Computer Hacking and Forensic Investigator (CHFI)

Introduction

CHFI is a comprehensive course covering major forensic investigation scenarios, enabling students to acquire hands-on experience. The program provides a strong baseline knowledge of key concepts and practices in the digital forensic domains relevant to today's organizations. Moreover, CHFI provides a firm grasp on the domains of digital forensics.

Key Outcomes

- The comprehensive forensics investigation process
- Forensics of file systems, operating systems, network and database, websites, and email systems
- Techniques for investigating on cloud, malware, and mobile
- Data acquisition and analysis as well as anti-forensic techniques
- Thorough understanding of the chain of custody, forensic report, and presentation

Course Outline

- Computer Forensics in Today's World
- Computer Forensics Investigation Process
- Understanding Hard Disks and File Systems
- Operating System Forensics
- Defeating Anti-Forensics Techniques
- Data Acquisition and Duplication
- Network Forensics
- Investigating Web Attacks
- Database Forensics
- Cloud Forensics
- Malware Forensics
- Investigating E-mail Crimes
- Mobile Forensics
- Investigative Reports

Prerequisites

- IT/forensics professionals with basic knowledge of IT/cybersecurity, computer forensics, and incident response

- A good understanding of TCP/IP is required

- Prior completion of the hacking course would be an advantage

- Before attending this CHFI course, students should have one year of experience managing Windows/Unix/Linux systems or have equivalent knowledge and skills

Target Audience

The CHFI program is designed for all IT professionals involved with information system security, computer forensics, and incident response.

- Target 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

Duration

40 hours training course