



**Certificate in
Ethical Hacking
And
Cyber Forensics**

About

An integrated program, which is a blend of theory and practical, required to be an expert in the latest cutting-edge hacking and forensics techniques used by a real time hackers and forensics professionals which helps an ethical hacker to fight against recent cyber-attacks and cyber threats and forensics professionals with knowledge in forensics tools and techniques. A unique program which exposes one to both hacking and forensics skill ecosystem.



Duration
110 Hours

Delivery Mode
Online

Target Audience

This certification is meant for anyone interested in learning Ethical Hacking and Cyber Forensics. They may be Graduates, Under Graduates or working professionals interested to update their knowledge with certification.



What You will learn:

Introduction To Cyber World

- Basics of Cyber world
- Cyber Security goals
- Introduction to cyber security and its scope

IT Networking

- Understanding LAN
- Defining Networks with the OSI model
- Wired and Wireless Networks
- Understanding IP
- Implementing TCP/IP in the command line
- Working with Networking services
- Understanding WAN
- Network Infrastructures and Network Security

Networking and Security

- Understand Operating System Security
- Understand Security Layers
- Understand Network Security
- Understand Security Software

Cyber Security Fundamentals

- Cyber attacks
- Basic cyber security measures
- Cyber attackers and attacks in E-Platform

Ethical Hacking

- Introduction to Ethical Hacking
- Ethical Hacking – Fingerprinting
- Ethical Hacking - Sniffing
- Threat Analysis
- Auditing, Documentation, and Logs
- Operate, Maintain, and Install
- Infrastructure and Deployment
- Identification, Authentication, and Authorization
- Cryptography
- Hacking techniques

Cyber Forensics

- Introduction to Cyber Forensics
- Analysis
- Discovery
- Evidence
- Documentation and Reporting



Microsoft
Technology Associate

EC-Council | **Associate**



How you will Benefit

Cybersecurity skills are in high demand

According to Bureau of Labor Statistics, the demand for cybersecurity talent continues to outstrip supply. Information security analysts' employment is projected to grow 56 percent from 2016 to 2026, much faster than the average for all occupations. Demand for jobs in cybersecurity is expected to be very high, as these analysts will be needed to create innovative solutions to prevent hackers from stealing critical information or accessing unsecure networks.

Prepare your students for a job market with little to zero unemployment.

Banks and financial institutions, as well as other types of corporations, will need to increase their information security capabilities in the face of growing cybersecurity threats. In addition, as the healthcare industry expands its use of electronic medical records, ensuring patients' privacy and protecting personal data are becoming more important. More information security analysts are likely to be needed to create the safeguards that will satisfy patients' concerns. The increasing adoption of cloud services by small and medium-sized businesses and a rise in cybersecurity threats will create demand for managed security services providers in this industry.



Badges

Digital badges are web-enabled versions of a credential, certification or learning outcome. Representing your credential as a badge gives you the ability to share your skills online in a way that is simple, trusted and can be easily verified in real time. Your digital badge makes it easy for you to validate abilities with potential employers on social media sites such as LinkedIn, Facebook and Twitter, as well as email, resume and online portfolios.



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