

Syllabus for HIMT450

Healthcare Information and Technology

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

Healthcare is the fastest growing employment sector in the United States. The ways in which healthcare is given and ministered, and funded or budgeted differ from the way healthcare worked in the past. These changes have resulted in the use of technologies in nearly every aspect of healthcare and the ways that health information is stored, shared, and used. This has resulted in a broad need for professionals to manage and work in the healthcare information technology and management areas.

This course will be an introduction to healthcare information technology standards, including standards and regulations for documentation. The course also investigates software applications and enterprise architecture in healthcare and public health organizations.

Prerequisite(s)

HIMT 400 Healthcare Information and Technology Data

Course Outcomes

At the conclusion of this course, you will be able to:

- Interpret health information standards (I.B.3).
- Analyze information needs of customers across the healthcare continuum (I.D.1).
- Evaluate health information systems and data storage design (I.D.2).
- Recommend elements included in the design of audit trails and data quality monitoring programs (II.B.2).
- Evaluate how HIT links to the business side of healthcare operations and how it impacts the decision making of medical professionals (clinical decision support).

- Discuss processes that can be used to manage and improve HIT operations, including governance of HIT by government and standard bodies.
- Analyze how risk is defined relative to HIT and how it can be mitigated.
- Evaluate HIT privacy, security, and the governance of metadata.

Course Requirements/Components

The course has a variety of assessment activities:

- Responding to case studies
- Participating in discussions
- Preparing an Situation, Background, Assessment, and Recommendation (SBAR) document
- Responding to a blog posting
- Creating your own blog post
- Preparing and presenting a PowerPoint presentation
- Exploring careers in data management, including writing a job description
- Writing an Executive Summary
- Submitting a final written paper

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

| Grade | Percentage Range |
|-------|------------------|
| A | 90% - 100% |
| B | 80% - 89% |
| C | 70% - 79% |
| D | 60% - 69% |
| F | 0 - 59% |

| Assignment | % of Course Grade |
|------------------------------------|-------------------|
| Discussion Participation | 20 |
| Blog Response (Part 2 | 5 |
| Career Information/Job Description | 5 |
| Case Study/Short Answer | 5 |
| PowerPoint Presentation | 10 |

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|---------------------------------------|-------------|
| EHR Vendor Analysis | 5 |
| SBAR | 10 |
| Executive Summary | 10 |
| Blog Post (Part 1) | 5 |
| Information Governance Strategic Plan | 10 |
| Final Paper | 15 |
| Total | 100% |