

## Information Technology Certificate

# Introductory Healthcare Informatics for Medical Professionals

Course #	Course Title	Credits	Prerequisites	Semester Offered	Semester Taken	Grade Earned
GIT102	Computer Keyboarding (or) 30wpm	1	None	Fall, Spring		
GIT110	Microcomputer Applications Software	3	GIT102 or equivalent, ENL020 & ENL050 or satisfactory basic skills assessment score	Fall, Spring, Summer		
HIT110	Project Management for Healthcare Informatics*	3	GIT110 & BIT103	Spring		
GIT150	Database Applications	3	GIT120, GIT108 or GIT110 or equivalent skill level in Windows	Fall, Spring		
HIT201	Introduction to Healthcare Informatics	3	GIT150, HIT100 or experience in clinical healthcare setting, & BIT103	Fall		
HIT202	Healthcare Informatics in Practice	3	HIT110 & HIT201	Fall		
Total Credits		15/16				

### Overview

Healthcare Informatics is the fusion of technology and healthcare. Students completing this certificate have a foundation in procedures and information systems as they apply to healthcare. Students entering this program should have training or work experience in a healthcare setting.

### Career Outlook

Students completing the Healthcare Informatics Certificate are prepared to work at entry-level informatics positions in acute care or ambulatory care healthcare settings.

### Program Outcomes

Upon completion of the Healthcare Informatics Certificate, students are able to:

- Read, write, discuss and think critically about topics and ideas in healthcare informatics.
- Analyze ethical issues and apply ethical standards in the performance of responsibilities in a variety of healthcare informatics settings.
- Participate in project planning, analysis, design, and implementation.
- Retrieve and manipulate data elements that make up effective healthcare databases including Electronic Medical Records (EMRs).
- Synthesize and apply the concepts, theories, and models of healthcare practice to the real world.
- Work well with teams in a healthcare informatics setting.
- Identify current and future trends that impact healthcare and healthcare informatics.
- Assume positions in a variety of healthcare informatics careers.