



CYBERSECURITY FORENSICS INVESTIGATOR

Course Duration: 4 days
Time: 9am – 5.30pm

Overview

The Cybersecurity Forensics Investigator course focuses on imparting you with cyber forensics concepts and processes including acquisition of forensics evidences, preservation and analysis of the gathered evidences, and presentation of the findings. The training also encompasses the conduct of forensics investigation on simulated real-world cyber incidents in an emulated enterprise network environment to instill applicable skillsets and enhances knowledge retention. Whether you are a cyber security analyst or an IT professional who wishes to gain better understanding of cyber forensics and acquire investigation skillsets, CSFI provides you with a robust cyber forensics investigation training experience.

Learning Outcomes



Appreciate the entire cyber forensics investigation processes and procedures



Understand functionality of various forensic tools and its use during investigation

Course Structure



Day
1

- Introduction to Computer Forensics
- Forensics Imaging
- Autopsy
- Windows Event Logs
- Demonstration and Hands-on Practical Exercises



Day
2

- File Systems
- Windows Registry
- Hashing
- Pre-fetch and Shell Bags
- Data Hiding
- Data Carving
- Email Forensics
- Demonstration and Hands-on Practical Exercises



Day
3

- Browser Forensics
- Memory Forensics
- Cyber Forensic Scenario-based Exercise 1



Day
4

- Case Study and Report Writing
- Cyber Forensic Scenario-based Exercise 2



Develop practical skillsets in forensics investigation from acquisition, preservation, analysis to reporting



Recommend preventive measures against future cyber incidents

Assessment

Assessment	Forensics Report	Practical Performance	Written Test
Description	Assess learners on their mastery of the Performance Statement and Underpinning Knowledge	Assess learners on their understanding of the competencies	Assess learners on their mastery and understanding of the Performance Statements, Underpinning Knowledge and competencies
Format	Written Exam	Labs	Written Exam
Duration	30 mins	180 mins	60 mins



■ Who should attend?

- Security Analysts
- IT Professionals / Engineers
- Information Security Managers and Executives
- Project Managers, Risk Managers and Compliance Managers

■ Training Venue

80 Jurong East Street 21
#04-02
Devan Nair Institute
Singapore 609607

■ Funding

This is a SkillsFuture Singapore (SSG) funded course applicable to Singaporeans and PRs.

■ Contact Us

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■ Terms and Conditions

1. Assessment fee is inclusive as part of the course fee for the first time. Re-assessment fee and booking fee applies for participants who did not pass during the course.
2. ST Electronics (Info-Security) Pte Ltd reserves the right to make amendments to the course agenda and dates without prior notice.
3. ST Electronics Cybersecurity Centre reserves the right to change the date or venue without prior notice.
4. ST Electronics Cybersecurity Centre reserves the right to cancel or reschedule the course due to class size or unforeseen circumstances.

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