



Healthcare and Hospital Management

Revolutionising Healthcare Technology and IT Systems



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



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ACADEMY


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Course Introduction

This 5-day intensive course explores the cutting-edge technologies transforming the healthcare landscape. Participants will gain a comprehensive understanding of how advancements in IT are revolutionizing patient care, improving healthcare delivery, and enhancing operational efficiency.

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 key trends and technologies driving healthcare innovation (e.g., AI, telemedicine, genomics, IoT, blockchain).
- Analyze the impact of these technologies on various aspects of healthcare delivery (e.g., diagnosis, treatment, patient care, research).
- Explore the challenges and opportunities associated with implementing and integrating new technologies in healthcare settings.
- Discuss the ethical and legal considerations surrounding the use of healthcare technology.
- Develop strategies for leveraging technology to improve patient outcomes, enhance operational efficiency, and reduce healthcare costs.
- Understand the role of data analytics and cybersecurity in modern healthcare.

Who Should Attend?

This course is designed for a diverse audience, including:

- Healthcare professionals (doctors, nurses, pharmacists, administrators)
 - IT professionals working in healthcare
 - Healthcare executives and administrators
 - Policymakers and regulators
 - Researchers and academics interested in healthcare technology
 - Entrepreneurs and investors in the healthcare technology sector
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Course Outline


Day 1: Foundations of Healthcare Technology

- Introduction to Healthcare IT and its Evolution
- Key Trends and Technologies: AI, Machine Learning, Deep Learning
- Telemedicine and Remote Patient Monitoring
- The Role of Big Data and Analytics in Healthcare

Day 2: AI and Machine Learning in Healthcare

- AI-powered Diagnosis and Treatment
- Predictive Modeling and Risk Assessment
- AI in Drug Discovery and Development
- Ethical Considerations in AI-powered Healthcare

Day 3: Genomics and Personalized Medicine


- The Human Genome Project and its Impact
 - Precision Medicine and Personalized Treatment Plans
 - Gene Editing Technologies (CRISPR) and their Applications
 - Ethical and Social Implications of Genetic Engineering
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Course Outline

Day 4: Internet of Things (IoT) in Healthcare

- Wearable Technology and Remote Patient Monitoring Devices
- Smart Hospitals and Connected Medical Devices
- Cybersecurity in Healthcare IoT
- The Role of IoT in Public Health Surveillance

Day 5: Blockchain in Healthcare

- Blockchain Technology: Principles and Applications
 - Secure Data Sharing and Interoperability
 - Blockchain for Supply Chain Management and Drug Distribution
 - The Future of Healthcare in the Blockchain Era
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Registration & Payment

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

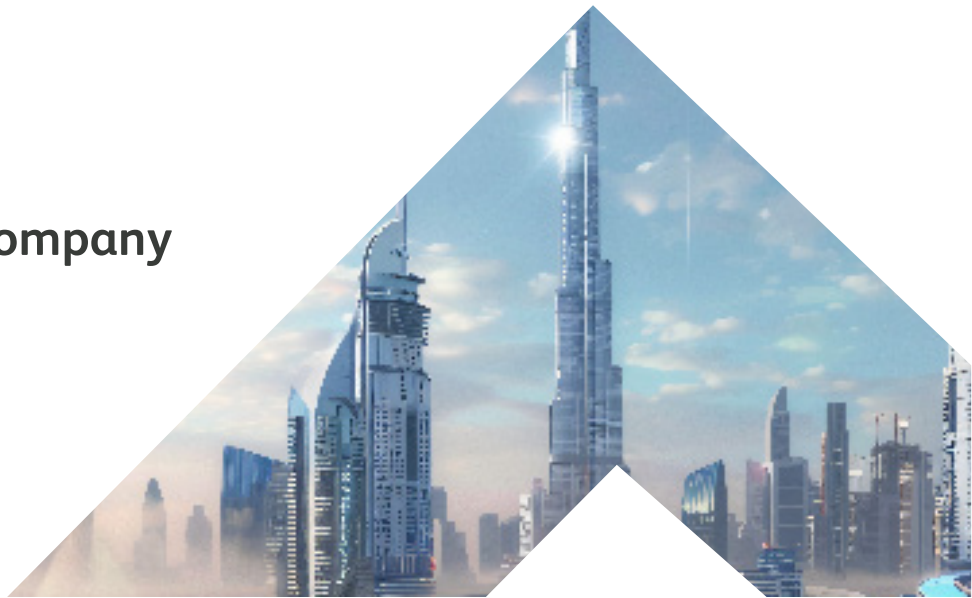


Registration Form

- 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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