

Cyber Security

Every organization is responsible for ensuring Cyber Security. The protect its information systems from impairment or even theft is to success. Implementing effective security measures will not only liability protection; it will also increase efficiency and productivity.

With our Cyber Security workshop your participants will understand the different types of malware and security breaches. effective prevention methods which will increase overall security. also understand the basic concepts associated with Cyber Security company needs to stay secure.



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Course Outline:

Module One: Getting Started

- Icebreaker
- Housekeeping Items
- The Parking Lot
- Workshop Objectives

Module Two: Cyber security Fundamentals

- What is Cyberspace?
- What is Cyber security?
- Why is Cyber security Important?
- What is a Hacker?
- Case Study
- Module Two: Review Questions

Module Three: Types of Malware

- Worms
- Viruses
- Spyware
- Trojans
- Case Study
- Module Three: Review Questions

Module Four: Cyber Security Breaches

- Phishing
- Identity Theft
- Harassment
- Cyberstalking
- Case Study
- Module Four: Review Questions

Module Five: Types of Cyber Attacks

- Password Attacks
- Denial of Service Attacks
- Passive Attack
- Penetration Testing
- Case Study
- Module Five: Review Questions

Module Six: Prevention Tips

- Craft a Strong Password
- Two-Step Verification
- Download Attachments with Care
- Question Legitimacy of Websites
- Case Study
- Module Six: Review Questions

Module Seven: Mobile Protection

- No Credit Card Numbers
- Place Lock on Phone
- Don't Save Passwords
- No Personalized Contacts Listed
- Case Study
- Module Seven: Review Questions

Module Eight: Social Network Security

- Don't Reveal Location
- Keep Birthdate Hidden
- Have Private Profile
- Don't Link Accounts
- Case Study
- Module Eight: Review Questions

Module Nine: Prevention Software

- Firewalls
- Virtual Private Networks
- Anti-Virus & Anti-Spyware
- Routine Updates
- Case Study
- Module Nine: Review Questions

Module Ten: Critical Cyber Threats

- Critical Cyber Threats
- Cyber terrorism
- Cyberwarfare
- Cyberespionage
- Case Study
- Module Ten: Review Questions

Module Eleven: Defense against Hackers

- Cryptography
- Digital Forensics
- Intrusion Detection
- Legal Recourse
- Case Study
- Module Eleven: Review Questions

Module Twelve: Wrapping Up

- Words from the Wise
- Review of Parking Lot
- Lessons Learned
- Completion of Action Plans and Evaluations