



## 1.1 COMPUTER HACKING FORENSIC INVESTIGATION

### Computer Hacking Forensic Investigator (CHFI)

The CHFI course will give participants the necessary skills to identify an intruder's footprints and to properly gather the necessary evidence to prosecute. Many of today's top tools of the forensic trade will be taught during this course, including software, hardware and specialized techniques.

The need for businesses to become more efficient and integrated with one another, as well as the home user, has given way to a new type of criminal, the "cyber-criminals." It is no longer a matter of "will your organization be compromised (hacked)?" but, rather, "when?" Today's battles between corporations, governments and countries are no longer fought only in the typical arenas of boardrooms or battlefields using physical force. Now the battlefield starts in the technical realm, which ties into most every facet of modern day life. If you or your organization requires the knowledge or skills to identify, track, and prosecute the cyber-criminal, then this is the course for you.

CHFI investigators can draw on an array of methods for discovering data that resides in a computer system, or recovering deleted, encrypted, or damaged file information. The CHFI course will provide participants the necessary skills to identify an intruder's footprints and to properly gather the necessary evidence to prosecute in the court of law. Computer Forensics in Today's World Computer Forensics Investigation Process Searching and Seizing Computers Digital Evidence First Responder Procedures Computer Forensics Lab Understanding Hard Disks and File Systems Windows Forensics Data Acquisition and Duplication Recovering Deleted Files and Deleted Partitions Forensics Investigation Using AccessData FTK Forensics Investigation Using EnCase Steganography and Image File Forensics Application Password Crackers Log Capturing and Event Correlation Network Forensics, Investigating Logs and Investigating Network Traffic Investigating Wireless Attacks Investigating Web Attacks Tracking Emails and Investigating Email Crimes Mobile Forensics Investigative Reports Becoming an Expert Witness

#### Who should Attend?

Police and other law enforcement personnel, Defense and Military personnel, e-Business Security professionals, System administrators, Legal professionals, Banking, Insurance and other professionals, Government agencies, IT managers.