Strategic IT Leadership and Healthcare Information Management Training Course



06 - 10 Dec 2026

Amman

3800 € (Per Person)

Ref: #IT5449_211206

Course Introduction / Overview:

The healthcare sector is undergoing a profound digital transformation, and effective IT management is no longer a luxury but a necessity for providing quality patient care and ensuring operational efficiency. This Strategic IT Leadership and Healthcare Information Management Training Course is designed to equip IT professionals with the specialized skills needed to navigate this complex and highly regulated environment. The course delves into critical topics like electronic health records (EHR) management, telehealth systems, and the implementation of robust cybersecurity measures to protect patient data. Participants will learn how to align technology initiatives with clinical workflows and institutional goals, ensuring a seamless and secure healthcare delivery system. The training also addresses the importance of data analytics in improving patient outcomes and streamlining administrative processes. Drawing on insights from scholarly works like "Managing Information Technology in Healthcare" by John P. Glaser, this course provides a comprehensive roadmap for becoming a strategic IT leader. BIG BEN Training Center is dedicated to preparing IT professionals to drive innovation while maintaining the highest standards of data integrity and patient privacy.

Target Audience / This training course is suitable for:

- Chief Information Officers (CIOs) in healthcare.
- IT Directors and Managers in hospitals and clinics.
- Health Informatics specialists.
- Data security and privacy officers.
- Clinical and administrative staff involved in IT implementation.
- Healthcare project managers.

Target Sectors and Industries:

- Hospitals and healthcare systems.
- Pharmaceutical and medical device companies.
- Public health agencies.
- Health insurance providers.
- Government healthcare oversight bodies.
- Healthcare IT startups.

Target Organizations Departments:

- Information Technology.
- Health Informatics.
- Clinical and Nursing Administration.
- Patient Services.
- Risk Management and Compliance.
- Finance.

Course Offerings:

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

- Develop a strategic IT plan tailored to healthcare organizational needs.
- Implement and manage electronic health records (EHR) systems effectively.
- Ensure compliance with healthcare regulations.
- Design and enforce a comprehensive cybersecurity framework to protect patient data.
- Utilize data analytics to improve clinical outcomes and operational efficiency.
- Manage and integrate telehealth and remote patient monitoring technologies.
- Lead change management initiatives for new technology adoption.

Course Methodology:

The methodology for this training course at BIG BEN Training Center is a blend of practical and interactive learning. We use a variety of teaching methods to ensure that participants not only understand the concepts but can apply them directly to their work. The course includes detailed case studies of real-world healthcare IT challenges, from successful EHR implementations to managing data breaches. Group workshops and collaborative exercises will focus on problem-solving, allowing participants to work through complex scenarios related to patient data privacy, system integration, and cybersecurity. Interactive sessions with a focus on communication will help attendees bridge the gap between technical teams and clinical staff. The course also includes feedback sessions and practical demonstrations to reinforce key concepts. This approach is designed to build not only a strong theoretical foundation but also the practical leadership skills necessary to navigate the unique demands of the healthcare sector.

Course Agenda (Course Units):

Unit One: Strategic IT Management in Healthcare.

- The role of IT leadership in a clinical setting.
- Aligning technology strategy with patient care.
- Understanding the healthcare IT ecosystem.
- Evaluating IT investments and return on investment (ROI).
- Governance and compliance in healthcare IT.
- Future trends in health technology.
- Managing IT vendor relationships.

Unit Two: Electronic Health Records (EHR) and Data.

- Implementing and managing EHR systems.
- Ensuring interoperability and data exchange standards.
- Data migration and system upgrades.
- Patient portals and digital engagement.
- Using EHR data for clinical decision support.
- Data governance and quality.
- The role of data analytics in healthcare.

Unit Three: Cybersecurity and Patient Privacy.

- Protecting sensitive patient information.
- Implementing a robust cybersecurity framework.
- Managing threats like ransomware and data breaches.
- Ensuring compliance with healthcare regulations.
- Developing and managing incident response plans.
- Securing medical devices and IoT.
- Employee training on data security best practices.

Unit Four: Telehealth and Digital Healthcare.

- Understanding telehealth technologies.
- Implementing remote patient monitoring systems.
- Managing virtual care platforms.
- Security and privacy in telehealth.
- Telehealth workflow integration.
- The future of digital health.
- Scaling telehealth operations.

Unit Five: Operations and Change Management.

- IT project management in a healthcare environment.
- Managing technology adoption by clinical staff.
- Optimizing IT support services.
- Business continuity and disaster recovery planning.
- Cost management for IT infrastructure.
- Leading IT teams and fostering innovation.
- The role of IT in improving patient satisfaction.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can IT leaders in healthcare balance the rapid adoption of new technologies like AI and telehealth with the critical need for absolute data integrity and patient confidentiality?

What unique qualities does this course offer compared to other courses?

This training course is highly specialized, offering a curriculum that is meticulously crafted for the unique demands of the healthcare industry. While general IT management courses exist, they do not address the specific regulatory, ethical, and operational challenges of managing patient data and clinical systems. Our course provides a deep dive into topics such as electronic health record management, telehealth implementation, and ensuring compliance with regulations like HIPAA. It moves beyond generic IT principles to focus on the strategic application of technology to improve patient care and organizational efficiency. We use practical examples and case studies from the healthcare sector to provide a realistic understanding of what it takes to succeed as a healthcare IT leader. BIG BEN Training Center's approach is to equip professionals with the knowledge to not only manage technology but to become a key partner in driving clinical excellence and innovation. This course is an essential investment for anyone committed to leading technology in this vital and sensitive industry.