



Welcome to
Certified Ethical Hacker
Class!

<http://www.eccouncil.org>

EC-Council



Ethical Hacking

Version 6

Student Introduction



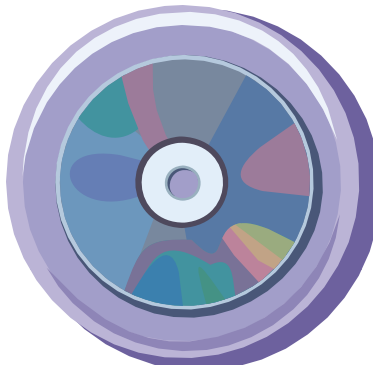
Version: CEH 6.02

Introductions



- ◉ Name
- ◉ Company Affiliation
- ◉ Title / Function
- ◉ Job Responsibility
- ◉ System security related experience
- ◉ Expectations

Course Materials



- ◉ Identity Card
- ◉ Student Courseware
- ◉ Lab Manual/Workbook
- ◉ Compact Disc
- ◉ Course Evaluation
- ◉ Reference Materials

Course Outline

- ◉ Module 1: Introduction to Ethical Hacking
- ◉ Module 2: Hacking Laws
- ◉ Module 3: Footprinting
- ◉ Module 4: Google Hacking
- ◉ Module 5: Scanning
- ◉ Module 6: Enumeration
- ◉ Module 7: System Hacking
- ◉ Module 8: Trojans and Backdoors
- ◉ Module 9: Viruses and Worms
- ◉ Module 10: Sniffers

Course Outline (contd.)

- ◉ Module 11: Social Engineering
- ◉ Module 12: Phishing
- ◉ Module 13: Hacking Email Accounts
- ◉ Module 14: Denial-of-Service
- ◉ Module 15: Session Hijacking
- ◉ Module 16: Hacking Web Servers
- ◉ Module 17: Web Application Vulnerabilities
- ◉ Module 18: Web-Based Password Cracking Techniques
- ◉ Module 19: SQL Injection
- ◉ Module 20: Hacking Wireless Networks
- ◉ Module 21: Physical Security
- ◉ Module 22: Linux Hacking

Course Outline (contd.)

- ◉ Module 23: Evading IDS, Firewalls and Detecting Honey Pots
- ◉ Module 24: Buffer Overflows
- ◉ Module 25: Cryptography
- ◉ Module 26: Penetration Testing
- ◉ Module 27: Covert Hacking
- ◉ Module 28: Writing Virus Codes
- ◉ Module 29: Assembly Language Tutorial
- ◉ Module 30: Exploit Writing
- ◉ Module 31: Smashing the Stack for Fun and Profit
- ◉ Module 32: Windows Based Buffer Overflow Exploit Writing
- ◉ Module 33: Reverse Engineering

Course Outline (contd.)

- ◉ Module 34: MAC OS X Hacking
- ◉ Module 35: Hacking Routers, cable Modems and Firewalls
- ◉ Module 36: Hacking Mobile Phones, PDA and Handheld Devices
- ◉ Module 37: Bluetooth Hacking
- ◉ Module 38: VoIP Hacking
- ◉ Module 39: RFID Hacking
- ◉ Module 40: Spamming
- ◉ Module 41: Hacking USB Devices
- ◉ Module 42: Hacking Database Servers
- ◉ Module 43: Cyber Warfare- Hacking, Al-Qaida and Terrorism

- ◉ Module 44: Internet Content Filtering Techniques
- ◉ Module 45: Privacy on the Internet
- ◉ Module 46: Securing Laptop Computers
- ◉ Module 47: Spying Technologies
- ◉ Module 48: Corporate Espionage- Hacking Using Insiders
- ◉ Module 49: Creating Security Policies
- ◉ Module 50: Software Piracy and Warez
- ◉ Module 51: Hacking and Cheating Online Games
- ◉ Module 52: Hacking RSS and Atom
- ◉ Module 53: Hacking Web Browsers (Firefox, IE)
- ◉ Module 54: Proxy Server Technologies

- ◉ Module 55: Data Loss Prevention
- ◉ Module 56: Hacking Global Positioning System (GPS)
- ◉ Module 57: Computer Forensics and Incident Handling
- ◉ Module 58: Credit Card Frauds
- ◉ Module 59: How to Steal Passwords
- ◉ Module 60: Firewall Technologies
- ◉ Module 61: Threats and Countermeasures
- ◉ Module 62: Case Studies
- ◉ Module 63: Botnets
- ◉ Module 64: Economic Espionage
- ◉ Module 65: Patch Management
- ◉ Module 66: Security Convergence
- ◉ Module 67: Identifying the Terrorist

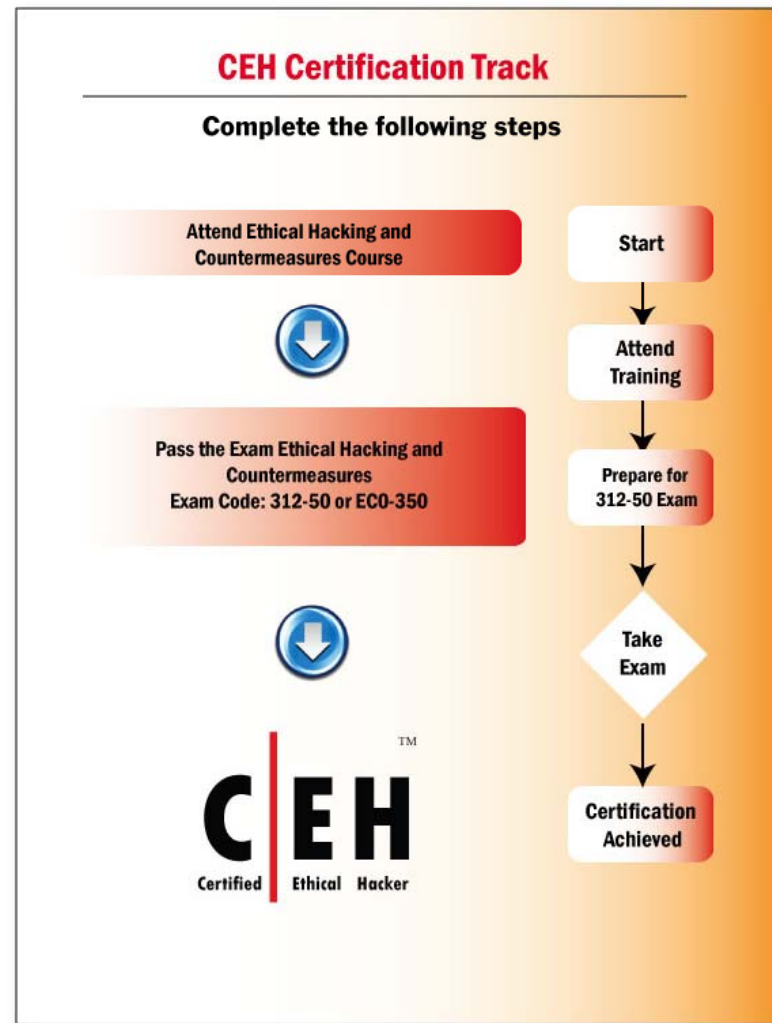
Self Study Modules

- ⦿ CEHv6 Curriculum consists of Instructor Led Training and Self Study
- ⦿ The Instructor will cover Modules 1 – 25 in the classroom
- ⦿ The self study Modules 26 to 67 and Modules 11,12,13 and 21 will not be covered in the classroom and the student needs to study these on their own
- ⦿ Your instructor will provide details of additional modules marked for self-study (if any)
- ⦿ The entire courseware for the self study modules are provided on the DVD

There are several levels of certification tracks under EC-Council Accreditation body:

1. Certified e-Business Associate
2. Certified e-Business Professional
3. Certified e-Business Consultant
4. E++ Certified Technical Consultant
5. **Certified Ethical Hacker (CEH)** ← *You are here*
6. Computer Hacking Forensic Investigator (CHFI)
7. EC-Council Certified Security Analyst (ECSA)
8. EC-Council Certified Secure Programmer (ECSA)
9. Certified Secure Application Developer (CSAD)
10. Licensed Penetration Tester (LPT)
11. Master of Security Science (MSS)

Certified Ethical Hacker Track

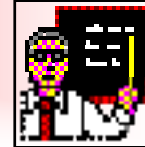


CEHv6 Exam Information

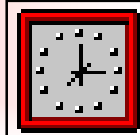
- ◉ Exam Title: Ethical Hacking and Countermeasures v6
- ◉ Exam code: 312-50 / EC0-350
- ◉ No. of Questions: 150
- ◉ Duration: 4 hours
- ◉ Availability: Prometric Prime/ Prometric APTC/ VUE
- ◉ Passing score: 70%
- ◉ The instructor will tell you about the exam schedule / exam voucher details for your training
- ◉ This is a **difficult** exam and requires extensive knowledge of CEH 67 Modules

Student Facilities

Class Hours



Building Hours



Phones



Parking



Messages



Restrooms



Smoking



Meals



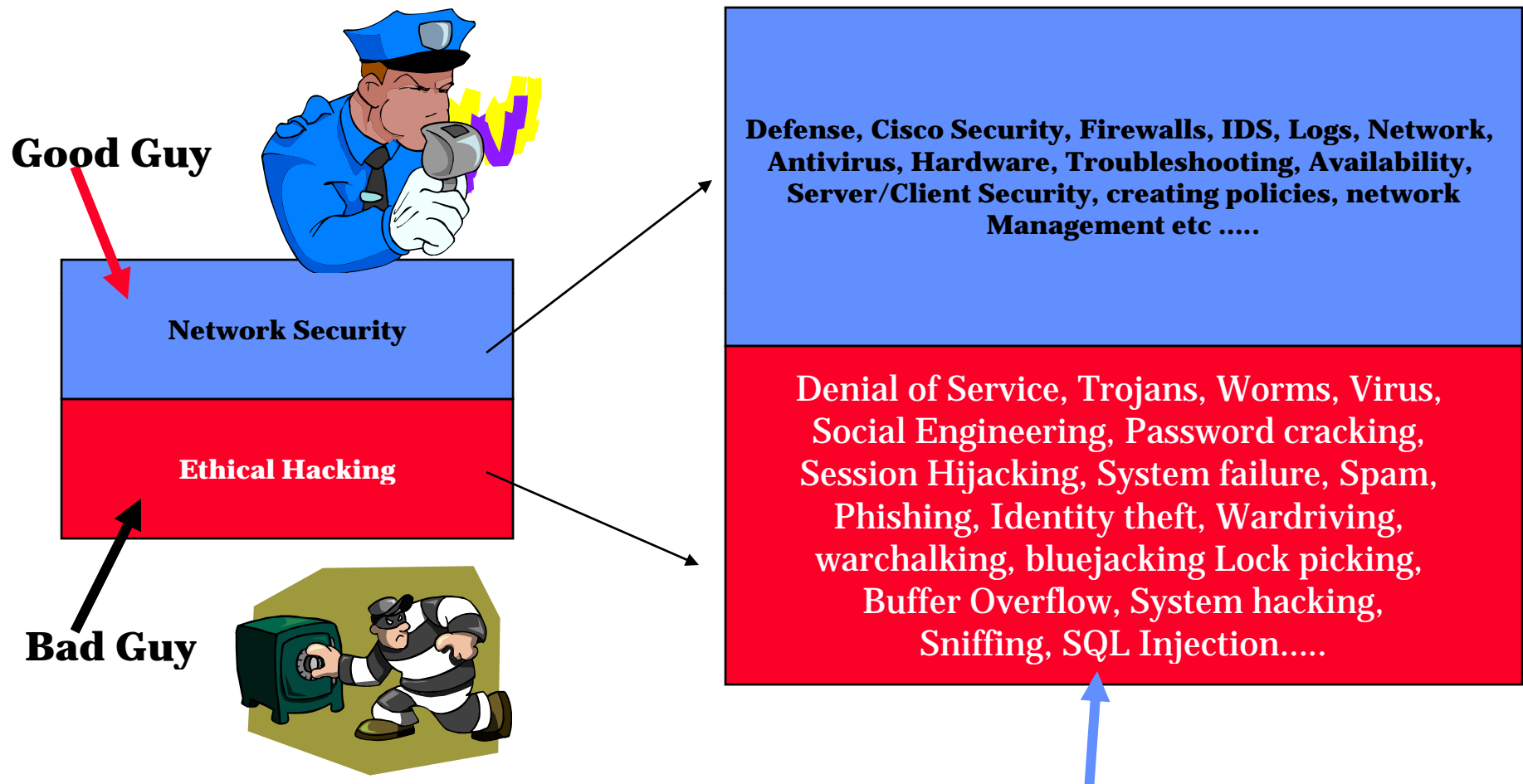
Recycling





- ◉ Lab Sessions are designed to reinforce the classroom sessions
- ◉ The sessions are intended to give a hands on experience only and does not guarantee proficiency
- ◉ There are tons of labs in the DVD. Please practice these labs back at home

What does CEH teach you?



This is What CEH Teaches You!

What CEH is NOT?

- ⊙ CEH class is NOT a **Network Security** training program
 - Please attend EC-Council's ENSA class for that
- ⊙ CEH class is NOT a **Security Analysis** training program
 - Please attend EC-Council's ECSA class for that
- ⊙ CEH class is NOT a **Security Testing** training program
 - Please attend EC-Council's LPT class for that

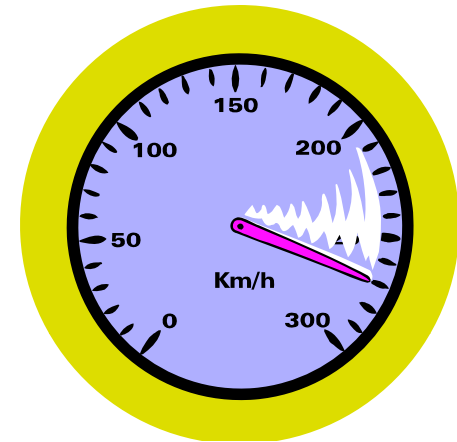
**CEH class is 100% NETWORK OFFENSIVE
Training Program**

Remember This!

The CEH Program
Teaches you 100%
Network Offensive
Training and not
Defensive

CEH Class Speed

- ⦿ The CEH class is **extremely fast paced**
- ⦿ The class “speed” can be compared to the climax scene from the movie Mission Impossible (Bullet train sequence)
- ⦿ There are tons of hacking tools and hacking technologies covered in the curriculum
- ⦿ The instructor **WILL NOT** be able to demonstrate **ALL** the tools in this class
- ⦿ He will showcase only **selected tools**
- ⦿ The Students are required to practice with the tools not demonstrated in the class on their own



- ◉ Please target your exercises for “Live Hacking” to www.certifiedhacker.com
- ◉ This website is meant for the students to try the tools on live target
- ◉ Please refrain from using the exploits on any other domains on the Internet



CEH Classroom Attack Lab Website

NDA Document

- ⦿ Please read the contents of the provided EC-Council's CEH NDA document
- ⦿ Sign this document and hand it over to the instructor
- ⦿ We will NOT start the class unless you **sign** this document
- ⦿ Please approach the instructor if you are not presented with this document



Lets Start Hacking!