

A graphic featuring a blue circuit board background with glowing blue dots. In the center is a white padlock icon surrounded by concentric circles and lines, suggesting a digital fortress or security system. The entire graphic is framed by yellow and white geometric shapes.

Cyber Security and Technology

Advanced Cyber Security Protect Your Digital Fortress

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- Location: London
 - Date: From 17/2/2025 To 21/2/2025
 - Investment: \$5950 (Excluding VAT)



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Course Introduction

This 5-day intensive course delves into the advanced concepts and techniques of cybersecurity, equipping participants with the knowledge and skills to defend against sophisticated cyber threats in today's increasingly interconnected world. The course will cover a wide range of topics, from threat intelligence and incident response to advanced security technologies and best practices.

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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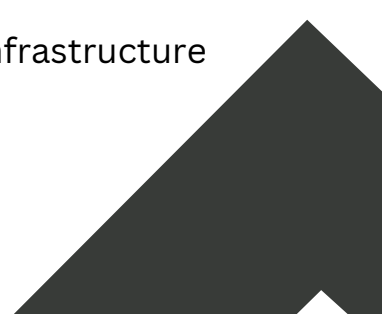
Course Objectives

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

- Understand the evolving threat landscape and emerging cyber threats (e.g., ransomware, phishing, IoT vulnerabilities, AI-powered attacks).
- Implement advanced security controls, including intrusion detection systems (IDS), intrusion prevention systems (IPS), firewalls, and endpoint security solutions.
- Conduct threat intelligence analysis and develop effective threat hunting strategies.
- Respond effectively to cyber security incidents, including incident response planning, containment, eradication, and recovery.
- Develop and implement a robust security posture for their organization.
- Understand and apply cybersecurity best practices and compliance frameworks (e.g., NIST, ISO 27001, GDPR).
- Enhance their critical thinking and problem-solving skills in the context of cybersecurity.

Who Should Attend?

This course is designed for cybersecurity professionals, IT professionals, and anyone with a strong interest in cybersecurity, including:

- Cybersecurity Analysts and Engineers
 - IT Managers and Security Administrators
 - Network Engineers and System Administrators
 - Compliance Officers
 - Auditors
 - Anyone responsible for the security of their organization's IT infrastructure
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Course Outline


Day 1: Advanced Threat Landscape and Intelligence

- Evolving Threat Landscape: Ransomware, Phishing, IoT Vulnerabilities, AI-powered Attacks
- Threat Intelligence Gathering and Analysis
- Vulnerability Assessment and Penetration Testing
- Threat Hunting Techniques

Day 2: Intrusion Detection and Prevention Systems

- IDS/IPS Technologies and Deployment
- Signature-based vs. Anomaly-based Detection
- Log Management and Security Information and Event Management (SIEM)
- Network Traffic Analysis and Forensics

Day 3: Endpoint Security and Cloud Security


- Endpoint Security Solutions (Antivirus, EDR, Endpoint Detection and Response)
 - Cloud Security Challenges and Best Practices
 - Securing Cloud Environments (AWS, Azure, GCP)
 - Data Loss Prevention (DLP) and Insider Threat Mitigation
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Course Outline

Day 4: Incident Response and Disaster Recovery

- Incident Response Planning and Procedures
- Incident Handling and Response Techniques (Containment, Eradication, Recovery)
- Digital Forensics and Incident Investigation
- Business Continuity and Disaster Recovery Planning

Day 5: Cybersecurity Frameworks and Best Practices

- Cybersecurity Frameworks (NIST, ISO 27001, GDPR)
 - Compliance and Auditing
 - Ethical Hacking and Penetration Testing
 - Emerging Trends in Cybersecurity (e.g., Zero Trust, Blockchain)
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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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