



Kiber Təhlükəsizlik Platforması

“Ethical Hacking Beginner” course module

COURSE DESCRIPTION

1. Linux Basics- Introduction
2. Networking and Basics- Introduction
3. Introduction To Ethical Hacking- Introduction
4. System Hacking Phases and Attack Techniques- OSINT, Footprinting & Scanning
5. System Hacking Phases and Attack Techniques- Vulnerability Analysis
6. System Hacking Phases and Attack Techniques- Initial Access
7. System Hacking Phases and Attack Techniques- Privilege Escalation - 1 (Windows)
8. System Hacking Phases and Attack Techniques- Privilege Escalation - 2 (Linux)
9. System Hacking Phases and Attack Techniques- Privilege Escalation - 3 (Extras)
10. Cryptography- Cryptography for Ethical Hackers
11. Network and Perimeter Hacking- Active Directory & Pentesting AD
12. Network and Perimeter Hacking- Network Attacks - MAC, DHCP, ARP Poisoning, Sniffing, Spoofing, DNS Poisoning
13. Network and Perimeter Hacking- DoS, IDS, Firewall, Honeypot
14. Exam
15. Web Application Hacking- WebServers, WebApplications, Web Security, OWASP

16. Web Application Hacking- Hacking Web Apps 1: XSS, Session Hijacking
17. Web Application Hacking- Hacking Web Apps 2: CSRF
18. Web Application Hacking- Hacking Web Apps 3: SQL Injection
19. Web Application Hacking- Hacking Web Apps 4: XXE
20. Web Application Hacking- Hacking Web Apps 5: File Upload, LFI, RFI, Path Traversal
21. Web Application Hacking- Hacking Web Apps 6: Broken Access Control (IDOR)
22. Web Application Hacking- Hacking Web Apps 7: Server-Side Attacks: SSTI, SSRF
23. Exam
24. Social Engineering- Social Engineering
25. Wireless Network Hacking- Wireless Network Hacking
26. Mobile Platform Hacking- Mobile Platform Hacking
27. Mobile Platform Hacking- Mobile Application Pentesting
28. Pentest Methodologies and Reporting- Pentest Methodologies and Pentest Report Structure
29. Network and Perimeter Hacking- Active Directory Basics
30. Network and Perimeter Hacking- Active Directory & Pentesting AD
31. Final exam

