



Graduate Course Syllabus

HCM 500: Healthcare Informatics

Center: Online

Credits: 3

Course Prerequisites

None

Course Description

Students will learn the history and current state of healthcare and how the industry uses information systems. Throughout the course, students will discuss types of information systems, such as the electronic medical record (EMR), laboratory and radiology systems, and more. Students will also study trends in new practices, such as telemedicine and home healthcare, and how they function in various healthcare settings. Finally, students will explore how these and other industry trends, with the use of technology, can improve patient care.

Course Outcomes

- Analyze healthcare informatics history, evolution, and future trends
- Review various clinical information systems and their impact within healthcare
- Discuss the relevance of security and data management in informatics
- Examine the importance of ethics
- Evaluate the government's role in healthcare, defining regulatory requirements and the impact at the organizational level
- Identify various healthcare informatics occupations and evaluate the knowledge, skills, and abilities necessary to meet current and future demands
- Identify industry trends (standards, accountable care organizations [ACOs], quality initiatives, pay for performance, etc.)
- Evaluate the impact technology has on patient care outcomes

Required Materials

Using your learning resources is critical to your success in this course. Please purchase directly through SNHU's online bookstore, [MBS Direct](#), rather than any other vendor. Purchasing directly from the bookstore ensures that you will obtain the correct materials and that the Help Desk, your advisor, and the instructor can provide you with support if you have problems.

American Psychological Association. (2009). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC. ISBN: 9781433805615

Srinivasan, D. (2013). *Impact of healthcare informatics on quality of patient care and health services*. Boca Raton, FL: CRC Press. ISBN: 9781466504875

Note: The Shapiro Library offers this textbook as an ebook, which can only be accessed by 6 people at a time. However, you are able to download the ebook and have access to it offline. Otherwise, it is recommended that you purchase your own copy via the SNHU bookstore or another online bookstore. The ebook can be accessed: [Here](#)

Recommended

Healthcare Information and Management Systems Society. (2010). *HIMSS dictionary of healthcare information technology terms, acronyms and organizations*. (2nd ed.). Chicago, IL. ISBN: 9780980069754

Instructor Availability and Response Time

Your class interaction with your instructor and your classmates will take place in Blackboard on a regular, ongoing basis. Your instructor will be active in Blackboard at least five days a week, and you will normally communicate with your instructor in the open Blackboard discussion forum so that your questions and the instructor's answers benefit the entire class. You should send emails directly to your instructor only when you need to discuss something of a personal or sensitive nature, and in those cases your instructor will generally provide a response within 24 hours.

Grade Distribution

Assignment Category	Number of Graded Items	Point Value per Item	Total Points
Getting Started Activity	1	5	5
Discussion	5	3	15
Case Study	1	10	10
Paper	1	10	10
Quizzes	2	10	20
Journal	5	4	20
Group Project	1	20	20
Paper			
Presentation			
		Total Course Points:	100

This course may also contain practice activities. The purpose of these non-graded activities is to assist you in mastering the learning outcomes in the graded activity items listed above.

University Grading System: Graduate

<i>Total Points: 100</i>				
Grade	Numerical Equivalent	Points	Points Equivalent	
			<i>Lower</i>	<i>Upper</i>
A	93-100	4.00	93	100
A-	90-92	3.67	90	92
B+	87-89	3.33	87	89
B	83-86	3.00	83	86
B-	80-82	2.67	80	82
C+	77-79	2.33	77	79
C	73-76	2.00	73	76
F	0-72	0.00	0	72
I	Incomplete			
IF	Incomplete/Failure			
W	Withdrawn			

*Incomplete and Incomplete/Failure: Any student requesting an "I" grade must complete a Student Petition and Contract for a Grade of Incomplete and submit it to the proper offices prior to the final day of the term/semester. The petition will specify a deadline by which the coursework must be completed. The incomplete automatically becomes an "IF" if work has not been completed and a grade has not been submitted by the specific deadline.

Grading Guides

Specific activity directions, grading guides, posting requirements, and additional deadlines can be found in the Course Information area in the Assignment Guidelines and Rubrics folder.

Weekly Assignment Schedule

The Learning Modules area in Blackboard contains one module folder for each week of the course. All reading and assignment information can be found in the folders. All assignments are due by 11:59 p.m. Eastern Time on the last day of the module week.

In addition to the textbook readings that are listed, there may be additional required resources within each module in Blackboard.

Module	Topics and Assignments
1	An Overview of the Healthcare Industry Srinivasan (2013), Chapter 1 1-1 Getting Started 1-2 Reflection Journal:

2	The Role of Healthcare Informatics Srinivasan (2013), Chapter 2 2-1 Discussion: Healthcare IT 2-2 Paper: Healthcare Law and IT
3	What Is an EMR? Srinivasan (2013), Chapter 4 3-1 Discussion: Electronic Medical Records 3-2 Quiz
4	Clinical Information Systems Srinivasan (2013), Chapter 9 4-1 Case Study: EMR Implementation and Patient Flow
5	The Government's Role in Healthcare Srinivasan (2013), Chapter 7 5-1 Reflection Journal
6	The Management of Healthcare IT Systems at the Organizational Level Srinivasan (2013), Chapter 5 6-1 Discussion: Fuller's Model 6-2 Reflection Journal
7	Reimbursement for Healthcare Services Provided Srinivasan (2013), Chapter 3 7-1 Discussion: Financial Impact of Uploading Data Into CIS 7-2 Quiz
8	Ethics in Healthcare, Privacy, and Data Management Srinivasan (2013), Chapter 1 8-1 Discussion: Current Event Articles on HIPAA
9	Technology's Impact on Patient Care Srinivasan (2013), Chapter 6 9-1 Course Project: Paper 9-2 Course Project Presentation Submission 9-3 Reflection Journal
10	Entrance into the HIT Profession and Emerging Trends in Healthcare Informatics 10-1 Reflection Journal

Attendance Policy

Online students are required to post to the Blackboard discussion board during the first week of class. If a student does not submit a posting to the discussion board during the first week of class, the student is automatically withdrawn from the course for non-participation. Review the [full attendance policy](#).

Late Assignments Policy

Meeting assigned due dates is critical for demonstrating progress and ensuring appropriate time for instructor feedback on assignments. Students are expected to submit their assignments on or before the due date. Review the [full late assignment policy](#).

SNHU College of Online and Continuing Education Guide to Student Success

Review the [guide to student success](#).

Diversity and Disability Statement

The College of Online and Continuing Education (COCE) at SNHU values diversity and inclusion. SNHU strives to create inclusive and welcoming academic environments. If there are aspects of the instruction or design of this course that present barriers to your inclusion, please notify the Disability Resource Center (DRC) as soon as possible. We will work with you and your instructor to address needs and concerns.

We encourage all students with known or suspected physical, medical, sensory, psychiatric, and/or learning disabilities to register with the Disability Resource Center (DRC) in order to assess learning needs and take advantage of available academic accommodations and support services. We look forward to hearing from you. Our contact information is below.

Disability Resource Center (DRC)

(877) 591-4723 (select option 4)

(877) 520-8916 (fax)

drc@snhu.edu

We welcome COCE students, faculty, and staff to consult with the Disability Resource Center (DRC) on disability-related questions or concerns.

Academic Honesty Policy

Southern New Hampshire University requires all students to adhere to high standards of integrity in their academic work. Activities such as plagiarism and cheating are not condoned by the university. Review the [full academic honesty policy](#).

Copyright Policy

Southern New Hampshire University abides by the provisions of United States Copyright Act (Title 17 of the United States Code). Any person who infringes the copyright law is liable. Review the [full copyright policy](#).

SNHU College of Online and Continuing Education Withdrawal Policy

Review the [full withdrawal policy](#).

Southern New Hampshire University Policies

More information about SNHU policies can be found on the [policy page](#).