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600-04 Information Technology Management

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**INFO 600 – 04 INFORMATION TECHNOLOGY MANAGEMENT
COURSE SYLLABUS (Spring 2010)**

CLASS LOCATION AND TIME: Hailstones Hall, Room 4 Thur (6:00 – 8:30pm)

INSTRUCTOR:

Name Dr. Adekunle Okunoye
Email: okunoye@xavier.edu
Office Location: Room 319 Hailstones Hall
Office Hours: **Monday** 9:00am – 2:00pm
 Tuesday and Thursday 1:00pm – 2:00pm
 Or by appointment
Telephone: 513 745 3052 (office)

COURSE DESCRIPTION

In today's network and knowledge-based economy, the advances in information and communication technology continue to transform the competitive playing field. Information technology has fundamentally changed the costs of transactions, communications, production of goods and services and operational management. The new dimension of competition demands efficient use of organization's resources, effective management of organizational and business processes, adequate knowledge of customer's needs, and quick response to changes in business environment. It is thus imperative that managers have deep understanding of how to use information and technology to support and manage the organizational and business processes for competitive advantages.

This course examines the role of information technology in supporting organization strategy, application of information technology to support business processes and role of information technology in competitive advantage and organization performance. *The course took a managerial perspective on how to identify a strategic information technology, application of the technology for competitive advantage, integration of IT and business process, managing in distributed technology environments, managing a global information technology.* In addition to class discussion, presentations, individual and group projects, we will use several cases in which organizations applied information technology for competitive advantage.

The course explores information, operations and technology and how they influence business processes. The issues involved are closely linked with other courses in MBA program. Moreover, information technology is now an integral part of business. Managing a successful IT organization require due understanding of organization behavior, leadership and management, societal, ethical and legal issues, relationship management, and strategic management. It is also unrealistic to discuss contemporary finance and accounting, economics, human resources management and other courses without considering the role of information technology.

MISSION

At Williams College of Business, “we educate students of business, enabling them to improve organizations and society, consistent with the Jesuit tradition”. In this course, we provide students with the decision making capabilities that can influence the operation of their respective organizations and the society in general. Our discussion of the social, ethical and legal implications of each topic provides students with broader perspectives that transcend conventional business goals. The course will examine networked organization, mobile devices and organizational processes, and social impact of IT.

COURSE OBJECTIVES

At the end course, the students should be able to:

- Design and implement an information technology strategy that will align with business strategy for competitive advantage.
- Understand various information systems required for quick-response operations and efficient business processes.
- Gain a broader understanding of current issues in information systems and technology in a globalized world.
- Learn the skills and strategies necessary to identify the risks associated with application of information technology and the general limitations of technology in organization and business processes.
- Understand the role of information systems in other functional business areas like finance, accounting, marketing manufacturing and management and organizational issues.

Text and Course Materials

Author: Turban E., and Volonino L.
Title: Information Technology for Management: Improving Performance in the Digital Economy
Edition: 7th Edition
Publisher: John Wiley & Sons, Inc
ISBN: 978-0-470-28748-4

Blackboard

Blackboard class web site - <http://blackboard.xu.edu>

Updated information, announcement and other course materials shall be made available through Blackboard.

Grading Criteria

Attendance/participation..... 10%	Grade Distribution:	
Examinations65%	Grade	Points
Research Paper15%	A	95-100
Research Paper Presentation10%	A-	90-94
	B+	87-89
	B	83-86
	B-.....	80-82
Total.....100%		
	Grade	Points
	C+.....	77-79
	C.....	73-76
	C-	70-72
	D.....	60-69
	F.....	below 60

Failure to complete any of the above categories will result in either a grade of incomplete (see university catalog for when this is appropriate) or a fail. A brief description of these assignments is given below; we will discuss them further during our first class meeting.

Attendance /Participation (10%)

More than one class session absence could result in a lowering of your overall grade.

Attendance and participation in the class is very important since the majority of the learning will take place during the class with the class discussions.

Examination (65%)

There will be two examinations. (Check the schedule for the dates of the exams)

Research Paper (Individual) (15%)

You will be expected to write a quality research paper as a major part of your grade in this class. This is an information systems paper. To ensure that you do not wait until the last minute, the paper abstract is due at the mid of the Semester. The abstract must be well thought out and demonstrate a contribution to the literature.

You must be able to answer the following questions with your abstract: 1) what am I saying that is both new and different and, 2) what is my contribution to the literature? The only way to answer these questions is by doing a VERY thorough literature search for your particular topic.

It is suggested that you obtain articles from several issues of various IS/IT journals and other edited sources. These articles will prove to be an invaluable help in structuring your research paper. Please use the APA style for referencing your sources.

The instructor is more than willing to spend time helping the students develop their abstracts. Please note that you should use no fewer than 15 - 20 references and the paper should not be shorter than 7 pages (1.5 spacing). **Your email address must be on the cover page of the paper.**

Research Paper Presentations (10%).

Each student will give presentation based on the research paper and the class discussion.

Plagiarism:

Plagiarism will cause the grade on any written assignment to be zero (0). Generally speaking, plagiarism should be considered the copying of more than three words in succession from the material being used, without placing the words in quotation marks. Since the written projects in this course are designed to focus on summarizing and discussing other peoples' materials, the assignments should include very few exact quotes.

Tentative Schedule

WK	Date	Topic	Assignment(s)	Presentations
1	Thursday, January 14, 2010	Introduction	Read Chapter 1	
2	Thursday, January 21, 2010	The 21st century business environment and technology trends	Read Chapters 2 and 4	Digital Economy
3	Thursday, January 28, 2010	Information technology uses in organizations and Network Computing	Read Chapter 3	Future of the Internet/Semantic Web
4	Thursday, February 04, 2010	Data Management	Read Chapters 5	Supply Chain Management
5	Thursday, February 11, 2010	Securing the Enterprise and Business Continuity	Read Chapter 6 and 7	Security and Privacy
6	Thursday, February 18, 2010	E-Business/ E-Commerce and M Commerce	Prepare for Exam Read Chapters 8	Wireless Technology and Mobile Commerce
7	Thursday, February 25, 2010	First Exam Social Networks in the Web 2.0 Environment	Read Chapter 9	Computer Supported Social Networking
8	Thursday, March 04, 2010	Spring Break		
9	Thursday, March 11, 2010	Transaction Processing Systems/ Enterprise Systems (Cont)	<i>Research Paper Abstract submission</i>	Ethics and IT
10	Thursday, March 18, 2010	Business Intelligence/DSS	Read Chapter 10	Business Intelligence
11	Thursday, March 25, 2010	Business Intelligence/DSS(Cont)	Prepare for Exam Read Chapter 12	
12	Thursday, April 01, 2010	Easter Break	Read Chapter 12	
13	Thursday, April 08, 2010	Second Exam	Read Chapter 13	
14	Thursday, April 15, 2010	IT Strategy and Planning	Read Chapter 14	IT, Productivity and Competitive Advantage
15	Thursday, April 22, 2010	Managing IT Projects, Process Improvement	Read Chapter 15 Research paper submission	IT and Healthcare Service Delivery
16	Thursday, April 29, 2010	Impact of IT on Enterprise etc Presentations		
17	Thursday, May 06, 2010	Presentations		