



Kenel Academy

Unleashing Potential...Transforming Careers

CYBER SECURITY AWARENESS

Training Course

2024

www.kenelacademy.com

Cyber Security Awareness

Duration: 1-2 Days

Location Options: Onsite or Offsite (Flexible Delivery Options)

Certification: Certificate of Attendance & Achievement upon Completion

Course Overview

Cyber threats are growing in complexity and frequency, posing significant risks to organizations worldwide. The Cyber Security Awareness Training Course is designed to empower employees, IT professionals, and business leaders with the knowledge and skills to recognize, prevent, and respond to these threats effectively.

This 1-2 day course covers essential topics, including the fundamentals of cyber security, the difference between Information Security (InfoSec) and Cyber Security, common threats and vulnerabilities, preventative measures, and incident response strategies. Delivered in an engaging format with hands-on activities, this course ensures participants can apply best practices immediately. Upon completion, attendees will earn a Certificate of Attendance & Achievement, recognizing their commitment to creating a secure organizational environment.

Course Syllabus

This course covers a broad range of topics to ensure participants develop a good awareness and understanding of cyber security:

Module 1: Introduction to Cyber Security

- Understanding cyber security and its significance in the digital age.
- Overview of threats, including phishing, malware, and hacking.
- The CIA Triad: Confidentiality, Integrity, Availability.

Module 2: Information Security (InfoSec) vs Cyber Security

- Defining InfoSec and its role in protecting both physical and digital information.
- Differences between Cyber Security and InfoSec and their complementary roles.
- Key InfoSec concepts: Access controls, encryption, and compliance.

Module 3: Understanding Common Cyber Threats

- Overview of phishing, malware, insider threats, and DDoS attacks.
- Identifying vulnerabilities like weak passwords and unpatched systems.
- Activity: Phishing email simulation to spot red flags.

Module 4: Preventative Measures and Best Practices

- Creating strong passwords, using MFA, and safe browsing habits.
- Organizational best practices: Security policies, penetration testing, and backup plans.
- Activity: Role-play scenarios to practice responding to suspicious activities.

Module 5: Incident Response and Reporting

- Steps for effective incident response: Detection, containment, eradication, and recovery.
- Roles and responsibilities of Incident Response Teams (IRT).
- Activity: Tabletop exercise to develop an incident response plan for a breach scenario.

Module 6: Communicating Cyber Security in the Organization

- Building a security-aware culture through training and leadership support.
- Effective communication strategies for policies, updates, and breaches.

Module 7: Legal, Regulatory, and Compliance Considerations

- Key regulations (e.g., GDPR, HIPAA) and their impact on cyber security practices.
- Data privacy, breach notifications, and maintaining compliance.

Module 8: Emerging Trends and Future Threats in Cyber Security

- Insights into AI, ransomware-as-a-service (RaaS), and zero-trust security models.
- Preparing your organization for evolving threats in the cyber landscape.

Course Benefits

This course provides tangible benefits for both participants and organizations:

- **Enhanced Security Awareness:** Equip employees with the skills to identify threats such as phishing, malware, and insider risks.
- **Improved Risk Mitigation:** Learn preventative measures and best practices to protect sensitive data and IT infrastructure.
- **Effective Incident Response:** Develop strategies for detecting, containing, and recovering from cyber incidents to minimize damage.
- **Regulatory Compliance:** Gain insights into legal and regulatory requirements, such as GDPR and HIPAA, ensuring organizational compliance.

- **Fostering a Security Culture:** Build a workplace where employees actively contribute to cyber security initiatives.

Participants who complete the course will receive a **Certificate of Attendance & Achievement**, signifying their awareness of cyber security threats to the organisations operations.

Flexible Delivery Options

Our course can be delivered **onsite at your organization** for convenience or **offsite** at a location that provides a dedicated learning environment. With flexible delivery options, we ensure that your team can benefit from this training in the setting that best suits your needs.

Contact Us Today to Schedule Your Cyber Security Awareness Training!

Equip your team with the knowledge and skills to safeguard against cyber threats and protect valuable assets. Contact us now to schedule your training session and learn how this course can transform your organization's approach to cyber security.

Contact the training and sales team at : info@kenelacademy.com