

Syllabus

Course Number: HIM 435/HCI 635

Course Title: Design and Selection of Health IT Systems

Course Description:

Introduces planning, acquisition, and implementation of systems which include migration paths, functional requirements, costs, benefits realization and a critical analysis of the system proposed in addition to the technological infrastructure needed to support facility-wide systems. Activities include evaluating RFPs and RFIs, and designing communication and clinical documentation guidelines. Graduate level includes writing an RFI or RFP and development of system evaluation criteria. Cross listing: HCI 635

Credits:

Prerequisite Courses: HIM 450 recommended.

Course Overview

Key concepts to be covered in this course include:

- Analysis of systems based on organizational need
- Familiarization with functional requirements of systems

Course Outcomes: Upon completion of this course, the student should be able to:

1. Define core criteria for enterprise-wide system selections
2. Define measurable metrics for successful Healthcare IT acquisitions
3. Develop Return on Investment framework
4. Create a Request for Proposal including functional specifications, inputs and outputs and system migration paths
5. Understand life cycle and total cost of ownership principles
6. Identify stakeholders in healthcare IT systems selections

(Syllabus Author: Review Bloom's Taxonomy and the cognitive domain of educational activities, use key words that are measurable and relate to the level of complexity expected in this course;

Course Materials:

Required Texts:

Balghrosky, J.A. (2015) Essentials of Health Information Systems & Technology,
Jones & Bartlett Learning, Burlington, MA.

Required Resources:

None required.

Technology Tools:

Laptop, tablet, desktop computer for online course access.

Pre-Assignment:

Online Format: Sign on to D2L (Home Page) and become familiar with the course navigation Review Writing Assignment Folder and Instructor Page.

Course Assignments and Activities:

#	Topics	PerCent of Grade	Points
1	Writing Assignment 1 Qual.Pt Safety	10%	10
2	Writing Assignment 2 EHR matrix	10 %	10
3	Writing Assign 3 Bus. Continuity	10%	10
4	Writing Assign 4 Functional Reqs	10%	10
5	Writing Assign 5 Team Assignment	20%	20
6	Discussions (8)	25%	40
7	Final Project	15	45
8	Graduate Paper++ Grad students only		25
			Maximum Points Possible:

Course Policies and Procedures:

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CC&IS Grading Scale

Letter Grade	Percentage	Grade Point
A	93 to 100	4.00
A–	90 to less than 93	3.67
B+	87 to less than 90	3.33
B	83 to less than 87	3.00
B–	80 to less than 83	2.67
C+	77 to less than 80	2.33
C	73 to less than 77	2.00
C–	70 to less than 73	1.67
D+	67 to less than 70	1.33
D	63 to less than 67	1.00
D-	60 to less than 63	.67
F	Less than 60	0

Additional information about grading can be found in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx>.

CC&IS Policies and Procedures

Each of the following CC&IS Policies & Procedures is incorporated here by reference. Students are expected to review this information each term, and agree to the policies and procedures as identified here and specified in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx> or at the link provided.

- The CC&IS Academic Integrity Policy.
- The Student Honor Code and Student Standards of Conduct.
- Incomplete Grade Policy, Pass / No Pass Grades, Grade Reports.
- The Information Privacy policy and FERPA. For more information regarding FERPA, visit the [U.S. Department of Education](http://www.ed.gov).
- The HIPAA policies for protected health information. The complete Regis University HIPAA Privacy & Security policy can be found here: <http://www.regis.edu/About-Regis-University/University-Offices-and-Services/Auxiliary-Business/HIPAA.aspx>.
- The Human Subjects Institutional Review Board (IRB) procedures. More information about the IRB and its processes can be found here: <http://www.regis.edu/Academics/Academic-Grants/Proposals/Regis-Information/IRB.aspx>.

The CC&IS Policies & Procedures Syllabus Addendum summarizes additional important policies including, Diversity, Equal Access, Disability Services, and Attendance & Participation that apply to every course offered by the College of Computer & Information Sciences at Regis University. A copy of the CC&IS Policies & Procedures Syllabus Addendum can be found here: <https://in2.regis.edu/sites/ccis/policies/Repository/CCIS%20Syllabus%20Addendum.docx>.

