Information security is paramount to an organization’s success. Increasingly, IT professionals are expected to protect the organization from attacks that are constantly evolving. Advanced IT professionals must develop the skills and knowledge necessary to conduct sound security engineering, ethical hacking, and penetration testing.

Areas of focus
- Security engineering
- Ethical hacking
- Penetration testing

Curriculum

VIDEOS FROM COURSE
(ISC)² CISSP 2015 10 hours

- Welcome to CISSP 16 min
- CIA Concepts 4 min
- Policies 13 min
- Risk 13 min
- Control Types 17 min
- Security Awareness Training 6 min
- Ethical Hacking 13 min
- Symmetric Cryptography 19 min
- Asymmetric Cryptography 24 min
- Fire 16 min
- Physical Security 13 min
- Electric Power 12 min
- OSI Lower Layers 29 min
- OSI Upper Layers 24 min
- Firewalls 21 min
- VPNs 27 min
- Attacks 21 min
- Authentication Concepts 9 min
- Multifactor Authentication 15 min
- Centralized Management 17 min
- SSO and Security Threats 25 min
- Computing System Evaluations 15 min
- Security Model Details 11 min
- Availability and Integrity Design 14 min
- IDS and IPS 17 min
- Controls for Operational Security 19 min

Prerequisite Plans
ASSOCIATE LEVEL

Information Security Concepts & Practices

Current Plan
EXPERT LEVEL

Depth Security for Corporate Information
VIDEOS FROM COURSE

(ISC)² CISSP 2015 (cont.)

- Separation of Duties 18 min
- Backups and Media 16 min
- DR and BC 20 min
- Malware 14 min
- Evidence 12 min
- Laws and Liability 10 min
- Incident Response 15 min
- System and Software Security 16 min
- Virtualization and Cloud 13 min
- 2700x 6 min
- Federated Identities 11 min
- EPA 16 min
- Monitoring and More 12 min

VIDEOS FROM COURSE

Penetration Testing with Linux Tools (cont.)

- Kali Linux 15 min
- Burp Suite 14 min
- Raspberry Pi & Kali Linux 17 min
- Scapy 23 min
- Hping3 28 min
- Parasite6 14 min
- IPv6 THC Tools 28 min
- Custom Password Lists 13 min
- Hashes and Cracking Passwords 18 min
- Rainbow Tables and Ophrack 14 min
- Wireshark 23 min
- Virtual Test Environment 19 min
- Detecting Rootkits 11 min

VIDEOS FROM COURSE

Penetration Testing with Linux Tools

- Welcome to the Tools of BackTrack and Kali Linux 7 min
- What is BackTrack? 4 min
- Install BT on a Virtual Machine 13 min
- Connecting to the Network 17 min
- Updating S/W and Using Integrated Help 7 min
- BT Wireless TX Power 10 min
- Uncovering Hidden SSIDs 12 min
- Bypassing MAC Address Filters 14 min
- Breaking WPA2 Wireless 10 min
- Rogue Wireless Access Points 23 min
- Wireless Mis-Association Attacks 15 min
- MITM Using Wireless Bridging 16 min
- Nmap: King of Scanners 36 min
- DHCP Starvation 12 min
- Vote for BT - as the new STP Root Bridge 19 min
- CDP Flooding 14 min
- Taking over HSRP 7 min
- DTP and 802.1q Attacks 22 min
- ARP Spoofing MITM 16 min
- Metasploit Framework 19 min
- PWNing a System with MSF 26 min
- Creating a "Pivot Point" 18 min
- Social-Engineer Toolkit (SET) 20 min
- Ettercap and Xplico 18 min
- DNS Spoofing 13 min
- Hydra 22 min
- Maltego 14 min

VIDEOS FROM COURSE

EC Council Certified Ethical Hacker v9.0

- Welcome 4 min
- Building a LAB: Concepts 6 min
- Building a LAB: Networking 9 min
- Deploy a Kali Linux VM 14 min
- Adding Metasploitable to Your Lab 11 min
- Adding Windows to Your Lab 14 min
- Configure a Static IP on Kali 5 min
- Windows Evaluations 7 min
- Deploy Windows 8.1 15 min
- Deploy Windows 2012 11 min
- Deploy Windows 10 7 min
- Deploy Windows 2016 7 min
- Ethics and Hacking 10 min
- Hacking Vocabulary 6 min
- InfoSec Concepts 5 min
- Attack Categories, Types, and Vectors 5 min
- Five Phases of Hacking 5 min
- Footprinting and Reconnaissance Concepts 11 min
- Search Engine Tools 8 min
- Hacking using Google 12 min
- Website Recon Tools 13 min
- Metagoofil Metadata Tool 3 min
- Email Headers for Footprinting 5 min
- Using WHOIS for Recon 4 min
- DNS Tools 12 min
- Network Scanning Overview 3 min
- Network Scanning Methodology 9 min