



LEARNING PLAN

Information Security Concepts & Practices

Master the practical steps you can take to meet security threats to your corporate data head on. Learn about the tools to protect data, monitor environments, and recover in the event of a security breach.

Areas of focus

- Monitoring and tools for protecting from attacks
- Inside the mind of a hacker
- Data protection techniques

Curriculum

VIDEOS FROM COURSE

CompTIA Security+ SY0-401 Videos 11-39	13 hours
<input type="checkbox"/> Forensics	20 min
<input type="checkbox"/> Incident Response	11 min
<input type="checkbox"/> Security Awareness	31 min
<input type="checkbox"/> Physical and Environmental Security	25 min
<input type="checkbox"/> Risk Management	36 min
<input type="checkbox"/> The Correct Controls for CIA	39 min
<input type="checkbox"/> Malware	31 min
<input type="checkbox"/> Attack Types	51 min
<input type="checkbox"/> Social Engineering	25 min
<input type="checkbox"/> Wireless Attacks	17 min
<input type="checkbox"/> Application Attacks	31 min
<input type="checkbox"/> Mitigation and Deterrent Techniques	30 min
<input type="checkbox"/> Discovery Tools	37 min
<input type="checkbox"/> Penetration Testing	14 min
<input type="checkbox"/> App. Security Controls and Techniques	27 min
<input type="checkbox"/> Security for Mobile	20 min
<input type="checkbox"/> Host Security	26 min
<input type="checkbox"/> Data Security	25 min
<input type="checkbox"/> Static Environment Security	15 min
<input type="checkbox"/> Authentication Services & Protocols	34 min
<input type="checkbox"/> Authentication Methods	33 min
<input type="checkbox"/> Authorization Models	18 min
<input type="checkbox"/> Account Management	21 min
<input type="checkbox"/> Crypto Concepts	43 min
<input type="checkbox"/> Crypto Protocols	41 min
<input type="checkbox"/> PKI	29 min
<input type="checkbox"/> ACL Case Study	16 min
<input type="checkbox"/> NAT Case Study	12 min
<input type="checkbox"/> Layered Security Case Study	10 min

Prerequisite Plans

FUNDAMENTAL LEVEL

[Understanding the End-User
Information Security Fundamentals](#)



Current Plan

ASSOCIATE LEVEL

Information Security Concepts & Practices



Possible Next Plans

EXPERT LEVEL

[Advanced Cloud Computing](#)
[Advanced Server Technologies](#)
[Depth Security for Corporate Information](#)

VIDEOS FROM COURSE

(ISC)2 CISSP 2015

Videos 2-9, 15-34, 36-39

9 hours

<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"/>	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
<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"/>	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

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

VIDEOS FROM COURSE

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

<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
<input type="checkbox"/>	Port Discovery	11 min
<input type="checkbox"/>	Network Scanning Tools	3 min
<input type="checkbox"/>	Stealth Idle Scanning	10 min
<input type="checkbox"/>	OS and Application Fingerprinting	10 min
<input type="checkbox"/>	Vulnerability Scanning	8 min
<input type="checkbox"/>	Network Mapping Tools	5 min
<input type="checkbox"/>	Proxy Servers	8 min
<input type="checkbox"/>	Using Public Proxy Services	6 min
<input type="checkbox"/>	Enumeration Concepts	5 min
<input type="checkbox"/>	NetBIOS Enumeration	11 min
<input type="checkbox"/>	SNMP Enumeration Concepts	10 min
<input type="checkbox"/>	SNMP Enumeration Tools	10 min
<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

VIDEOS FROM COURSE

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

<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
<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

VIDEOS FROM COURSE

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

<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