

FUNDAMENTALS OF CYBERSECURITY

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|--------------------|---------------|---------------------|------------|
| Start Date: | 15/11/2026 | End Date: | 19/11/2026 |
| Categories: | Cybersecurity | Venues: | Dubai |
| Formats: | In Person | Instructors: | |

OVERVIEW

This foundational course introduces key concepts, tools, and best practices in cybersecurity. Participants will gain essential knowledge to understand threats, secure systems, and contribute to an organization's cyber defense strategy.

OBJECTIVES

By the end of this course, participants will be able to:

- Identify key types of cybersecurity threats and vulnerabilities.
- Understand core principles of information security.
- Apply basic security measures to protect data and systems.
- Recognize the role of firewalls, antivirus, and encryption.
- Contribute to a secure workplace culture and policy adherence.

COURSE OUTLINE

1- Cybersecurity Overview and Threat Landscape
2- Information Security Principles (CIA Triad)
3- Endpoint Protection, Firewalls, and Antivirus
4- Secure Passwords, Authentication, and Access Control
5- Best Practices for Individuals and Organizations

TARGET AUDIENCE

All Supervisory Levels, General staff, entry-level IT, administrative employees, and anyone looking to understand basic cybersecurity.

METHODOLOGY

Threat simulations, case discussions, demo labs, and awareness games.

CONCLUSION

Participants will be able to recognize risks, apply safe digital habits, and support their organization's cyber hygiene.

DAILY AGENDA

Day 1: Cybersecurity Landscape

Overview of common threats like phishing, malware, and ransomware.

Day 2: Security Principles and Concepts

Understand confidentiality, integrity, and availability in security frameworks.

Day 3: System Protection Tools

Review antivirus, firewalls, patches, and endpoint protection tools.

Day 4: Access and Identity Management

Use secure credentials, MFA, and role-based access control.

Day 5: Cyber Awareness in Practice

Explore simulations, incident response, and policy role plays.

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