

Revised: Fall 2016

HIM 230

Information Systems and Technology in Healthcare

COURSE OUTLINE

Prerequisites:

None

Course Description:

Explores computer technology and system application in health care. Introduces the information systems life cycle.

Course Objective

The purpose of this course is to give students and overview of the lifecycle of a health information system, from the planning and implementation phases, through the maintenance and upgrade phases. In addition, this course will give them first-hand experience on electronic health records experience through the Spring Charts lab software component of this course. This lab will give students access to see what an actual Electronic Health Record contains and how it is utilized by clinical and administrative end users.

Semester Credits: 3 Lecture Hours: 2 Lab/Recitation Hours: 3

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Course Outcomes

At the completion of this course, the student should be able to locate and define the common functions and menus used by end-users for clinical documentation and reporting within the Spring Charts software.

They will also become familiar with the following topics from their textbook:

Chapter 1-History of Health Records and Common Health Information System Acronyms

Chapter 2-Standards and Accreditations for Electronic Health Records

Chapter 3-Security and Set-up of an Electronic Health Record System

Chapter 4-Clinic Administration

Chapter 5-Components of a Patient Chart

Chapter 6-The Patient Office Visit

Chapter 7-Clinical Tools

Chapter 8-Customizing Templates and Pop-Ups

Chapter 9-Documenting Tests, Procedures, and Diagnosis Codes

Chapter 10-Productivity Center and Utilities

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Required Materials:

Textbook and computer access to complete the Spring Charts Virtual lab assignments. The software is available for student use for no extra cost with the purchase of the textbook. McGraw-Hill supports the software downloads.

Textbook:

Integrated Electronic Health Records with Connect Access Card by Beth Stanholtzer. McGraw Hill. 2nd edition. Loose leaf edition. ISBN 9781259280900.

Connect Access card with ebook only, ISBN: 9780078128691.

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Topics Covered	Assignments Due
Safety Video Go over syllabus Chapter 1 and 2 Lecture	Read Syllabus
	Chapter 1 and 2 Homework is due online by September 9th
Chapter 3 and 4 Lecture	Chapter 3 and 4 In Class Assignment
	Chapter 3 and 4 Online Assignment
Chapter Lecture 5 and 6	Chapter 5 and 6 In class assignment
	Chapter 5 and 6 Online Assignment
Chapter 7 Lecture Midterm Review	Chapter 7 In class assignment
	Chapter 7 Online Assignment
Chapter 8 Lecture	Midterm-In Class on chapters 1-7 Chapter 8 In class assignment
	Chapter 8 Online Assignment
Chapter 9 and 10 Lecture	Chapter 9 and 10 In class assignment
	Chapter 9 and 10 Online Assignment
Chapter 11 and 12 Lecture	Chapter 11 and 12 In Class Assignments
	Chapter 11 and 12 Homework is due online
Review for Final	In Class Final Assignments
	Final Exam Online

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Notes to Instructors

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

All PowerPoint slides, lesson plans, and download materials can be found on the McGraw Hill website for this textbook : <http://www.mhhe.com>_____

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