

## Cyber Security Course Outline

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Module 01: Introduction to Ethical Hacking

Module 02: Foot printing and Reconnaissance

Module 03: Scanning Networks

Module 04: Enumeration

Module 05: Vulnerability Analysis

Module 06: System Hacking

Module 07: Malware Threats

Module 08: Sniffing

Module 09: Social Engineering

Module 10: Denial-of-Service

Module 11: Session Hijacking

Module 12: Evading IDS, Firewalls, and Honeypots

Module 13: Hacking Web Servers

Module 14: Hacking Web Applications

Module 15: SQL Injection

Module 16: Hacking Wireless Networks

Module 17: Hacking Mobile Platforms

Module 18: IOT and OT Hacking

Module 19: Cloud Computing

Module 20: Cryptography

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