

TITLE	DURATION
Ethical Hacking v8	40 H.

Overview

This class will immerse the student into an interactive environment where they will be shown how to scan, test, hack and secure their own systems. Students then learn how intruders escalate privileges and what steps can be taken to secure a system.

Outlines

Module 01: Introduction to Ethical Hacking

Module 02: Footprinting and Reconnaissance

Module 03: Scanning Networks

Module 04: Enumeration

Module 05: System Hacking

Module 06: Trojans and Backdoors

Module 07: Viruses and Worms

Module 08: Sniffers

Module 09: Social Engineering

Module 10: Denial of Service

Module 11: Session Hijacking

Module 12: Hacking Webservers

Module 13: Hacking Web Applications

Module 14: SQL Injection

Module 15: Hacking Wireless Networks

Module 16: Evading IDS, Firewalls, and Honeypots

Module 17: Buffer Overflow

Module 18: Cryptography

Module 19: Penetration Testing