PADM 611: Healthcare Information Technology
Fall 2014

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Office Hours: Thursdays, 2-4 PM and by appointment
Class: Saturday, 9-11:30 AM

Course Description

""What gets measured, gets managed"

-Peter Drucker

This course introduces key concepts and issues surrounding the adoption and use of information systems within health care organizations. The technical aspects of information gathering within organizations will be discussed within the context of how management uses information to execute various health quality, clinical, and strategic systems. Current issues surrounding the gathering, storage, and usage of health information will be discussed.

The success of this course relies heavily upon how engaged participants are in the various components of the course. The role of the instructor is to facilitate and guide learning through class discussions, activities, and feedback. The course favors an active role for participants over the more passive role taken in a lecture-oriented format. Be prepared to engage the course material and each other to draw on assigned readings and your experiences working and interacting with healthcare organizations. We will work from the premise that all participants bring important knowledge, skills, experiences and insights to the course that we can draw upon to create a successful collaborative learning experience.

Course Objectives and Competencies

1. Explain how billing and clinical care systems interface with health care organizations.
2. De-construct the various components of health information technology systems.

3. Analyze the organization and implementation of information technology within health care organizations.
4. Demonstrate the ability to manipulate information and data using common software packages.
5. Operate as productive members of management teams.
6. Assess individual task performance and recommend ways to improve individual task performance.
7. Synthesize information about an unknown topic using various information search engines.
8. Organize management information evidence to communicate to other health care professionals.

Course Materials

Wager, K. A., Lee, F. W. and Glaser, J. P. (2013). *Health Care Information Systems: A Practical Approach for Health Care Management, Third Edition*. San Francisco: Jossey-Bass Publishers.

This book is available through UNM's online library as an e-book, free of charge to students.

Course Expectations

Participation & Attendance
The majority of knowledge-transfer will occur between 9-11:30 AM on Saturdays. To accomplish this, students obviously must be both physically and mentally present. There is no 'participation grade' per se, however it will be nearly impossible to receive a satisfactory grade should one miss more than one class. Should you need to miss a class, please email the instructor prior to your absence. It will then be up to you to acquire notes from a classmate or meet with the instructor for content clarification. This course's essays and exams will be the easiest for those who participate in class discussion (that is, ask questions and make meaningful contributions to class dialogue), take concise notes, and complete the readings.

Assignments

Essays
The essay assignments serve as an opportunity to demonstrate your knowledge and application of the content covered in class. Combined, the three essays will account for forty percent of your total grade. Essays are due at 9 AM on the date noted on the course schedule below. All assignments should be turned in via UNM Learn.

State-of-the-Art Presentations
The presentation assignments serve as an opportunity to learn and share with your classmates about a leading healthcare organization, executive leader, or best practice. During the first week of class, each student will be assigned to an article provided by the instructor. It is then up to the student to craft a 10-15 minute presentation (accompanied by slides) that recap the article. Electronic copies of the presentation must be made to the entire class prior to the presentation. Students can expect a minimum of two exam questions to be generated from each presentation.

Exams
Three in-class exams will be administered. The exams will consist of multiple choice, true/false, and short answer questions.

Academic Integrity

All students are expected to maintain the highest standards of academic integrity throughout the course. Academic dishonesty, as outlined in the University of New

Mexico's Student Code of Conduct, includes: "2.4. Academic dishonesty, including, but not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records" (see the Dean of Students Office website http://pathfinder.unm.edu/campus-policies/student-code-of-conduct.html#studentcode Accessed 8/8/2014).

Plagiarism–intentional or not–is unacceptable. Any words or ideas based on others' work should be fully credited. Any work submitted should be your own. The instructor will take action on incidents of academic dishonesty as allowed under the University of New Mexico's Student Code of Conduct. Please contact the instructor with any questions that may arise throughout the semester about what constitutes academic dishonesty.

Grading

Essays	45%
State-of-the-Art Presentation	10%
Exams	45%
Total	100%

Assignments will be penalized half a grade for each day they are late. For example, one day late reduces from A to A-; two days late from A- to B+; and so on. Penalties will not be applied in cases of medical and family emergencies, but cases of poor planning will not be excused.

Final grade cuts: 'A' 90-100%; 'B' 80-89%; 'C' 70-79%; 'F' <69.5%

Students with special needs

Please communicate with the instructor about how she can assist in assuring your rights to equal educational opportunities and reasonable accommodations to facilitate your success in this course. UNM's policy 2310 "Academic adjustments for students with disabilities" can be found at: http://www.unm.edu/~ubppm/ubppmanual/2310.html (Accessed 8/8/2014).

Disclaimer

This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change. These changes will be communicated via email or posted as announcements.

Schedule*

Week	Date	Topic	Reading	Essay Due	Presentation 1	Presentation 2
Week 1	23-Aug	No Class				
Week 2	30-Aug	Introduction to Healthcare Information	Wager Ch 1			
Week 3	6-Sep	Health Care Data Quality	Wager Ch 2, 3		The Need For A Smart Approach To Big Health Care Data - Nick	
Week 4	13-Sep	Health Care Information Systems	Wager Ch 4, 5		A Digital Shift on Health Data Swells Profits in an Industry - Rene	
Week 5	20-Sep	Exam 1				
Week 6	27-Sep	Policy and HIT	Wager Ch 6	Essay 1	Fast Access to Records Helps Fight Epidemics - Terrilyn	Caregiving goes digital - and lets Boomers age in place - Victoria
Week 7	4-Oct	Managing Systems	Wager Ch 7, 8		The Trouble With Apple's Health App - Kay	
Week 8	11-Oct	Fall Break - No Class				
Week 9	18-Oct	HIS: Technologies and Standards	Wager Ch 9, 10		Privacy Threats When Seeking Online Health Information - Karen	
Week 10	25-Oct	HIS: Security	Wager Ch 11		Spit here: can Cue's $199 lab-in-a-box keep you healthy? - Jan	Hospitals Are Mining Patients' Credit Card Data to Predict Who Will Get Sick - Dana
Week 11	1-Nov	Exam 2				
Week 12	8-Nov	HIT Strategy	Wager Ch 12, 13	Essay 2	IBM's Watson wants to fix America's doctor shortage - Dionne	
Week 13	15-Nov	HIT Strategy II	Wager Ch 14, 15		The RP-VITA by IROBOT Will See You Now - Russell	
Week 14	22-Nov	HIT Strategy III	Wager Ch 16, 17		The Evolution of Health IT Continues - Kaylee	Real-time location systems - Tim
Week 15	29-Nov	Exam 3				
Week 16	6-Dec			Essay 3		

subject to change