliance and regulation requirements; and developing a compliance program and monitoring and audit compliance.

During this interactive course, participants will learn the communication strategies, stakeholder management and developing a security risk communication plan; the risk treatment measures and risk assessment tools and techniques; gathering, analyzing and utilizing threat intelligence and developing a security awareness training program; developing risk reporting and metrics; and analyzing and interpreting risk data and improving security risk management using risk reporting and metrics.

Course Objectives

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

- Apply and gain an in-depth knowledge on security risk assessment and management

- Discuss the types, purpose and importance of security risk assessment

- Identify potential threats, assess vulnerabilities and apply risk analysis

- Illustrate threat modeling and assess and mitigate physical security risks

- Identify cyber security and personal security as well as apply security risk management

- Employ emergency response planning, business continuity planning and security policies and procedures

- Implement compliance and regulation requirements, develop a compliance program and monitor and audit compliance

- Carryout communication strategies, stakeholder management and developing a security risk communication plan

- Monitor and review risk treatment measures and apply risk assessment tools and techniques

- Gather, analyze and utilize threat intelligence as well as develop a security awareness training program

- Develop risk reporting and metrics, analyze and interpret risk data and improve security risk management using risk reporting and metrics

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 security risk assessment and management for security managers, superintendents, shift superintendents, supervisors and technical representatives including similar management levels of the other organizations and entities that interface with security functions. Senior employees, security directors, loss prevention & risk managers, consultants, facility operators and security personnel responsible for the industrial security and assets protection will also benefit from this course.

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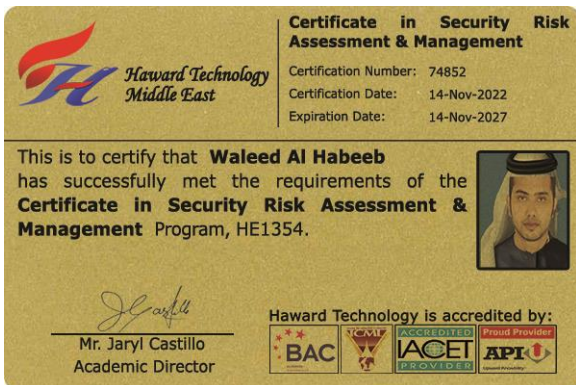
(2) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course

Haward Technology Middle East

Continuing Professional Development (HTME-CPD)

CEU Official Transcript of Records

TOR Issuance Date:	14-Nov-22
HTME No.	74852
Participant Name:	Waleed Al Habeeb

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE1354	Certificate in Security Risk Assessment & Management	November 10-14, 2022	20	2.0

Total No. of CEU's Earned as of TOR Issuance Date — 2.0

TRUE COPY

Jaryl Castillo
Academic Director

Haward Technology has been approved as an Authorized 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 1-2013 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 1-2013 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: -

- **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.

- **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.

Accommodation

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

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. Saad Bedir, BSc, NEBOSH-IGC, NEBOSH-ENV, is a **Senior Fire**, **Health**, **Safety & Environment** (**HSE**) **Consultant** with over **35 years** of extensive experience in the **Power**, **Petrochemical** and **Oil & Gas** industries. He is a **NEBOSH Approved Instructor** for various certification programs. He is well-versed in the areas of **NEBOSH** International General Certificate, **NEBOSH** Certificate in Environmental Management, Health, **Fire**, Safety, Security & Environmental Codes of Practice, Legislations and Procedures, **Security Operations Management**, **Security** Investigations & Criminal Evidence, **Security Risk Assessment**, Supervising **Security** Operation Team, Industrial **Security** & Asset Protection, **Active** and **Positive Fire Fighting**, **Fire & Gas Detection Systems**, **Fire Fighting Systems**, **Fire Proofing**, **ESD**, Escape Routes, Mobile Crane Operation, Heavy Lifting Equipments, Scaffolding, Rigging Slinging, the implementation of **OHSAS 18001**, **ISO 9001**, **ISO 14001**, **QHSE** Management Planning, Crisis & Business Continuity Management Planning, **Emergency Response & Procedures**, Industrial Security Risk Assessment & Management, Environmental Impact Assessment (**EIA**), **Behavioural Safety**, **Occupation Safety**, **Incident & Accident Investigation**, Integrated EHS Aspects, Risk Assessment & Hazard Identification, Environmental Audits, **Chemical Handling**, Hazardous & Non-Hazardous Waste Management, Confined Space Safety, **SHEMS** Principles, Process Safety, Basic & Advanced Construction Safety, **Mobile Crane Operations**, **Rig & Barge Inspection**, **Lifting & Slinging**, **Scaffolding**, Air Quality Management, Safety & Occupational Health Awareness, Loss Control , Marine Pollution Hazards & Control, Ground Contamination & Reclamation Processes, Waste Management & Recycling, Clean Energy & Power Saving, **FMEA**, **HAZMAT**/**HAZCOM**, **HAZOP**, **HAZWOPER**, **HAZID**, **HSEIA**, **QRA**, Hazardous Area Classification and **Radiation Protection**. Further, he is also well-verse in **Performance Standards**, **Statistical Report Writing**, Basic **Motivation Management**, **Performance Assessment & Appraisal**, **Manpower Planning**, **Managing & Coordinating Training**, **Strategic Talent Management**, **Developing Others**, **Managing Employees Performance**, **Performance Evaluation** and **Human Resource Management**. Presently, he is the **HSE Director** for one of the largest and renowned companies in the Middle East, wherein he takes charge of all HSE and security operations of the company.

Mr. Saad's vast professional experience in directing and managing health, safety and the environment aspects as per **OSHA framework** and guidelines can be traced back to his stint with a few international companies like **Saudi ARAMCO**, **CONOCO**, **Kuwait Oil Co.** (**KOC**), where he worked as the Field HSE Senior Engineer handling major projects and activities related to the discipline. Through these, Saad gained much experience and knowledge in the implementation and maintenance of international safety standards such as the National Fire Protection Association (**NFPA**), the American Petroleum Institute (**API**), Safety of Life at Sea (**SOLAS**) and Safety for Mobile Offshore Drilling Unit (**MODU**).

Mr. Saad has **NEBOSH** certificate which includes health & safety measures including:
- Fire fighting management system
- Rescue mechanisms (Escaping routes, Rope rescue, and emergency evacuation Plan)
- Machinery Safety requirement
- Occupational health measures & requirement

Mr. Saad has a **Bachelor's** degree in **Chemistry**. Further, he is a **Certified Instructor/Trainer**, an **Approved Tutor** in **NEBOSH International General Certificate**, an **Approved Tutor** in **NEBOSH Certificate** in **Environmental Management**, a **Certified Lead Auditor** for **OHSAS 18001**, **ISO 9001**, **ISO 14001** and a **member** of the **Egyptian Syndicate** & **Scientific Professions**. His passion for development and acquiring new skills and knowledge has taken him all over the Middle East to attend and share his expertise in numerous trainings and workshops.

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
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.

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, 02nd of February 2025**

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	**PRE-TEST**
0830 – 0930	**Introduction to Security Risk Assessment** *Definition of Security Risk Assessment • Types of Security Risks • Purpose of Security Risk Assessment • Importance of Security Risk Assessment*
0930 – 0945	*Break*
0945 – 1100	**Threats & Vulnerabilities** *Types of Threats • Common Vulnerabilities • Identification of Potential Threats • Assessment of Vulnerabilities*
1100 – 1230	**Risk Analysis** *Risk Analysis Process • Risk Assessment Methodologies • Quantitative and Qualitative Risk Analysis • Risk Matrix and Scoring*
1230 – 1245	*Break*
1245 – 1420	**Threat Modeling** *Definition of Threat Modeling • Types of Threat Modeling • Steps Involved in Threat Modeling • Examples of Threat Modeling Techniques*
1420 – 1430	**Recap** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2:   **Monday, 03ʳᵈ of February 2025**

0730 – 0930	**Physical Security** *Definition of Physical Security • Types of Physical Security Threats • Assessing Physical Security Risks • Mitigating Physical Security Risks*
0930 – 0945	*Break*
0945 – 1100	**Cybersecurity** *Definition of Cybersecurity • Types of Cyber Threats • Assessing Cybersecurity Risks • Mitigating Cybersecurity Risks*
1100 – 1230	**Personnel Security** *Definition of Personal Security • Types of Personnel Security Threats • Assessing Personal Security Risks • Mitigating Personnel Security Risks*
1230 – 1245	*Break*
1245 – 1420	**Security Risk Management** *Definition of Security Risk Management • Elements of Security Risk Management • Risk Management Strategies • Developing a Security Risk Management Plan*
1420 – 1430	**Recap** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Two*

Day 3:   **Tuesday, 04ᵗʰ of February 2025**

0730 – 0930	**Emergency Response Planning** *Definition of Emergency Response Planning • Elements of Emergency Response Planning • Emergency Response Procedures • Developing an Emergency Response Plan*
0930 – 0945	*Break*
0945 – 1100	**Business Continuity Planning** *Definition of Business Continuity Planning • Elements of Business Continuity Planning • Developing a Business Continuity Plan • Testing and Updating the Business Continuity Plan*
1100 – 1230	**Security Policies & Procedures** *Definition of Security Policies & Procedures • Elements of Security Policies & Procedures • Developing Security Policies and Procedures • Implementing and Enforcing Security Policies and Procedures*
1230 – 1245	*Break*
1245 – 1420	**Compliance & Regulations** *Compliance and Regulation Requirements • Developing a Compliance Program • Monitoring and Auditing Compliance*
1420 – 1430	**Recap** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Three*

Day 4:   *Wednesday, 05th of February 2025*

0730 – 0930	*Security Risk Communication* *Definition of Security Risk Communication • Communication Strategies • Stakeholder Management • Developing a Security Risk Communication Plan*
0930 – 0945	*Break*
0945 – 1100	*Risk Treatment* *Definition of Risk Treatment • Risk Treatment Options • Implementing Risk Treatment Measures • Monitoring and Reviewing Risk Treatment Measures*
1100 – 1230	*Risk Assessment Tools & Techniques* *Pros and Cons of Different Tools and Techniques • Selecting the Right Tool for the Job • Conducting a Risk Assessment Using Selected Tools and Techniques*
1230 – 1245	*Break*
1245 – 1420	*Threat Intelligence* *Definition of Threat Intelligence • Gathering Threat Intelligence • Analyzing threat Intelligence • Utilizing Threat Intelligence*
1420 – 1430	*Recap* *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Four*

Day 5:   *Thursday, 06th of February 2025*

0730 – 0930	*Security Awareness & Training* *Definition of Security Awareness and Training • Elements of Security Awareness and Training*
0930 – 0945	*Break*
0945 – 1100	*Security Awareness & Training (cont'd)* *Developing a Security Awareness Training Program • Implementing and Evaluating Security Awareness and Training Programs*
1100 – 1230	*Risk Reporting & Metrics* *Definition of Risk Reporting and Metrics • Developing Risk Reporting and Metrics • Analyzing and Interpreting Risk Data • Using Risk Reporting and Metrics to Improve Security Risk Management*
1230 – 1245	*Break*
1245 – 1300	*Case Studies in Security Risk Assessment & Management* *Review of Case Studies in Security Risk Assessment and Management • Analysis of Risk Management Strategies Used in Case Studies • Lessons Learned from Case Studies*
1300 – 1315	*Course Conclusion* *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
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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