



Cyber Security and Technology

Unbreakable: Cyber Security Training

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- Location: London
 - Date: From 13/1/2025 To 17/1/2025
 - Investment: \$5950 (Excluding VAT)



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ACADEMY


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Course Introduction

Unbreakable: Cyber Security Training is a 5-day intensive course designed to equip participants with the knowledge and skills to protect their digital assets from cyber threats. This course will delve into the fundamental principles of cybersecurity, advanced techniques, and emerging threats

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 completion of this course, participants will be able to:

- Understand the cybersecurity landscape: including common cyber threats, vulnerabilities, and attack vectors.
- Implement effective security controls: to protect networks, systems, and data.
- Conduct security assessments and penetration testing: to identify weaknesses and vulnerabilities.
- Respond to security incidents: and minimize damage.
- Stay updated on the latest cybersecurity trends and technologies: to stay ahead of emerging threats.

Who Should Attend?

This course is suitable for:

- IT professionals
 - Network engineers
 - System administrators
 - Cybersecurity analysts
 - Anyone interested in cybersecurity
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Course Outline

Day 1: Cybersecurity Fundamentals

- Introduction to Cybersecurity:
 - o The cybersecurity landscape
 - o Common cyber threats (malware, phishing, hacking)
 - o Risk assessment and management
- Network Security:
 - o Firewalls, intrusion detection systems (IDS), and intrusion prevention systems (IPS)
 - o Network segmentation and access control
 - o Network vulnerability scanning and penetration testing

Day 2: Cryptography and Secure Communication

- Cryptography Basics:
 - o Encryption algorithms (symmetric and asymmetric)
 - o Digital signatures and certificates
 - o Key management and distribution
- Secure Communication Protocols:
 - o HTTPS and TLS
 - o VPNs and remote access
 - o Secure email and messaging

Day 3: Incident Response and Digital Forensics

- Incident Response Planning:
 - o Incident response teams and procedures
 - o Incident handling and investigation
 - o Digital forensics techniques
- Malware Analysis:
 - o Malware types and behavior
 - o Malware analysis tools and techniques
 - o Malware prevention and detection

Course Outline

Day 4: Cloud Security and Application Security

- Cloud Security:
 - o Cloud security models (IaaS, PaaS, SaaS)
 - o Cloud security risks and best practices
 - o Cloud security tools and technologies
- Application Security:
 - o Web application security vulnerabilities
 - o OWASP Top 10
 - o Secure coding practices

Day 5: Emerging Threats and Future Trends

- Advanced Persistent Threats (APTs):
 - o Tactics, techniques, and procedures (TTPs) of APTs
 - o Detecting and responding to APTs
- IoT Security:
 - o IoT vulnerabilities and attacks
 - o Securing IoT devices and networks
- Artificial Intelligence and Cybersecurity:
 - o AI-powered security tools and techniques
 - o Ethical considerations in AI and cybersecurity

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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