Training: Mile2
C)IHE - Certified Incident Handling Engineer

TRANING TERMS

2025-05-26 | 5 days | Virtual Classroom
2025-06-23 | 5 days | Virtual Classroom

TRAINING GOALS:

The Certified Incident Handling Engineer vendor-neutral certification is designed to help Incident Handlers, System Administrators, and any General Security Engineers understand how to plan, create and utilize their systems in order to prevent, detect and respond to attacks.

In this in-depth training, students will learn step-by-step approaches used by hackers globally, the latest attack vectors and how to safeguard against them, Incident Handling procedures (including developing the process from start to finish and establishing your Incident Handling team), strategies for each type of attack, recovering from attacks and much more.

Furthermore, students will enjoy numerous hands-on laboratory exercises that focus on topics, such as reconnaissance, vulnerability assessments using Nessus, network sniffing, web application manipulation, malware and using Netcat plus several additional scenarios for both Windows and Linux systems.

Graduates of the mile2 Certified Incident Handling Engineer training obtain real world security knowledge that enables them to recognize vulnerabilities, exploit system weaknesses and help safeguard against threats. This course covers the same objectives as the SANS® Security 504 training and prepares students for the GCIH® and CIHE certifications.

Upon completion:

- The Certified Incident Handling Engineer course, students will be able to confidently undertake the CIHE certification examination (recommended). Students will enjoy an in-depth course that is continuously updated to maintain and incorporate the ever-changing security world. This course offers up-to-date proprietary laboratories that have been researched and developed by leading security professionals from around the world.

Who Should Attend:

- Information assurance managers/auditors
- System implementers/administrators
- Network security engineers
- IT administrators

Compendium Education Center Ltd.
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ul. Bielska 17, 02-394 Warszawa, tel.: (22) 417 41 70

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- Auditors/auditees
- DoD personnel/contractors
- Federal agencies/clients
- Security vendors and consulting groups looking to stay current with frameworks for information assurance

Accreditations & Acknowledgements

Mile2® is:

- ACCREDITED by the NSA CNSS 4011-4016
- MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework
- APPROVED on the FBI Cyber Security Certification Requirement list (Tier 1-3)

CONSPECT:

- Incident Handling Explained
- Threats, Vulnerabilities, and Exploits
- Preparation
- First Response
- Containment
- Eradication
- Recovery
- Follow-Up
- Advanced Computer Security Incident Response Team
- Advanced - Log File Analysis
- Advanced - Malware, Rootkits, and Botnets
- Advanced - Artifact Analysis

Lab:

- Tools Introduction
- Cyber Attacks - Networking
- Cyber Attacks - Web Application
- Cyber Attacks - Viruses
- Ticketing System
- SysInternals Suite
- Creating and Managing a CSIRT Action Plan
- Log Analysis

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- Exploits and DoS
- Stuxnet Trojan: Memory Analysis with Volatitlity
- Find the hack(s) lab

REQUIREMENTS:

- A minimum of 12 months' experience in networking technologies
- Sound knowledge of networking
- Sound knowledge of TCP/IP
- Knowledge of Microsoft packages
- Basic Knowledge of Linux is essential

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Mile2 (course completion).

This course will help prepare you for the Certified Incident Handling Engineer exam, which is available through the on-line Mile2's Assessment and Certification System ("MACS"), and is accessible on your mile2.com account. The exam will take 2 hours and consist of 100 multiple choice questions.

Each participant in an authorized training C)IHE - Certified Incident Handling Engineer will receive a free CIHE exam voucher.

TRAINER:

Certified Mile2 Instructor.

ADDITIONAL INFORMATION:

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