

# HIM 130

## Healthcare Information Systems

### COURSE OUTLINE

#### Prerequisites:

None

#### Course Description:

This course will introduce the student to Healthcare Information and Records systems. Students will learn the concepts involved in Appointment Scheduling, Patient Registration, Charge Capture, Coding, Charge Entry, Billing, Payment Posting and Denials.

The course will also focus on Health Information Management systems including paper and electronic medical records. This course will provide the student an overall picture of Healthcare Information Systems and will help prepare the student for a career in the health information management field.

#### Course Objective

**Semester Credits:3 Lecture Hours:3 Lab/Recitation Hours:0**

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Roanoke, VA24038  
(540)-857-7273



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## Course Outcomes

At the completion of this course, the student should be able to understand and apply their knowledge of the following topics in the realm of Health Information Management and Technology:

- Introduction to Information Technology-Chapter 1
- Medical Informatics-Chapter 2
- Administrative Applications in computers-Chapter 3
- Telemedicine-Chapter 4
- Information Technology in Public Health-Chapter 5
- Information Technology in Radiology-Chapter 6
- Information Technology in Surgery-Chapter 7
- Information Technology in Pharmacy-Chapter 8
- Information Technology in Dentistry-Chapter 9
- Computer Assisted Instruction-Chapter 10
- Information Technology in Rehabilitative Therapies-Chapter 11
- Security and Privacy-Chapter 12

Students will complete a course project where they will need to choose a topic from a list of approved topics. They will need to type a 2-3 page research paper in APA format and create a brief power point presentation which will be presented by posting to blackboard.



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## Required Materials:

Students will use their textbook and will need to have computer access for assignments due during the weeks. This class is will be held exclusively through Blackboard.

## Textbook:

TITLE: Information Technology for the Health Professions

AUTHOR: William Burke and Barbara Weill

EDITION: 4th

COPYRIGHT YEAR: 2013

PUBLISHER: Pearson

ISBN: 97801328977648

The following supplementary materials are available:

- 1.
- 2.
- 3.



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## Topical Description:

Date	Topics Covered	Assignments Due
	Introduction and Review Syllabus Chapter 1	
	Chapter 2	Online Test on chapters 1 due at midnight.
	Chapter 3	Online Test on chapters 2 due at midnight. Choose project topic
	Chapter 4	Online Test on chapters 3 due at midnight.
	Chapter 5	Online Test on chapters 4 due at midnight.
	Chapter 6	Online Test on chapters 5 due at midnight.
	Chapter 7	Online Test on chapters 6 due at midnight.
		Mid-Term
	Chapter 7	Online Test on chapters 7 due at midnight.
	Chapter 8	Online Test on chapters 8 due at midnight.
	Chapter 9	Online Test on chapters 9 due at midnight.
	Chapter 10	Online Test on chapters 10 due at midnight.
	Chapter 11	Online Test on chapters 11 due at midnight.
	Chapter 12	Presentation & Paper due
		Online Test on chapters 12 due at midnight. Review for final exam
		Final Exam Due _____

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## Notes to Instructors

(List information about optional topics, departmental exams, etc)

1. Accessed online power point lectures and tools using:<http://www.pearsonhighered.com/educator/product/Information-Technology-for-the-Health-Professions/9780131599338.page#downlaoddiv>

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