

IT GOVERNANCE FOR HEALTH CARE INDUSTRY

““Strengthening Digital Health Oversight, Compliance, and Strategic Alignment Through Effective IT Governance””

Schedule

Date	Venue	Fees (Face-to-Face)
02 – 06 Mar 2026	Dubai, UAE	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

In today’s healthcare landscape, digital systems are integral to patient care, clinical operations, and regulatory compliance. With this increased reliance on technology comes a growing need for governance structures that ensure security, accountability, performance, and alignment between IT and healthcare objectives.

This five-day course provides healthcare professionals, IT leaders, and compliance officers with the frameworks and tools to establish and manage effective IT governance programs. Participants will explore international governance models (such as COBIT and ISO/IEC 38500), risk management, regulatory compliance (HIPAA, GDPR, etc.), digital transformation alignment, and board-level IT oversight.

Objectives

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

- Define IT governance in the context of healthcare delivery and digital health.
- Establish governance structures, roles, and responsibilities for IT oversight.
- Apply frameworks such as COBIT and ISO/IEC 38500 to healthcare environments.
- Ensure compliance with healthcare data protection laws (HIPAA, GDPR, local regulations).
- Align IT strategy with clinical outcomes, operational goals, and public trust.
- Monitor, evaluate, and improve IT risk management and investment decisions.

Why Attend

- Understand how to lead or advise on healthcare IT governance initiatives.
- Strengthen board and executive oversight of digital investments.
- Reduce technology-related risks, misalignment, and compliance violations.
- Support safe, efficient, and ethical digital transformation in care delivery.
- Improve coordination between IT, compliance, clinical, and executive teams.

Target Audience

This program is designed for:

- CIOs, CMIOs, CISOs, and digital health officers
- Hospital directors and clinical leaders
- IT governance and risk managers
- Compliance officers and data protection officers (DPOs)
- Consultants and project managers in digital health transformation

Individual Benefits

Key competencies that will be developed include:

- Strategic IT alignment in healthcare
- Governance framework design and application
- Compliance, audit, and regulatory integration
- Digital health risk oversight
- IT investment evaluation and monitoring

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Better alignment between IT services and patient-centered outcomes
- Strengthened compliance with privacy, data protection, and ethics standards
- Improved decision-making and prioritization of IT investments
- Stronger risk mitigation for digital and cyber risks
- Clearer governance roles across IT, clinical, and business functions

Instructional Methodology

This course applies real-world healthcare examples to governance theory:

- Briefings – COBIT, ISO 38500, NIST, and HIPAA/GDPR integration
- Case Studies – Healthcare IT project failures and governance responses
- Templates – IT governance charters, risk registers, committee terms of reference
- Workshops – Policy development, compliance mapping, maturity assessment
- Group Simulations – IT steering committee strategy review
- Peer Dialogue – Common governance gaps and practical solutions

Course Outline

Training Hours: 7:30 AM - 3:30 PM

Daily Format : 3-4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: Governance Concepts in Healthcare IT

- **Module 1: IT Governance and the Digital Health Landscape (07:30 - 09:30)**
 - Definition and purpose of IT governance
 - The role of governance in digital transformation
 - Healthcare-specific drivers and risks
- **Module 2: Frameworks Overview - COBIT, ISO/IEC 38500 (09:45 - 11:15)**
 - Core principles of effective governance
 - Applying frameworks in hospitals and health systems
 - Governance maturity levels
- **Module 3: Stakeholder Roles and Committees (11:30 - 01:00)**
 - Board, executive, clinical, and IT responsibilities
 - IT steering committees and governance operating models
 - Defining escalation and reporting pathways
- **Module 4: Workshop - Mapping Governance Roles in Healthcare (02:00 - 03:30)**
 - Teams design a healthcare IT governance structure

Day 2: Regulatory Compliance and Risk Management

- **Module 5: Healthcare Privacy and Data Protection Laws (07:30 - 09:30)**
 - HIPAA, GDPR, and country-specific rules
 - Consent, access, and data integrity
 - Penalties and legal obligations
- **Module 6: IT Risk Governance (09:45 - 11:15)**
 - Cyber, operational, and third-party risks
 - IT risk appetite and risk register
 - Governance responses to emerging technologies
- **Module 7: Internal Audit and Assurance (11:30 - 01:00)**
 - IT audit scope and standards
 - Healthcare-specific audit criteria
 - Aligning internal controls with governance metrics
- **Module 8: Simulation - Responding to a Compliance Audit (02:00 - 03:30)**
 - Teams simulate an audit review and present findings to a governance board

Day 3: Strategy, Investments, and Value Delivery

- **Module 9: Aligning IT and Health System Strategy (07:30 - 09:30)**
 - Strategic themes: clinical outcomes, patient experience, operational efficiency
 - IT portfolio management and investment prioritization
 - Innovation governance and agile delivery models
- **Module 10: Business Case and Investment Oversight (09:45 - 11:15)**
 - ROI, TCO, and value-for-money assessments
 - Cost-justifying security and infrastructure projects
 - Managing digital transformation risk
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Module 11: Performance Monitoring and KPI Design (11:30 - 01:00)

- IT governance dashboards and key metrics
- Data quality, system uptime, adoption metrics
- Reporting to boards and regulators

Module 12: Workshop - Building a Governance Scorecard (02:00 - 03:30)

- Teams develop performance KPIs for IT governance

Day 4: Governance in Practice - Policies, Cyber, and Innovation**Module 13: Policy Development and Governance Enforcement (07:30 - 09:30)**

- Acceptable use, data security, and device policies
- Policy review cycles and change control
- Governance enforcement and culture

Module 14: Cybersecurity Governance (09:45 - 11:15)

- Security strategy, ownership, and resilience
- Cyber incident governance and breach escalation
- HIPAA security rule mapping

Module 15: Digital Health Innovation Governance (11:30 - 01:00)

- AI, telehealth, EHR, and cloud-based risk
- Regulatory sandboxes and pilot oversight
- Ethics committees and innovation boards

Module 16: Case Study - Governance of a Health IT Project (02:00 - 03:30)

- Teams evaluate a digital health project with governance breakdowns

Day 5: Final Planning and Program Development**Module 17: Governance Maturity Assessment (07:30 - 09:30)**

- Governance self-assessment tools
- Identifying capability gaps
- Roadmapping governance improvements

Module 18: Implementation Planning and Leadership Engagement (09:45 - 11:15)

- Communication and change strategy
- Building leadership buy-in
- Training and awareness plans

Module 19: Capstone Presentation - Governance Program Blueprint (11:30 - 01:00)

- Participants present a governance model tailored to their organization

Module 20: Wrap-Up and Certification Briefing (02:00 - 03:30)

- Instructor feedback and personal action plans
- Final Q&A and certification distribution

Certification

Participants who complete the program will receive a **Certificate of Completion in IT Governance for Healthcare Industry**, validating their ability to design, implement, and manage robust IT governance programs aligned with healthcare priorities, privacy regulations, and digital transformation goals.

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