

Computer Hacking Forensics Investigator (CHFI)

Duration: 5 Days

Course Overview

EC-Council releases the most advanced Computer Forensic Investigation program in the world. CHFI presents a detailed methodological approach to computer forensics and evidence analysis. It is a comprehensive course covering major forensic investigation scenarios that enable students to acquire hands-on experience on various forensic investigation techniques and standard tools necessary to successfully carry-out a computer forensic investigation.

Battles between corporations, governments, and countries are no longer fought using physical force. Cyber war has begun and the consequences can be seen in every day life. With the onset of sophisticated cyber-attacks, the need for advanced cyber security and investigation training is a mandate in the present day. If you or your organization requires the knowledge or skills to identify, track, and prosecute the cybercriminals, then this is the course for you. This course helps students to excel in digital evidence acquisition, handling and analysis in a forensically sound manner. Acceptable in a court of law, these skills will lead to successful prosecutions in various types of security incidents such as data breaches, corporate espionage, insider threats and other intricate cases involving computer systems.

Who Is It For?

- IT professionals involved with information system security
- Computer forensics
- Incident response.

Course Outline

Module #	Module Topic
Module 01	Computer Forensics in Today's World
Module 02	Computer Forensics Investigation Process

Module 03	Searching and Seizing Computers
Module 04	Digital Evidence
Module 05	First Responder Procedures
Module 06	Computer Forensics Lab
Module 07	Understanding Hard Disks and File Systems
Module 08	Windows Forensics
Module 09	Data Acquisition and Duplication
Module 10	Recovering Deleted Files and Deleted Partitions
Module 11	Forensics Investigation using Access Data FTK
Module 12	Forensics Investigation Using EnCase
Module 13	Steganography and Image File Forensics
Module 14	Application Password Crackers
Module 15	Log Capturing and Event Correlation
Module 16	Network Forensics, Investigating Logs and Investigating Network Traffic

Module 17	Investigating Wireless Attacks
Module 18	Investigating Web Attacks
Module 19	Tracking Emails and investigating Email Crimes
Module 20	Mobile Forensics
Module 21	Investigative Reports
Module 22	Becoming an Expert Witness

Exam Details:

Exam Details	CHFI® (MCQ Exam)
Number of Questions/Practical Challenges	150
Test Duration	4 Hours
Test Format	Multiple Choice Questions
Test Delivery	ECC EXAM, VUE
Exam Prefix	312-50 (ECC EXAM), 312-50 (VUE)
Passing Score	Scores can range from 60% to 85%