https://www.ituonline.com/

Certified Ethical Hacker (CEH) Version 11 Part 3: Advanced Ethical Hacker (ECC 312-50)

Module 61 - CEH v11 Advanced Ethical Hacker Course Intro

61.1 About This Course: Advanced Ethical Hacker
61.2 About the Instructor

Module 62 - CEH v11 Session Hjacking

62.1 Session Hijacking Concepts
62.2 Token-based Authentication
62.3 Compromising a Session Token
62.4 XSS
62.5 CSRF
62.6 Other Attacks

Module 63 - CEH v11 Defending Against Hijacking

63.1 Network Level Hijacking
63.2 Session Hijacking Tools
63.3 Session Hijacking Countermeasures
63.4 Session Penetration Hijacking
63.5 Review

Module 64 - CEH v11 Implementing Intrusion Detection

64.1 IDS-IPS
64.2 Snort
64.3 Snort Rules
64.4 Syslog

Module 65 - CEH v11 Testing Intrusion Detection

65.1 WIPS
65.2 IDS Considerations
65.3 IDS Tools
65.4 IDS Evasion
65.5 IDS-Firewall Evasion Tools
65.6 IDS Scenerios

Module 66 - CEH v11 Implementing Firewalls

66.1 Firewalls
66.2 Packet Filtering Rules
66.3 Firewall Deployments
66.4 Traffic Flow through Firewalls
66.5 Split DNS

Module 67 - CEH v11 Testing Firewallls

67.1 Firewall Tools
67.2 Firewall Evasion
67.3 Firewall Scenarios

Module 68 - CEH v11 Implementing Honeypots

68.1 Honeypots
68.2 Honeypot Detection
68.3 IDS-Firewall Evasion Countermeasures
68.4 IDS-Firewall Honeypot Penetration Testing
68.5 Review

Module 69 - CEH v11 Attacker Webserver

69.1 Webserver Security Overview
69.2 Common Webservers
69.3 Webserver Attacks
69.4 Misconfiguration Attack Examples

Module 70 - CEH v11 Webserver Defense

70.1 Webserver Attack Tools
70.2 Attack Countermeasures
70.3 Webserver Penetration Testing
70.4 Review

Module 71 - CEH v11 Intro To Web Apps

71.1 Web Application Concepts
71.2 Attacking Web Apps

Module 72 - CEH v11 OWASP Top 5 Web App Vulnerabilities

72.1 A01 - Broken Access Control
72.2 A02 - Cryptographic Failures
72.3 A03 - Injection
72.4 A04 - Insecure Design
72.5 A05 - Security Misconfiguration

Module 73 - CEH v11 OWASP Additional Web App Vulnerabilities

73.1 A06 - Vulnerable and Outdated Components

73.2 A07 - Identification and Authentication Failures
73.3 A08 - Software and Data Integrity Failures
73.4 A09 - Security Logging and Monitoring
73.5 A10 - Server Side Request Forgery

Module 74 - CEH v11 Common Web App Attacks

74.1 XSS Attacks
74.2 CSRF
74.3 Parameter Tampering
74.4 Clickjacking
74.5 SQL Injection

Module 75 - CEH v11 Unauthorized Access Through Web Apps

75.1 Insecure Deserialization Attacks
75.2 IDOR
75.3 Directory Traversal
75.4 Session Management Attacks
75.5 Response Splitting

Module 76 - CEH v11 Web App Overflow Attacks

76.1 Denial of Service
76.2 Overflow Attacks
76.3 XXE Attacks
76.4 Soap Attacks
76.5 Ajax Attacks

Module 77 - CEH v11 Defending Web Apps

77.1 Web App Hacking Tools
77.2 Web Hacking Countermeasures
77.3 Web Application Penetration Testing
77.4 Review

Module 78 - CEH v11 Intro To SQL Injection

78.1 SQL Overview
78.2 SQL Injection Concepts
78.3 Basic SQL Injection

Module 79 - CEH v11 Performing SQL Injection

79.1 Finding Vulnerable Websites
79.2 Error-based SQL Injection
79.3 Union SQL Injection
79.4 Blind SQL Injection
79.5 SQL Injection Scenarios
79.6 Evading Detection

Module 80 - CEH v11 Defending Against SQL Injection

80.1 SQL Injection Tools
80.2 SQL Injection Countermeasures
80.3 Safe Coding Examples
80.4 SQL Wildcards
80.5 SQL Injection Penetration Testing
80.6 Review

Module 81 - CEH v11 Wireless Networking Overview

81.1 Wireless Concepts
81.2 Wireless Signal Encoding
81.3 Wi-Fi Standards
81.4 Wi-Fi Antennas
81.5 Wireless Authentication

Module 82 - CEH v11 Wi-Fi Security

82.1 Wi-Fi Security Standards
82.2 Wireless Network Troubleshooting Tools
82.3 Wi-Fi Discovery Tools
82.4 Sniffing Wi-Fi

Module 83 - CEH v11 Hacking Wi-Fi

83.1 Wi-Fi Attack Types
83.2 Wi-Fi Rogue Access Point Attacks
83.3 Wi-Fi Denial of Service Attacks
83.4 Wi-Fi Password Cracking Attacks
83.5 WEP Cracking

Module 84 - CEH v11 Advanced Wireless Attacks

84.1 WPA-WPA2 Cracking
84.2 WPA3 Attacks
84.3 WPS Cracking
84.4 Wi-Fi Attack Tools for Mobile Devices
84.5 Bluetooth Hacking
84.6 Other Wireless Hacking

Module 85 - CEH v11 Defending Wireless Networks

85.1 Wireless Hacking Countermeasures
85.2 Wireless Security Tools
85.3 Wireless Penetration Testing
85.4 Review

Module 86 - CEH v11 Mobile Platform Overview

86.1 Mobile Platform Overview

86.2 Mobile Device Vulnerabilities
86.3 Mobile Device Attacks

Module 87 - CEH v11 Hacking Android

87.1 Android
87.2 Android Vulnerabilities
87.3 Rooting Android
87.4 Android Exploits
87.5 Android Hacking Tools
87.6 Reverse Engineering an Android App
87.7 Securing Android

Module 88 - CEH v11 Hacking iOS

88.1 iOS
88.2 iOS Vulnerabilities
88.3 Jailbreaking iOS
88.4 iOS Exploits
88.5 iOS Hacking Tools
88.6 Securing iOS

Module 89 - CEH v11 Mobile Platform Defense

89.1 Mobile Device Management
89.2 BYOD
89.3 Mobile Security Guidelines and Tools
89.4 Mobile Device Penetration Testing
89.5 Review

Module 90 - CEH v11 IoT Hacking

90.1 IoT Concepts
90.2 IoT Infrastructure
90.3 Fog Computing
90.4 IoT Vulnerabilities
90.5 IoT Threats

Module 91 - CEH v11 IoT Defense

91.1 IoT Hacking Methodologies and Tools
91.2 IoT Hacking Methodolgies and Tools Part 2
91.3 Hacking Countermeasures
91.4 IoT Penetration Testing
91.5 OT Concepts
91.6 Industrial IoT

Module 92 - CEH v11 Operational Technology Overview

92.1 IT-OT Convergence
92.2 ICS

92.3 SCADA
92.4 DCS
92.5 RTU
92.6 PLC
92.7 Addition OT Components

Module 93 - CEH v11 Hacking OT

93.1 OT Variables
93.2 Well-known OT attacks
93.3 OT Attack Methodology and Basic Tools
93.4 OT Reconnaissance
93.5 OT Penetration and Control

Module 94 - CEH v11 Defending OT

94.1 OT Attack Tools
94.2 OT Hacking Countermeasures
94.3 OT Penetration Testing
94.4 Review

Module 95 - CEH v11 Attacking The Cloud

95.1 Cloud Computing Concepts
95.2 Virtualization
95.3 Cloud Types
95.4 Cloud Benefits and Considerations
95.5 Cloud Risks and Vulnerablilities

Module 96 - CEH v11 Cloud Defense

96.1 Cloud Threats and Countermeasures
96.2 Cloud Security Tools
96.3 Cloud Security Best Practices
96.4 Cloud Penetration Testing
96.5 Review

Module 97 - CEH v11 Cryptography Overview

97.1 Cryptography Concepts
97.2 Symetric Encryption
97.3 Asymmetric Encryption
97.4 Public Key Exchange
97.5 PKI

Module 98 - CEH v11 Protecting Data With Crytography

98.1 Digital Certificates
98.2 Digital Signatures
98.3 Hashing
98.4 Email Encryption

98.5 Network Communication Encryption

Module 99 - CEH v11 Protecting Data at Home and in Transit

99.1 Disk Encryption
99.2 VPN Encryption
99.3 Cryptography Tools

Module 100 - CEH v11 Pentesting Cryptography

100.1 Cryptography Attacks
100.2 Cryptography Penetration Testing
100.3 Review
100.4 Conclusion