

Course syllabus: Healthcare Technology Management
Term: Summer I – 2013 (June 10, 2013 – July 13, 2013)
Course & Section: 34161 -- 010 CRN: 15721
Class: No classes in classrooms; it is a 100% web based course
Instructor: Dr. Aviad Israeli
Email: aisraeli@kent.edu
Phone/Voicemail: (330) 672-1149
Office and office hours: Room A422 BSA, by appointment

Objective: This course is designed for students seeking to learn about the field of healthcare information systems. It covers the fundamentals of healthcare and healthcare IT (HIT), provides an overview of processes associated with healthcare delivery within provider organizations, demonstrates how HIT can improve population health, demonstrates how to build and implement HIT successfully and introduces the HIT decision support functions.

Prerequisites and Registration: Students have responsibility to ensure they are properly enrolled in classes. Should you find an error in your class schedule, you need to correct the error with your advising office no later than June 13. If registration errors are not corrected by these dates and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you will not receive a grade at the conclusion of the semester for any class in which you are not properly registered.

Required Text: Healthcare Information Systems reading packer (MIS 34161), ISBN: 9781121886261. Also available as an Ebook version ISBN: 9781121887190

Correspondence: Email communication will be through FlashLine email. Students are expected to check their email regularly. Course syllabus, announcements, class notes, chapter presentations, exams, grades and other course related material will be accessible through the Blackboard course site.

How to do well in this course? In this online class configuration, it is the responsibility of students to read chapters and take the online exams exactly on the required time frame. No departures from this rule will be allowed. Read the course chapter in advance (don't postpone studying, and then cram the night before the exam). Read and review the lecture notes more than once. Make sure that you take the exams on the time specified.

Evaluation: Grade will be based on 5 short online weekly exams. The exams are based on the weekly readings and they are conducted online using a standards compliant web browser (such as Google Chrome or Mozilla Firefox). The chapters assigned for each exam are listed on the course calendar. All online exams are open-book, open notes. Each weekly exam will count for 25% of the final grade (total 125 points) and only the best 4 grades will be counted towards your final grade (total 100 points). This means that if you did not do well on one exam, it will be excluded from your final grade calculations. Each exam consists of 25 multiple choice questions and the time assigned is 50 minutes. The exams will be posted on the course Blackboard site each *Thursday noon* and until *Saturday noon*. The exam can be taken from anywhere with access to the Web. You will have only one attempt to take each examination during the timeframe so make sure you have your

schedule organized. Results for the examination will be available after the examination closes in the Blackboard course website. A score of 0 will be assigned to any missed examination.

All students are required to follow the Academic Honesty Statement. This statement ensures that the student agrees to abide by university rules on cheating, and any failure to do so will result in a failing grade. Thus, for example, while you are allowed to use books and notes for the tests, it is cheating if you ask other students to help you while taking the tests. No grade change will be made on an individual basis because of questions misread or misunderstood. Those who follow the text book and the class notes closely and regularly usually recognize the intent and scope of the questions, and do well on the exams.

Academic Honesty: Cheating means to misrepresent the source, nature, or other conditions of your academic work (e.g., tests, papers, projects, assignments) so as to get undeserved credit. In addition, it is considered to cheating when one cooperates with someone else in any such misrepresentation. The use of the intellectual property of others without giving them appropriate credit is a serious academic offense. It is the University's policy that cheating or plagiarism result in receiving a failing grade for the work or course. Repeat offenses result in dismissal from the University.

Grading: The grading scale is as follows:

Total percentage earned	Grade
≥ 92.5 points	A
≥89.5 points	A-
≥87 points	B+
≥82.5 points	B
≥80 points	B-
≥77.5 points	C+
≥72 points	C
≥68.5 points	D+
≥ 62points	D
Below 62 points	F

According to University Guidelines the grades are converted to your grade point average by the following rules:
A = 4.0, A- = 3.7, B+ = 3.3, B = 3.0, B- = 2.7, C+ = 2.3, C = 2.0, C- = 1.7, D+ = 1.3, D = 1.0, F = 0.0

Students with Disabilities: University policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary adjustments for conducting the examinations. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit <http://www.registrars.kent.edu/disability>) for more information on registration procedures.

Course calendar:

Summer I 2012 course withdrawal deadline is Sunday, June 30, 2013.

Week starting on	Chapters	Assignment(s), notes
June 10, 2013	<ul style="list-style-type: none">- An Overview of Healthcare in the United States- An Overview of How Healthcare is paid for in the United States- The Role of Information Technology in Healthcare	Exam 1 poste on Blackboard from Thursday June 13 at noon until Saturday June 15 at noon
June 17, 2013	<ul style="list-style-type: none">- Using Healthcare IT to Measure and Improve Outcomes- The Role of Healthcare IT in Improving Population Health- Strategic Leadership and Management of Health Information Technology in Provider Organizations- Communication Skills in Healthcare IT, Building Strong Teams for Successful Healthcare IT Outcomes	Exam 2 poste on Blackboard from Thursday June 20 at noon until Saturday June 22 at noon
June 24, 2013	<ul style="list-style-type: none">- Healthcare Information Technology and Healthcare Policy- Navigating Health Data Standards and Interoperability- Regulatory Aspects of Healthcare IT: Legal Best Practices and Requirements- The Electronic Health Record as Evidence	Exam 3 poste on Blackboard from Thursday June 27 at noon until Saturday June 29 at noon
July 1, 2013	<ul style="list-style-type: none">- Core HIT Functionality- Build- and Implementation-Related HIT Success Factors- Fundamentals of Clinical Decision Support- Organizational Success Factors in Healthcare Informatics Implementation	Exam 4 poste on Blackboard from Thursday July 4 at noon until Sunday July 7 at noon <i>* Due to 4th of July, the timeframe for exam 4 will be extended by one day</i>
July 8, 2013	<ul style="list-style-type: none">- Healthcare Information Security: Operational Safeguards- Healthcare Cybersecurity Technology- Computer Hardware and Architecture for Healthcare IT- Programming and Programming Languages for Healthcare IT- Databases, Data Warehousing, and Data Mining for Healthcare	Exam 5 poste on Blackboard from Thursday July 11 at noon until Saturday July 13 at noon