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| **CSCU (Certified Secure Computer System)** |
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| 1. Introduction to Security
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| 1. Securing Operating Systems
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| 1. Malware and Antivirus
 |
| 1. Internet Security
 |
| 1. Security on Social Networking Sites
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| 1. Securing Email Communications
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| 1. Securing Mobile Devices
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| 1. Securing the Cloud
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| 1. Securing Network Connections
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| 1. Data Backup and Disaster Recovery
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| **CND (Certified Network Defender)** |
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| 1. Network Attacks and Defence Strategies
 |
| 1. Administrative Network Security
 |
| 1. Technical Network Security
 |
| 1. Network Perimeter Security
 |
| 1. Endpoint Security - Windows Systems
 |
| 1. Endpoint Security - Linux Systems
 |
| 1. Endpoint Security - Mobile Devices
 |
| 1. Endpoint Security - IoT Devices
 |
| 1. Administrative Application Security
 |
| 1. Data Security
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| 1. Administrative Application Security
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| 1. Data Security
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| **CEH (Certified Ethical Hacker)** |
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| 1. Introduction to Ethical Hacking
 |
| 1. Foot printing and Reconnaissance
 |
| 1. Scanning Networks
 |
| 1. Enumeration
 |
| 1. Vulnerability Analysis
 |
| 1. System Hacking
 |
| 1. Malware Threats
 |
| 1. Sniffing
 |
| 1. Social Engineering
 |
| 1. Denial-of-Service
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| 1. Session Hijacking
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| 1. Evading IDS, Firewalls, and Honeypots
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| 1. Hacking Web Servers
 |
| 1. Hacking Web Applications
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| 1. SQL Injection
 |
| 1. Hacking Wireless Networks
 |
| 1. Hacking Mobile Platforms
 |
| 1. IoT Hacking
 |
| 1. Cloud Computing
 |
| 1. Cryptography
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| **CPENT (Certified Penetration Testing)** |
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| 1. Introduction to Penetration Testing
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| 1. Penetration Testing Scoping and Engagement
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| 1. Open-Source Intelligence (OSINT)
 |
| 1. Social Engineering Penetration Testing
 |
| 1. Network Penetration Testing - External
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| 1. Network Penetration Testing- Internal
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| 1. Network Penetration Testing - Perimeter
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| 1. Web Application Penetration Testing
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| 1. Wireless Penetration Testing
 |
| 1. IoT Penetration Testing
 |
| 1. OT/SCADA Penetration Testing
 |
| 1. Cloud Penetration Testing
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| 1. Binary Analysis and Exploitation
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| 1. Report Writing and Post Testing Actions
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| **CHFI (Certified Hacking and Forensic Investigator)** |
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| 1. Computer Forensics in Today's World
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| 1. Computer Forensics Investigation Process
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| 1. Understanding Hard Disks and File Systems
 |
| 1. Data Acquisition and Duplication
 |
| 1. Defeating Anti-Forensics Techniques
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| 1. Windows Forensics
 |
| 1. Linux and Mac Forensics
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| 1. Network Forensics
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| 1. Malware Forensics
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| 1. Investigating Web Attacks
 |
| 1. Dark Web Forensics
 |
| 1. Cloud Forensics
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| 1. Email and Social Media Forensics
 |
| 1. Mobile Forensics
 |
| 1. IoT Forensics
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