Computer Hacking Forensic Investigator (CHFI)

C|HFI
Computer | Hacking Forensic
INVESTIGATOR

Course Overview

EC-Council's Certified Hacking Forensic Investigator (CHFI) is the only comprehensive ANSI accredited, lab-focused program in the market that gives organizations vendor-neutral training in digital forensics. CHFI provides its attendees with a firm grasp of digital forensics, presenting a detailed and methodological approach to digital forensics and evidence analysis that also pivots around Dark Web, IoT, and Cloud Forensics. The tools and techniques covered in this program will prepare the learner for conducting digital investigations using ground-breaking digital forensics technologies.

The program is designed for IT professionals involved with information system security, computer forensics, and incident response. It will help fortify the application knowledge in digital forensics for forensic analysts, cybercrime investigators, cyber defense forensic analysts, incident responders, information technology auditors, malware analysts, security consultants, and chief security officers. The program equips candidates with the necessary skills to proactively investigate complex security threats, allowing them to investigate, record, and report cybercrimes to prevent future attacks.

Target Audience

Digital Forensics Analyst

Cybercrime Investigator

Data Forensic Investigator

Malware Analyst

Cryptographer

Forensic Imaging Specialist

Forensic SME

Course Objectives

- Perform electronic evidence collections.

- Perform digital forensic acquisitions.

- Conduct thorough examinations of computer hard disk drives and other electronic data storage media.

- Utilize forensic tools and investigative methods to find electronic data, including Internet use history, word processing documents, images, and other files.

- Perform anti-forensics detection

- Apply advanced forensic tools and techniques for attack reconstruction.

Duration
5 Days

Certifications
Computer Hacking Forensic Investigator (CHFI)

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Course Outline

- **Lesson 1:** Computer Forensics in Today's World

- **Lesson 2:** Computer Forensics Investigation Process

- **Lesson 3:** Understanding Hard Disks and File Systems

- **Lesson 4:** Data Acquisition and Duplication

- **Lesson 5:** Defeating Anti-Forensics Techniques

- **Lesson 6:** Windows Forensics

- **Lesson 7:** Linux and Mac Forensics

- **Lesson 8:** Network Forensics

- **Lesson 9:** Investigating Web Attacks

- **Lesson 10:** Dark Web Forensics

- **Lesson 11:** Database Forensics

- **Lesson 12:** Cloud Forensics

- **Lesson 13:** Investigating Email Crimes

- **Lesson 14:** Malware Forensics

- **Lesson 15:** Mobile Forensics

- **Lesson 16:** IoT Forensics

Prerequisites

It is strongly recommended that you attend Certified Ethical Hacker before enrolling into CHFI program.

Intended Audience

- Police and other law enforcement personnel

- Defense and Military personnel

- e-Business Security professionals

- Systems administrators

- Legal professionals

- Banking, Insurance and other professionals

- Government agencies

- IT managers

- Digital Forensics Service Providers