

**COURSE OVERVIEW HE1354**

**Certificate in Security Risk Assessment & Management**

**Course Title**

Certificate in Security Risk Assessment & Management

**Course Reference**

HE1354

**Course Duration/Credits**

Five days/3.0 CEUs/30 PDHs

**Course Date/Venue**

Session(s)	Date	Venue
1	July 07-11, 2024	Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE
2	October 06-10, 2024	
3	December 08-12, 2024	



**Course Description**

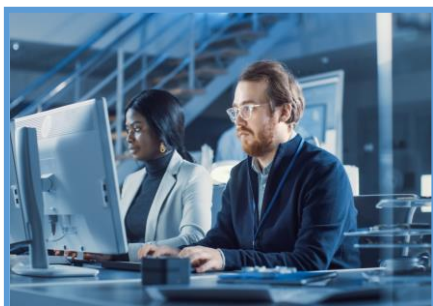


***This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-the-art simulators.***

This course is designed to provide participants with a detailed and up-to-date overview of 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 “Howard 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**.

## 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.

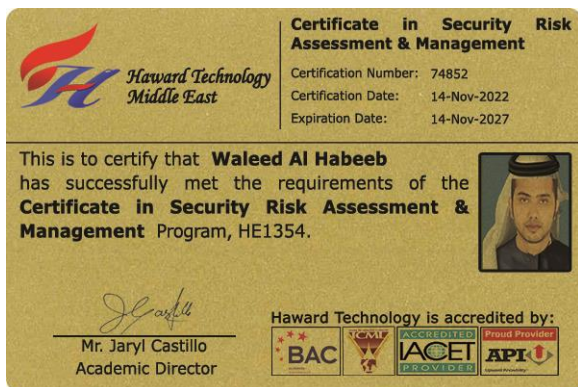
**Course Certificate(s)**

- (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 \* CEUs \* Haward Technology \* CEUs \* Haward Technology \* CEUs \* Haward Technology \*

## Haward Technology Middle East

Continuing Professional Development (HTME-CPD)

### CEU Official Transcript of Records

CEUs

**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

\* 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 **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.

## 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.

## 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. Paul Hagarty, MSc, BSc, is an International Expert in Safety & Security with over 25 years of practical and industrial experience. His expertise includes Safety Auditing, Hazard Identification & Site Inspection, HAZMAT, HAZCOM, HAZWOPER, Emergency Response Management, Risk Assessment, Occupational Health, Safety and Environment (OHSE), Human Factors Engineering, Industrial Hygiene, Environmental Management and PPE, Confined Space Safety, Gas Testing, Accident Investigation and Reporting, Infection Control, Emergency Preparedness, First Aid & CPR, Environmental Awareness, Radiation Protection, NORM, Asbestos, Chemical Spills, Safety Precautions & Response Action, Environmental Spill Incident Report and Environmental Auditing. Further, he is well-versed in Industrial Toxicology, Industrial Noise Management, RCRA, Air Quality Management, Water Quality Management, Industrial Hygiene Measurements, Respiratory Protection, Air Force Training, Environmental Management Systems Auditing, Radiological Hazards, Environmental Quality Sampling, Hazard Analysis & Control, Medical Nuclear, Biological, & Chemical Operations, Storm-water Compliance, Ergonomics, DHS Nuclear/Radiological Hazardous Materials, Bioenvironmental Engineering, Waste and Waste Water, Aero-Medical Operations, Risk Assessments and Job Safety Analysis (JSA).**

Mr. Hagarty is currently the **Aerospace Medicine Squadron Superintendent** of the **US Air Force, USA** wherein his responsibilities includes **Emergency Management**, Project Management, Human Health Risk Assessment, Food Risk Analysis, International Environmental Policy, Technical Accounting, Production Operations and Vulnerability/Threat Assessment, Stress Management, Military Hospital Management, Joint Logistics Concept (**JLC**), Integrated Contingency Planning (**ICP**) and Laboratory Environmental Analysis.

With his accomplishments and achievements, he had been the **HSE Manager** (NATO, Germany), **Aero Medical Coordinator** (NATO, ISAF), **Non-Commission Officer In-Charge (AFIOH, USA)**, **Industrial Hygiene Measurements Course Supervisor** (US Air Force, USA), **Bioenvironmental Engineering Flight Officer in Charge** (Prince Sultan Air Base, KSA), **Environmental Management & Industrial Hygiene Officer in Charge** (US Air Force, USA), **Industrial Hygiene Officer in Charge** (US Air Force, Korea), **Special Project Manager (USA Air Force)**, **Bioenvironmental Engineering Specialist** (US Air Force, Germany) as well as the **Environmental Protection Specialist, Lead Inspector/Assessor, Cross-Connection Control Specialist, German Health & Safety Representative, Hazardous Materials Emergency Responder and Incident Commander.**

Mr. Hagarty has **Master and Bachelor degrees in Environmental, Safety & Health Management and Occupational Education** from the **University of Findlay (USA)** and the **Wayland Baptist University (USA)** respectively. Further, he has completed **Associate of Applied Science in Military Science & Technology** and **Bioenvironmental Engineering** from the **Community College of the Air Force (USA)** as well as **General Studies** from the **University of Maryland (USA)**. He is a **Certified Instructor/Trainer** and received numerous **military awards** including the **NATO Allied Command Operations Bioenvironmental Engineering.**

### 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 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 &amp; Coffee</i>
0800 – 0815	<i>Welcome &amp; Introduction</i>
0815 – 0830	<b>PRE-TEST</b>
0830 – 0930	<b>Introduction to Security Risk Assessment</b> <i>Definition of Security Risk Assessment • Types of Security Risks • Purpose of Security Risk Assessment • Importance of Security Risk Assessment</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<b>Threats &amp; Vulnerabilities</b> <i>Types of Threats • Common Vulnerabilities • Identification of Potential Threats • Assessment of Vulnerabilities</i>
1100 – 1230	<b>Risk Analysis</b> <i>Risk Analysis Process • Risk Assessment Methodologies • Quantitative and Qualitative Risk Analysis • Risk Matrix and Scoring</i>
1230 – 1245	<i>Break</i>
1245 – 1420	<b>Threat Modeling</b> <i>Definition of Threat Modeling • Types of Threat Modeling • Steps Involved in Threat Modeling • Examples of Threat Modeling Techniques</i>
1420 – 1430	<b>Recap</b> <i>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</i>
1430	<i>Lunch &amp; End of Day One</i>

#### **Day 2**

0730 – 0930	<b>Physical Security</b> <i>Definition of Physical Security • Types of Physical Security Threats • Assessing Physical Security Risks • Mitigating Physical Security Risks</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<b>Cybersecurity</b> <i>Definition of Cybersecurity • Types of Cyber Threats • Assessing Cybersecurity Risks • Mitigating Cybersecurity Risks</i>



1100 – 1230	<b>Personnel Security</b> Definition of Personal Security • Types of Personnel Security Threats • Assessing Personal Security Risks • Mitigating Personnel Security Risks
1230 – 1245	Break
1245 – 1420	<b>Security Risk Management</b> Definition of Security Risk Management • Elements of Security Risk Management • Risk Management Strategies • Developing a Security Risk Management Plan
1420 – 1430	<b>Recap</b> 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**

0730 – 0930	<b>Emergency Response Planning</b> Definition of Emergency Response Planning • Elements of Emergency Response Planning • Emergency Response Procedures • Developing an Emergency Response Plan
0930 – 0945	Break
0945 – 1100	<b>Business Continuity Planning</b> Definition of Business Continuity Planning • Elements of Business Continuity Planning • Developing a Business Continuity Plan • Testing and Updating the Business Continuity Plan
1100 – 1230	<b>Security Policies &amp; Procedures</b> 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	<b>Compliance &amp; Regulations</b> Compliance and Regulation Requirements • Developing a Compliance Program • Monitoring and Auditing Compliance
1420 – 1430	<b>Recap</b> 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**

0730 – 0930	<b>Security Risk Communication</b> Definition of Security Risk Communication • Communication Strategies • Stakeholder Management • Developing a Security Risk Communication Plan
0930 – 0945	Break
0945 – 1100	<b>Risk Treatment</b> Definition of Risk Treatment • Risk Treatment Options • Implementing Risk Treatment Measures • Monitoring and Reviewing Risk Treatment Measures
1100 – 1230	<b>Risk Assessment Tools &amp; Techniques</b> 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	<b>Threat Intelligence</b> Definition of Threat Intelligence • Gathering Threat Intelligence • Analyzing threat Intelligence • Utilizing Threat Intelligence
1420 – 1430	<b>Recap</b> 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**

0730 – 0930	<b>Security Awareness &amp; Training</b> Definition of Security Awareness and Training • Elements of Security Awareness and Training
0930 – 0945	Break
0945 – 1100	<b>Security Awareness &amp; Training (cont'd)</b> Developing a Security Awareness Training Program • Implementing and Evaluating Security Awareness and Training Programs
1100 – 1230	<b>Risk Reporting &amp; Metrics</b> 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	<b>Case Studies in Security Risk Assessment &amp; Management</b> 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	<b>Course Conclusion</b> Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course
1315 – 1415	<b>COMPETENCY EXAM</b>
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**

Mari Nakintu, Tel: +971 2 30 91 714, Email: [mari1@haward.org](mailto:mari1@haward.org)