Course Title: Certified Ethical Hacker (CEH)	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Prometric Exam
Qualification: Certified Ethical Hacker (CEH) Certificate	

Course Syllabus

Our Certified Ethical Hacker (CEH) training course will cover the following topics:

- Types of penetration testing, security audit, vulnerability assessment and testing roadmap.
- Footprinting, footprinting tools and countermeasures.
- Network scanning techniques and countermeasures.
- Enumeration techniques and countermeasures.
- System hacking methodology, steganography, steganalysis attacks and covering tracks.
- Trojans, Trojan analysis and Trojan countermeasures.
- Viruses, virus analysis, computer worms, malware analysis procedure and countermeasures.
  Packet-sniffing techniques and how to defend against sniffing.
- Social engineering techniques, identify theft and countermeasures.
- DoS/DDoS attack techniques, botnets and attack tools.
- Session hijacking techniques and countermeasures.
- Types of web server and web application attacks, attack methodology and countermeasures.
- SQL injection attacks and injection detection tools.
- Wireless encryption, wireless hacking methodology and wireless hacking tools.
- Mobile platform attack vectors, Android vulnerabilities, jailbreaking iOS, Windows 8 mobile vulnerabilities, mobile security guidelines, and tools.
- Firewall, IDS and honeypot evasion techniques, evasion tools and countermeasures.
- Cloud computing concepts, threats, attacks, security techniques and tools.
- Cryptography ciphers, public key infrastructure (PKI), cryptography attacks and cryptanalysis tools.

Course Overview

Our five-day Certified Ethical Hacker (CEH) training course teaches you the attack strategies, tactics, technologies and tools used by criminal hackers.

Our Certified Ethical Hacker (CEH) training course will show you how to plan and perform Ethical Hacking (Penetration Testing).

Course Learning Outcomes

Ethical Hacking (Penetration Testing) refers to the exploitation of an IT system with the permission of its owner in order to determine its vulnerabilities. It results in recommendations for preventive and corrective countermeasures to mitigate the risk of cyber attacks

A Certified Ethical Hacker is a skilled professional who understands and knows how to look for weaknesses and vulnerabilities in target systems, and uses the same knowledge and tools as those used by malicious hackers. Launched in 2003 by the EC-Council, the Certified Ethical Hacker (CEH) certification is globally recognised as the vendor-neutral qualification of choice for developing a senior career in penetration testing and Digital Forensics.

The Certified Ethical Hacker (CEH) training course is provided by IT Governance in cooperation with the EC council.

Audience

Our Certified Ethical Hacker (CEH) training course will significantly benefit Security Officers, Auditors, Security Professionals, Site Administrators and anyone who is concerned about the integrity of network infrastructure. It is an ideal first qualification for building a career as a penetration testing or Digital Forensics Professional.

Entry-Level Requirements

You are expected to have a minimum of 2 years' working experience of IT networks and systems. While there are no prerequisite qualifications, Microsoft MCSE or CCNA equivalent knowledge is highly recommended.

You will need a laptop for the duration of your Certified Ethical Hacker (CEH) training course. Please make sure your computer has:

- RAM: Minimum 8 GB
- Processor: i7 or above
- HDD: 500 GB (preferably SSD)

Recommended Reading

There is no recommended reading with our Certified Ethical Hacker (CEH) training course.

What's Included

Our Certified Ethical Hacker (CEH) training course includes the following:

- Full course materials (digital copy provided as a PDF file).
- The EC-Council Certified Ethical Hacker exam voucher.
- A certificate of attendance.

Exam Information

Certified Ethical Hacker (CEH) Examination:

The exam consists of 125 multiple-choice questions which be must completed in a 4-hour time period.

You will receive an exam voucher that allows you to sit the CEH (312-50 (ECC EXAM), 312-50 (VUE)) exam.

Please Note: The cost of the exam voucher is included in the training course purchase price.

The exam voucher is valid for one year from the date of receipt. You may take this exam either at an ECC Exam Centre or Pearson VUE Centre.

Your access to the EC-Council iLabs will be given to you during the course and will be available for six months after the course.

What's Next

Our Certified Information Systems certificates have emerged as key qualifications for Security Professionals. More and more organisations are demanding experienced Information Security Professionals with the qualifications to prove that you can protect their valuable information and assets. It is the ideal time to achieve and maintain up to date qualifications. Purple Griffon currently offer the following Certified Information Systems classroom-based training courses:

- Certified Information Systems Auditor (CISA)
- Certified Information Security Manager (CISM)
- Certified Information Systems Security Professional (CISSP)
- BCS Certificate In Information Security Management Principles (CISMP)
- Certified In Risk & Information Systems Control (CRISC)

Additional Information

Ethical Hacking is a profession that is becoming popular. Our Certified Ethical Hacker (CEH) training course will get you certified and you will be able to hack or enter in the systems of organisations to determine the problems of the security network and find suitable solutions. You will become a Certified Hacking Professional.