

Syllabus for HIMT450

Healthcare Information and Technology - Standards

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 introduce 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.
- Analyze information needs of customers across the healthcare continuum.
- Evaluate health information systems.
- Recommend elements included in the design of audit trails and data quality monitoring programs.
- Identify standards for exchange of healthcare information.
- Discuss processes that can be used to manage and improve HIT operations, including governance of HIT by government and standard bodies.
- Examine the need for educational tools to address digital health disparities and engage patients.
- Evaluate HIT privacy and security.

Course Components/Requirements

This course has a variety of assessment activities, such as the following:

- Responding to case studies
- Participating in discussions
- Preparing a situation, background, assessment, and recommendation (SBAR) document
- Responding to a blog post
- Creating your own blog post
- Preparing and presenting a PowerPoint presentation
- Exploring careers in data management, including writing a job description
- Creating a telehealth visit instructional aid
- Submitting a final written paper

Grading

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

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

Activities	Percentage of Grade
Discussions	20%
Career Information / Job Description	20%
Case Study / Short Answer / Instructional Aid	25%
PowerPoint Presentation	10%
EHR Vendor Analysis	5%
SBAR	10%
Blog Post (Part 1)	5%
Blog Post (Part 2)	5%
Final Paper	15%
Total	100%