XCELERATE TRAINING INSTITUTE

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HEALTHCARE MANAGEMENT

Health Informatics and Digital Health Training Course

Using Data, Systems and Digital Technologies to Transform Care

DURATION	LANGUAGE	FORMAT	COURSE CODE
5 days	**English or Arabic**	**Classroom / Online**	**TTC-132**

Upcoming dates

Dates	Venue	Format	Fee
11 – 15 Jan 2027	Dubai	Classroom	**€3,800**
1 – 5 Mar 2027	Live online	Online (live)	**€1,200**
19 – 23 Apr 2027	Geneva	Classroom	**€4,800**
26 – 30 Jul 2027	Istanbul	Classroom	**€3,800**
13 – 17 Sep 2027	Live online	Online (live)	**€1,200**
4 – 8 Oct 2027	Kuala Lumpur	Classroom	**€5,500**

Register or ask a question

Online: x8ti.com/course/health-informatics-and-digital-health-training-course/

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Health Informatics and Digital Health Training Course

Introduction

Electronic health records, telehealth, health apps and AI are transforming how healthcare is delivered and managed. Healthcare professionals need to understand these technologies to lead digital transformation safely.

This course introduces health informatics and digital health: health information systems, interoperability, telehealth, data analytics, AI in healthcare, cybersecurity and implementation.

Learning Objectives

By the end of this course, participants will be able to:

- Understand health information systems and standards
- Explain interoperability and health data exchange
- Implement telehealth and digital services
- Use healthcare data for decisions
- Understand AI applications and risks in healthcare
- Lead digital health projects safely

Training Methodology

This course combines short expert presentations with practical exercises, case studies from the Gulf and international organisations, group discussions and work with real templates and tools. Participants are encouraged to bring examples from their own work so that the learning can be applied immediately.

Participants analyse digital health cases and plan a digital health initiative.

Benefits for Your Organisation

- Successful digital health projects
- Better use of healthcare data
- Improved access through telehealth
- Safer, more secure systems

Benefits for You

- Digital health knowledge
- Understanding of informatics standards
- Implementation skills
- Future-oriented healthcare career skills

Who Should Attend

This course is designed for:

- Health IT and informatics staff

- Clinical leaders
- Hospital administrators
- Digital transformation managers
- Health ministry officials

Course Outline

Day 1: Health Informatics Foundations

- What health informatics is
- Electronic health records
- Clinical information systems
- Health data standards
- Digital health strategies in the Gulf

Day 2: Interoperability and Data

- Interoperability and health information exchange
- Data quality
- Health data governance
- Privacy and consent
- Health analytics

Day 3: Digital Care

- Telehealth and virtual care
- Remote patient monitoring
- Patient portals and apps
- Digital front doors
- Evaluating digital services

Day 4: AI and Cybersecurity

- AI in diagnosis and operations
- Risks and governance of AI
- Cybersecurity in healthcare
- Incident response
- Regulation

Day 5: Implementation

- Digital health project management
- Clinician engagement
- Change management
- Measuring benefits
- Action plan

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Registration Form

Health Informatics and Digital Health Training Course

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Email: .....

Payment

☐ Please invoice me ☐ Please invoice my company

Signature: ..... Date: .....

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