

ORION Community Training 2020



Computer Hacking Forensic Investigator (CHFI) – 5 days

Computer hacking forensic investigation is the process of detecting hacking attacks and properly extracting evidence to report the crime and conduct audits to prevent future attacks. EC-Council's CHFI certifies individuals in the specific security discipline of computer forensics from a vendor-neutral perspective.

Cyber Security professionals who acquire a firm grasp on the principles of digital forensics can become invaluable members of Incident Handling and Incident response teams. The Computer Hacking Forensic Investigator course provides a strong baseline knowledge of key concepts and practices in the digital forensic domains relevant to today's organizations.

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 Email Crimes
- Mobile Forensics
- Investigative Reports

Outcomes: A CHFI certified professional will be able to:

- Perform incident response and forensics
- Perform electronic evidence collections
- Perform digital forensic acquisitions
- Examine all available information and supporting evidence or artefacts related to an incident or event
- Collect data using forensic technology methods in accordance with evidence handling procedures, including collection of hard copy and electronic documents
- Conduct reverse engineering for known and suspected malware files
- Perform detailed evaluation of the data and any evidence of activity in order to analyze the full circumstances and implications of the event
- Extract and analyze logs from various devices such as proxies, firewalls, IPSes, IDses, Desktops, laptops, servers, SIM tools, routers, switches, AD servers, DHCP servers, Access Control Systems, etc.
- Ensure that reported incident or suspected weaknesses, malfunctions and deviations are handled with confidentiality

Who Is It For?

IT/forensics professionals with basic knowledge on IT/cyber security, computer forensics, and incident response. Prior completion of Certified Ethical Hacker (CEH) training would be an advantage.