



Computer Hacking Forensic Investigator (CHFI)

Description

What is the Computer Hacking Forensic Investigator (CHFI) course?

The Computer Hacking Forensic Investigator (CHFI) training is a comprehensive program designed for professionals aiming to master digital forensics. In a time when cyberattacks are increasing, it is essential to know how to collect and analyze digital evidence. This course enables you to gain practical skills for investigating security incidents, whether they occur on computers, networks, or even cloud environments.

Why should you take this course?

By following this program, you will learn to identify traces left by attackers, secure and duplicate sensitive data, and defend against anti-forensic techniques. This CHFI certification also provides the skills to analyze complex attacks on various systems, including Windows, Linux, and mobile devices. If you work in IT security or want to evolve in this field, this training is essential for acquiring advanced skills in digital investigation.

Course Content

Module 1: Computer Forensics in Today's World

- Introduction to current digital forensic challenges
- Roles and responsibilities in forensic investigations

Module 2: Computer Forensics Investigation Process

- Key steps in forensic investigations
- Collecting and preserving digital evidence

Module 3: Understanding Hard Disks and File Systems

- How hard disks function
- Analyzing file systems (FAT, NTFS, ext)

Module 4: Data Acquisition and Duplication

- Data acquisition methods

- Secure data duplication techniques

Module 5: Defending Anti-Forensics Techniques

- Identifying anti-forensic techniques
- Defense strategies against these techniques

Module 6: Windows Forensics

- Collecting and analyzing evidence on Windows
- Using forensic tools for Windows

Module 7: Linux and Mac Forensics

- Forensic analysis on Linux and Mac systems
- Tools and techniques for these systems

Module 8: Network Forensics

- Investigating network attacks
- Collecting and analyzing network data

Module 9: Malware Forensics

- Analyzing malware
- Investigating traces left by malware

Module 10: Investigating Web Attacks

- Investigating web-based attacks
- Identifying exploitable vulnerabilities

Module 11: Dark Web Forensics

- Analyzing Dark Web activities
- Tools and techniques for investigating the Dark Web

Module 12: Cloud Forensics

- Forensic investigations in cloud environments
- Collecting evidence from cloud platforms

Module 13: Email and Social Media Forensics

- Analyzing evidence from emails
- Investigating social media platforms

Module 14: Mobile Forensics

- Collecting evidence from mobile devices
- Tools and techniques for mobile investigations

Module 15: IoT Forensics

- Investigating IoT devices
- Challenges and opportunities in IoT forensics

Documentation

- Digital course material included

Exam

- This course prepares to the Computer Hacking Forensic Investigator (CHFI) certification
- In order to receive the Computer Hacking Forensic Investigator (CHFI) certification, learners must pass the exam : 312-49
- Number of questions: 150
- Duration: 4 hours
- If you wish to take the exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- Cybersecurity professionals
- System and network administrators
- IT security analysts
- Incident response experts
- Digital forensics consultants

Prerequisites

- Basic knowledge of IT security
- Understanding of operating systems (Windows, Linux, Mac)
- Knowledge of networks and IT infrastructure
- Experience in managing security incidents

Objectives

- Understand the forensic investigation process
- Analyze hard drives and file systems
- Acquire and duplicate sensitive data
- Defend against anti-forensic techniques
- Investigate network and web attacks
- Analyze evidence on Windows, Linux, and Mac systems

Description

Computer Hacking Forensic Investigator (CHFI) training

Niveau

Intermédiaire

Classroom Registration Price (CHF)

5900

Virtual Classroom Registration Price (CHF)

5650

Duration (in Days)

5

Reference

CHFI