



LEARNING PLAN

Depth Security for Corporate Information

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**

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

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

VIDEOS FROM COURSE

Penetration Testing with Linux Tools**11 hours**

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

VIDEOS FROM COURSE

Penetration Testing with Linux Tools (cont.)

<input type="checkbox"/>	Kali Linux	15 min
<input type="checkbox"/>	Burp Suite	14 min
<input type="checkbox"/>	Raspberry Pi & Kali Linux	17 min
<input type="checkbox"/>	Scapy	23 min
<input type="checkbox"/>	Hping3	28 min
<input type="checkbox"/>	Parasite6	14 min
<input type="checkbox"/>	IPv6 THC Tools	28 min
<input type="checkbox"/>	Custom Password Lists	13 min
<input type="checkbox"/>	Hashes and Cracking Passwords	18 min
<input type="checkbox"/>	Rainbow Tables and Ophcrack	14 min
<input type="checkbox"/>	Wireshark	23 min
<input type="checkbox"/>	Virtual Test Environment	19 min
<input type="checkbox"/>	Detecting Rootkits	11 min

VIDEOS FROM COURSE

EC Council Certified Ethical Hacker v9.0**20 hours**

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

VIDEOS FROM COURSE

EC Council Certified Ethical Hacker v9.0 (cont.)

<input type="checkbox"/>	LDAP Enumeration Concepts	5 min
<input type="checkbox"/>	LDAP Enumeration Example	7 min
<input type="checkbox"/>	NTP Enumeration	7 min
<input type="checkbox"/>	SMTP Enumeration	8 min
<input type="checkbox"/>	System Hacking Overview	9 min
<input type="checkbox"/>	Password Cracking Concepts	10 min
<input type="checkbox"/>	Password Attack Example: MITM and Sniffing	13 min
<input type="checkbox"/>	Rainbow Crack Lab Setup	8 min
<input type="checkbox"/>	Rainbow Crack Demonstration	8 min
<input type="checkbox"/>	Password Reset Hacking	8 min
<input type="checkbox"/>	DHCP Starvation	10 min
<input type="checkbox"/>	Remote Access	15 min
<input type="checkbox"/>	Spyware	9 min
<input type="checkbox"/>	NTFS Alternate Data Streams Exploit	9 min
<input type="checkbox"/>	Steganography with OpenPuff	7 min
<input type="checkbox"/>	Steganography with SNOW	5 min
<input type="checkbox"/>	Covering Tracks	7 min
<input type="checkbox"/>	Malware Overview	10 min
<input type="checkbox"/>	Trojan Overview	10 min
<input type="checkbox"/>	Creating a Trojan	11 min
<input type="checkbox"/>	Virus Overview	13 min
<input type="checkbox"/>	Virus Creation	8 min
<input type="checkbox"/>	Detecting Malware	17 min
<input type="checkbox"/>	Malware Analysis	10 min
<input type="checkbox"/>	Hash File Verification	8 min
<input type="checkbox"/>	Sniffing Overview	12 min
<input type="checkbox"/>	CAM Table Attack and Port Security	10 min
<input type="checkbox"/>	DHCP Snooping	14 min
<input type="checkbox"/>	Dynamic ARP Inspection (DAI)	14 min
<input type="checkbox"/>	Social Engineering	15 min
<input type="checkbox"/>	Denial of Service (DoS) Attacks	19 min
<input type="checkbox"/>	Session Hijacking	18 min
<input type="checkbox"/>	Hacking Web Servers	10 min
<input type="checkbox"/>	Buffer Overflow	13 min
<input type="checkbox"/>	OWASP Broken Web Application Project	13 min
<input type="checkbox"/>	Shellshock	6 min
<input type="checkbox"/>	SQL Introduction	9 min
<input type="checkbox"/>	SQL Injection	16 min
<input type="checkbox"/>	Web App Vulnerabilities: WordPress	10 min

VIDEOS FROM COURSE

EC Council Certified Ethical Hacker v9.0 (cont.)

<input type="checkbox"/>	Wireless Hacking	18 min
<input type="checkbox"/>	Using an Android VM	4 min
<input type="checkbox"/>	Malware for Mobile	11 min
<input type="checkbox"/>	Mobile Device Risks and Best Practices	13 min
<input type="checkbox"/>	Firewall Evasion	19 min
<input type="checkbox"/>	Firewall ACL Example	15 min
<input type="checkbox"/>	NAT and PAT fundamentals	11 min
<input type="checkbox"/>	IDS/IPS Evasion	17 min
<input type="checkbox"/>	Honeypots	12 min
<input type="checkbox"/>	Cloud Computing	23 min
<input type="checkbox"/>	CIA: Confidentiality, Integrity, and Availability	3 min
<input type="checkbox"/>	Policies	9 min
<input type="checkbox"/>	Quantifying Risk	6 min
<input type="checkbox"/>	Separation of Duties	13 min
<input type="checkbox"/>	Symmetrical Encryption Concepts	14 min
<input type="checkbox"/>	Asymmetrical Encryption Concepts	16 min
<input type="checkbox"/>	Control Types	11 min
<input type="checkbox"/>	Multifactor Authentication	12 min
<input type="checkbox"/>	Centralized Identity Management	13 min
<input type="checkbox"/>	Kerberos and Single Sign On (SSO)	17 min
<input type="checkbox"/>	Backups and Media Management	9 min
<input type="checkbox"/>	Operations Security Controls	14 min
<input type="checkbox"/>	Physical Security Controls	11 min
<input type="checkbox"/>	Incident Response	12 min
<input type="checkbox"/>	VPNs	21 min
<input type="checkbox"/>	Disaster Recovery Planning	13 min
<input type="checkbox"/>	Pen Testing Tips	10 min
<input type="checkbox"/>	Useful Tools	11 min
<input type="checkbox"/>	Case Study	21 min
<input type="checkbox"/>	Additional Resources and Exam Prep	8 min