Training: Mile2
C)SA1 - Certified Security Awareness 1

TRAINING GOALS:

The Mile2® vendor-neutral **C)SA1 Certified Security Awareness 1** certification course is intended for anyone that uses a computer on the internet. Attendees will understand the security threats as well as the countermeasures associated with these attacks. Employees will learn that the weakest link in any security program is a poorly trained department. This course teaches **general security awareness** as well as how to develop a strong security culture within your company's community. The Social Engineering portion of the class is designed to teach the participants the skills used by Social Engineers to facilitate the extraction of information from an organization using technical and non-technical methods.

Computer fraud, black-hat hacking, cyber-terrorists; these phrases describe an innovative generation of criminals that use over-the-wire technology to attack us, steal from us and terrorize us. However, the best tool in their arsenal is not new. It is only used by the most experienced, the most dangerous, boldest hackers.

The Mile2 **C)SA1 Certified Security Awareness 1** program is innovative and trains students on how attacks are performed, the skills necessary to perform an attack, how to train people to identify an attack but most importantly: how to train internal targets so that the training is effective and lasts.

Upon completion:

- The **Certified Security Awareness 1** candidate will not only be able to competently take the **CSA1 exam** but will also understand basic cyber security knowledge to keep companies' IP and IT infrastructure safe.

Who Should Attend:

- Anyone
- End User
- Company Employee
- Basic Computer User

Accreditations & Acknowledgements

Mile2® is:

- ACCREDITED by the NSA CNSS 4011-4016
- MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework

Compendium Education Center Ltd.
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- APPROVED on the FBI Cyber Security Certification Requirement list (Tier 1-3)

CONSPECT:

- Module 1 - Basic Security Awareness
  - What is it and why it’s needed?
  - 2017 End User Risk Trends
    - Who, What and How are people the target
    - What are the losses associated to end user hacks?
      - The policies are as good as the employee who embraces them
- Module 2 - Social Engineering
  - Phishing
    - mail, via phone, social websitesare common
    - Spear Phishing
      - Example: Fake email sample
      - Social media
      - Personification
- Module 3- Data Classification and Corporate Use (Safe Guarding)
  - Corporate
    - Sensitive, internal or public classification
    - Objectives of securing data (IP, Compliance/legislature)
    - Personalvs. Business Use
      - Segregating personal use with business use
      - Data management
        - Business standard for deleting data
        - Personal standard of data dumping (old phones/hard drives and usb)
        - Did you know that I can unearth deleted docs from a USB drive from a standard Forensics app off of the internet?
        - How to delete and get rid of your old data
- Module 4- End User Best Practices
  - Internet utilization
    - Hot spots, public places & roaming risks
    - SafeWeb Site surfing
      - Discerning safe secure sites (never go to a site link indirectly)
      - Locks and HTTPS
      - Computer Usage
        - Using computer in non-admin mode

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- Ransomware
- Password management
- Removable Devices
- Mobile, Smart Phones and Tablets (risks associated with mobile devices)
    - Device always locked
    - Device should always be trackable

REQUIREMENTS:

- Basic Network Understanding

Difficulty level

CERTIFICATE:

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

This course will help prepare you for the **Certified Security Awareness 1 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 1 hour and consist of 25 multiple choice questions.

Each participant in an authorized training C)SA1 - Certified Security Awareness 1 will receive a free CSA1 exam voucher.

TRAINER:

Certified Mile2 Instructor.

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