

A graphic featuring a blue circuit board background with a central padlock icon and a gear-like structure, all enclosed within a yellow and white geometric frame.

Cyber Security and Technology

Cybersecurity with Cybers A Practical Approach

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- Location: London
 - Date: From 3/3/2025 To 7/3/2025
 - Investment: \$5950 (Excluding VAT)



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ACADEMY

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Course Introduction

This 5-day intensive course provides a unique and engaging approach to cybersecurity education, combining theoretical knowledge with hands-on exercises and interactive simulations. Participants will gain a deep understanding of the evolving threat landscape, develop essential cybersecurity skills, and learn to apply these skills in real-world scenarios.

Training Method

- Pre-assessment
 - Live group instruction
 - Use of real-world examples, case studies and exercises
 - Interactive participation and discussion
 - Power point presentation, LCD and flip chart
 - Group activities and tests
 - Each participant receives a binder containing a copy of the presentation
 - slides and handouts
 - Post-assessment
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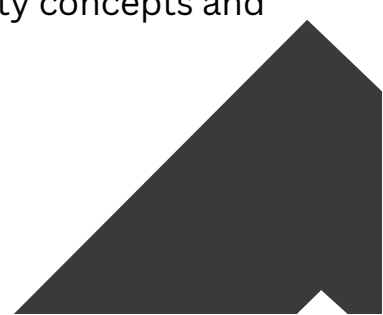
Course Objectives

Upon successful completion of this course, participants will be able to:

- Understand the fundamentals of cybersecurity: Core concepts, threats, vulnerabilities, and attack vectors.
- Identify and assess cybersecurity risks and vulnerabilities within an organization.
- Implement basic security controls such as firewalls, intrusion detection systems (IDS), and antivirus software.
- Conduct basic threat intelligence gathering and analysis.
- Respond effectively to common cyber security incidents such as phishing attacks and malware infections.
- Develop and implement basic security awareness training programs.
- Gain practical experience with cybersecurity tools and technologies through hands-on exercises and simulations.
- Develop a foundational understanding of cybersecurity best practices and compliance frameworks.

Who Should Attend?

This course is designed for a wide range of individuals interested in cybersecurity, including:

- IT professionals (system administrators, network engineers, help desk technicians)
 - Business professionals in various roles (marketing, sales, human resources)
 - Students interested in pursuing a career in cybersecurity
 - Anyone seeking to improve their understanding of cybersecurity concepts and best practices
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Course Outline


Day 1: Cybersecurity Fundamentals

- Introduction to Cybersecurity: Core Concepts and Principles
- The Evolving Threat Landscape: Malware, Phishing, Ransomware, IoT Vulnerabilities
- Common Attack Vectors: Social Engineering, Phishing, Malware, Denial-of-Service (DoS) Attacks
- Cybersecurity Best Practices: Strong Passwords, Data Encryption, Two-Factor Authentication
- Hands-on Lab: Phishing Simulations and Awareness Training Exercises

Day 2: Network Security Basics

- Network Security Concepts: Firewalls, Intrusion Detection Systems (IDS), Virtual Private Networks (VPNs)
- Basic Network Security Configuration and Troubleshooting
- Wi-Fi Security and Best Practices
- Hands-on Lab: Basic Network Security Configuration and Troubleshooting Exercises

Day 3: Endpoint Security and Data Protection


- Endpoint Security Solutions: Antivirus, Anti-malware, Endpoint Detection and Response (EDR)
 - Data Loss Prevention (DLP) and Data Encryption
 - Mobile Device Security
 - Hands-on Lab: Malware Analysis and Removal, Endpoint Security Configuration
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Course Outline

Day 4: Incident Response and Disaster Recovery

- Incident Response Planning and Procedures
- Incident Handling and Response Techniques
- Disaster Recovery Planning and Business Continuity
- Hands-on Lab: Incident Response Simulation and Tabletop Exercises

Day 5: Cybersecurity Awareness and Future Trends

- Cybersecurity Awareness Training and Best Practices
 - The Human Factor in Cybersecurity: Social Engineering and Insider Threats
 - Emerging Cybersecurity Threats: AI, IoT, Cloud Computing
 - The Future of Cybersecurity: Career Paths and Professional Development
 - Hands-on Lab: Cyber Security Games and Challenges
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Registration & Payment

Complete & Mail to London Royal Academy or email
registration@londonra.com



Registration Form

- Full Name (Mr / Ms / Dr / Eng)
- Position
- Telephone / Mobile
- Personal E-Mail
- Official E-Mail
- Company Name
- Address
- City / Country

Payment Options

- ☐ Please invoice me
- ☐ Please invoice my company





Terms & Conditions

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Cancellation and Refund Policy

Delegates have 14 days from the date of booking to cancel and receive a full refund or transfer to another date free of charge. If less than 14 days' notice is given, then we will be unable to refund or cancel the booking unless on medical grounds. For more details about the Cancellation and Refund policy, please visit

www.londonra.com/terms-and-conditions/

Registration & Payment

Please complete the registration form on the course page & return it to us indicating your preferred mode of payment. For further information, please get in touch with us

Course Materials


The course material, prepared by the LRA, will be digital and delivered to candidates by email

Certificates

Accredited Certificate of Completion will be issued to those who attend & successfully complete the programme.

Travel and Transport

We are committed to picking up and dropping off the participants from the airport to the hotel and back.



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THANK YOU

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