

GIAC® Security Essentials Certification (GSEC)

Duration: 5 Days Course Code: GK100373

Overview:

Learn the most effective steps to prevent attacks and detect adversaries with actionable techniques.

With the rise in advanced persistent threats, it is almost inevitable that organizations will be targeted. Whether the attacker is successful in penetrating an organization's network depends on the effectiveness of the organization's defense. Defending against attacks is an ongoing challenge, with new threats emerging all of the time, including the next generation of threats. Organizations need to understand what really works in cybersecurity. What has worked, and will always work, is taking a risk-based approach to cyber defense.

Before your organization spends money of its IT budget or allocates any resources or time to anything in the name of cybersecurity, three questions must be answered: What is the risk? Is it the highest priority risk? What is the most cost-effective way to reduce the risk?

Security is all about making sure you focus on the right areas of defense. You will learn the language and underlying theory of computer and information security. You will gain the essential and effective security knowledge you will need if you are given the responsibility for securing systems and/or organizations.

Target Audience:

Anyone new to information security who has some background in information systems & networking
Security professionals
Security managers
Operations personnel
IT engineers and supervisors
Security administrators
Forensic analysts
Penetration testers
Auditors

Objectives:

- To develop effective security metrics that provide a focused playbook that IT can implement, auditors can validate, and executives can understand
- Why some organizations are winning and some are losing when it comes to security and, most importantly, how to be on the winning side
- To analyze and assess the risk to your environment in order to drive the creation of a security roadmap that focuses on the right areas of security
- The core areas of security and how to create a security program that is anchored on PREVENT-DETECT-RESPOND.
- Practical tips and tricks to focus in on high-priority security problems within your organization and on doing the right things that will lead to security solutions that work

Prerequisites:

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Testing and Certification

GIAC Security Essentials (GSEC) exam is not included in the

- 1 proctored exam
- 106-180 questions
- Time limit of 4-5 hours
- Minimum passing score of 73%

Content:

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| ■ Chapter 1: Information Security and the
GIAC Security Essentials Certification | ■ Chapter 6: Linux | ■ Chapter 11: Vulnerability Control |
| ■ Chapter 2: Networking Fundamentals | ■ Chapter 7: Windows | ■ Chapter 12: Malware |
| ■ Chapter 3: Network Design | ■ Chapter 8: Encryption | ■ Chapter 13: Physical Security |
| ■ Chapter 4: Authentication and Access
Control | ■ Chapter 9: Risk Management | ■ Chapter 14: Wireless Technologies |
| ■ Chapter 5: Network Security | ■ Chapter 10: Virtual Machines | ■ Chapter 15: VoIP |
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Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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