

University of Kansas School of Business

Department of Accounting & Information Systems

IST 701: Management Information Systems **Spring 2012 Semester**

Instructor: **Neal J. Hannon**

Office: RM 318 (Summerfield)

Office Hours: Tuesday from 4:00 PM to 5:45 PM Edwards

Wednesday Noon to 3:30

or by appointment

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Course Wiki : ist701e.wikispaces.com

SCHEDULE OF CLASS MEETINGS

Class Number -Section Time Location

2012 Spring - GRDL

Class: 58432 – LEC T 6:30 PM - 9:45 PM Edwards

COURSE DESCRIPTION

Companies that build platforms for transforming data into actionable intelligence will not only survive but thrive in today's business world. IT can no longer function and comply with its business partners – customers and suppliers – who take advantage of modern technologies and deploy new ways to do business.

More than three decades into the Information Age, general as well as functional managers, at tactical as well as strategic levels, should be active and knowledgeable in making decision on how to use IT in an information system (IS) to create added value to the company and achieve a competitive advantage for their business. Modern managers cannot afford to abdicate their critical roles in corporate decisions involving information systems. *“Managers who let someone else make decisions about their corporate information systems are letting someone else decide about the very foundation of their business (Pearlson & Saunders, 2009).”*

This seminar is not about IT and how IT works. It considers IT as a resource/asset for business and how managers should optimally deploy it at its best in an IS to achieve the business goal. The course assumes that students already had some basic

knowledge about the management of a modern business organization with its related issues in accounting, finance, operation management, etc. It further assumes that students have been exposed to some functionalities and advantages of a modern business system using popular computer technologies for office automation. These issues were normally covered in any bachelor degree in business and/or some survey courses at graduate level.

This course offers a comprehensive coverage of current trends and management issues associated with information systems (IS) to deliver business values within organizations at local, national, and global levels. Topics include issues in information systems planning, administration, resource management, and new information technology (IT) adoption to achieve the alignment between IT/IS and corporate functions.

LEARNING OBJECTIVES

- Understand key strategic issues in deploying and exploiting enterprise information technology and systems.
- Understand impact of the external environmental context on the strategic use of IT in organizations.
- Understand the role of enterprise information systems as enablers of organizational transformation.
- Understand importance of managerial issues in design, implementation and exploitation of IT in systems development life cycle.
- Understand key IS/IT resources must be assembled and deployed to gain IT performance benefits.
- Understand actions should be undertaken to build organizational IS/IT capability.
- Understand the values of business knowledge and how to preserve it with an information system.

TENTATIVE SCHEDULE & TOPICS

Meeting 1	Mar 13	The I.S. Information Triangle	Ch 1
Meeting 1		Strategic Use and Impact of Information Systems Use	Ch 2, 3
Meeting 2	Mar 27	Design of Work	Ch 4
Meeting 2		Changing Business Processes	Ch 5
Meeting 3	Apr 3	Architecture and Infrastructure	Ch 6

Meeting 3	Sourcing: Internally and Externally	Ch 7
Meeting 4 Apr 10	Governance	Ch 8
Meeting 4	Using Information Ethically	Ch 9
Meeting 5 Apr 17	Funding IT	Ch 10
Meeting 5	Project Management	Ch 11
Meeting 6 Apr 24	Managing Business Knowledge	Ch 12
Meeting 7 May 1	Cloud Computing; Big Data	
Meeting 8 May 8	Projects and Team Reports Night	

REQUIRED TEXTS

- Pearlson K. & Saunders S.C. (2009). *Managing and Using Information Systems*, (4th edition). J.Wiley.

ADDITIONAL MATERIALS

White papers posted on the class dropbox.com folder: www.dropbox.com/ist701

(Other materials/cases from current literature will be provided / assigned during the semester for class discussions . See "SCHEDULE & TOPICS**")**

Check Blackboard and course Wiki

STUDYING MATERIALS

P&S Power-Points as supplied by Publisher; See Blackboard.

See Blackboard or course Wiki for white papers

<http://ist701e.wikispaces.com/> for course Wiki; please become a member.

CLASS WORK

This seminar is primarily based on in-class presentations/discussions of readings from the text, case studies and reports on related literature. Students are expected to actively participate in all associated class activities by contributing both online and in the class.

The final course grade is composed of

- Individual Topic Report Write-ups (*Article reviews, Reports, discussion group participation*) ----- 25%

1. Focused on individual companies; take one topic from the list of 10. An example could be a report to the CEO on moving a regional bank to cloud computing.
2. Post links to archived webinars or youtube.com videos with recommendations for why you think the information is of value. These postings should support your Individual report topic and do not count toward your class participation grade.

- Class Discussion & Participation ----- 20%

1. In class participation
2. Course wiki article reviews
3. “A” level contribution is defined as above 16 original articles and 6 replies to other articles/white paper postings.

Class participation note: Due to the size of the class, verbal participation will be supplemented by online contributions to the knowledge of the class. We will have a separate course wiki for individual contributions that will count towards the class participation grade. Articles and white papers with mini reviews should be posted to the course WIKI. A minimum of 6 postings are required.

Group Work

Group Presentations of Topical areas ----- 20%

Each group will be asked to present a topical area to the class. This presentation should consist of material from the text, videos that are topic specific, discussion points that create stimulated class discussions.

- Assigned Case Study Group Presentations ----- 15%

This grade is for the group presentation where the team of 5 presents a multi topic solution for a company. An example would be a CRM, SCM, BI, Cloud and social media report for a medium size retail company.

- Assigned Case Study Group Paper ----- 20%

Papers must be submitted as hard copy and electronic submissions.