

ITCA Cyber Security Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The ITCA Cyber Security Training by Multisoft Systems is designed to provide foundational knowledge and practical skills required to start a successful career in cybersecurity. Tailored for beginners and aspiring professionals, this course focuses on core cybersecurity concepts, practices, and tools necessary to protect digital environments from threats and vulnerabilities. It covers essential topics such as network security, threat detection, data protection, risk management, and ethical hacking fundamentals.

Module 1: Introduction to IT Fundamentals

- ✓ Overview of IT and Its Role in Business
- ✓ Basics of Computer Hardware and Software
- ✓ Understanding IT Terminology and Concepts

Module 2: Networking Basics

- ✓ Fundamentals of Networking (LAN, WAN, TCP/IP)
- ✓ Introduction to Network Devices and Protocols
- ✓ Basics of Wireless Networks and Security

Module 3: IT Infrastructure and Operations

- ✓ Understanding IT Systems and Architecture
- ✓ Basics of Virtualization and Cloud Computing
- ✓ Introduction to IT Operations and Support

Module 4: Cybersecurity Essentials

- ✓ Cybersecurity Principles and Practices
- ✓ Common Threats, Vulnerabilities, and Attacks
- ✓ Basics of Access Control and Encryption

Module 5: Data Management

- ✓ Data Storage, Backup, and Recovery Basics
- ✓ Introduction to Databases and SQL Concepts
- ✓ Fundamentals of Data Privacy and Security

Module 6: IT Problem Solving and Troubleshooting

- ✓ Common IT Issues and How to Address Them
- ✓ Tools and Techniques for Troubleshooting

- ✓ Developing Critical Thinking Skills in IT

Module 7: Professional Skills and Ethics

- ✓ Communication Skills for IT Professionals
- ✓ Ethical Practices in IT
- ✓ Understanding Compliance and Regulatory Requirements

Module 8: Certification Exam Preparation

- ✓ Comprehensive Review of Key Topics
- ✓ Practice Questions and Mock Exams
- ✓ Tips and Strategies for Certification Success