MERCURY

Advanced Health Information and System Management

29 August – 2 September 2027
Manama (Bahrain)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
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Ref: 15487_309872 **Date:** 29 August – 2 September 2027 **Location:** Manama (Bahrain) **Fees:** 4900 Euro

Introduction:

In healthcare, where technology, information, and patient care intersect, mastering Advanced Health Information and System Management becomes instrumental for professionals aiming to lead transformative change. This Advanced Health Information Systems Management course serves as a beacon for those seeking an in-depth exploration of the latest advancements, strategies, and ethical considerations in health information management.

The healthcare landscape is undergoing a rapid digital transformation, and this Advanced Health Information Systems Management course positions participants at the forefront of this evolution. In an era where interoperability, data analytics, and compliance intricacies define success, professionals must keep pace with these changes and proactively drive innovation.

Participants will delve into the intricate world of advanced health information systems, where integrating cutting-edge technologies like machine learning and telehealth becomes a strategic imperative. Beyond technical prowess, the Advanced Health Information Systems Management course significantly emphasizes honing leadership and management skills tailored for health information settings.

The Advanced Health Information Systems Management course is a deep dive into the complexities of regulatory compliance, ensuring that professionals can confidently navigate the intricacies of HIPAA, the HITECH Act, and coding standards. In an age where data is a powerful catalyst for decision-making, the curriculum equips participants with the tools to harness big data analytics, predictive analytics, and ethical considerations in health informatics.

Through a meticulously crafted curriculum, this Advanced Health Information Systems Management course aims to empower professionals with technical understanding and nurture leaders capable of steering healthcare institutions through the challenges and opportunities of the digital era. They will have a transformative journey where expertise meets innovation, shaping the future of health information and system management.

Targeted Groups:

- Health Information Managers.
- Healthcare IT Professionals.
- Clinical Coders.
- Medical Records Supervisors.
- Healthcare Administrators.

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Course Objectives:

Upon completion of this Advanced Health Information Systems Management course, participants will:

- Harness advanced health information systems for seamless integration and interoperability.
- Optimize healthcare workflows through process analysis, redesign, and automation.
- Ensure compliance with evolving healthcare standards and regulations.
- Utilize health informatics for data-driven decision-making, employing big data analytics and machine learning applications.
- Develop leadership and management skills specific to health information settings.

Targeted Competencies:

Participants competencies in this Advanced Health Information Systems Management training will gain expertise in:

- System integration, security, and privacy in health information.
- Workflow optimization, automation, and decision support systems.
- Compliance with HIPAA, HITECH Act, ICD-10, and CPT coding standards.
- Advanced data analytics, predictive analytics, and ethical considerations in health informatics.
- Strategic planning, change management, and ethical leadership in health information.

Understanding the Components of Health Information Management Systems:

This Advanced Health Information Systems Management course will explore the elements of a health management and information system that form the backbone, such as data collection, storage, analysis, and dissemination. Effective management of health information systems involves understanding and implementing the core components that allow these systems to function optimally. Understanding these components is key to achieving the benefits of systems, including improved patient care, enhanced decision-making, and compliance with healthcare standards.

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Course Outline:

Unit 1: Advanced Health Information Systems:

- Explore advanced system integration techniques.
- Enhance Electronic Health Records EHRs capabilities.
- Master Health Information Exchange HIE systems.
- Evaluate telehealth systems for enhanced patient care.
- Implement advanced security measures in health information systems.

Unit 2: Workflow Optimization in Health Information Management:

- Conduct in-depth process analysis for workflow enhancement.
- Implement automation and decision support systems.
- Ensure quality improvement in HIM workflows.
- Leverage team collaboration tools for efficient operations.
- Establish performance metrics and measurement strategies.

Unit 3: Regulatory Compliance and Standards in Healthcare:

- Navigate HIPAA and fortify health information security.
- Ensure compliance with the HITECH Act.
- Master ICD-10 and CPT coding standards.
- Achieve meaningful use of health IT.
- Implement compliance audits and continuous monitoring practices.

Unit 4: Health Informatics for Data-Driven Decision-Making:

- Harness big data analytics for actionable insights.
- Apply predictive analytics for improved patient outcomes.
- Utilize advanced data visualization tools.
- Integrate machine learning applications in HIM.
- Address ethical considerations in health informatics.

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Unit 5: Leadership and Management in Health Information Settings:

- Strategically plan for health information management.
- Navigate change management challenges in healthcare.
- Develop team leadership and foster team development.
- Master budgeting and resource management in HIM.
- Exercise ethical leadership principles in health information.