

Xavier University

Exhibit

Management Information Systems Syllabi

Management Information Systems

9-1-2006

INFO 903-04 Systems of Operations and Technology

Adekunle Okunoye
okunoye@xavier.edu

Follow this and additional works at: https://www.exhibit.xavier.edu/management_information_systems_syllabi

Recommended Citation

Okunoye, Adekunle, "INFO 903-04 Systems of Operations and Technology" (2006). *Management Information Systems Syllabi*. 544.
https://www.exhibit.xavier.edu/management_information_systems_syllabi/544

This Restricted-Access Syllabus is brought to you for free and open access by the Management Information Systems at Exhibit. It has been accepted for inclusion in Management Information Systems Syllabi by an authorized administrator of Exhibit. For more information, please contact exhibit@xavier.edu.

INFO 903 - 04 SYSTEMS OF OPERATIONS AND TECHNOLOGY COURSE SYLLABUS

CLASS LOCATION AND TIME: Hailstones Hall, Room 3 S (8:30am – 11:00am)

INSTRUCTOR:

Name: Dr Adekunle Okunoye
Email: okunoye@xavier.edu
Office Location: Room 319 Hailstones Hall
Office Hours: Mon. 10:00am – 2:00pm
Tue. and Thur. 9:00 – 10:00am
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 globalization, offshoring and outsourcing and the impact of these phenomena on our daily life.

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., Leidner D., McLean E., and Wetherbe J.
Title: Information Technology for Management: Transforming Organizations in The Digital Economy
Edition: 5th Edition
Publisher: John Wiley & Sons, Inc
ISBN: 0-471-70522-5

Blackboard

Blackboard class web site - <http://blackboard1.xu.edu>

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

Grading Criteria

Grading Criteria:		Grade Distribution:			
		Grade	Points	Grade	Points
Attendance/participation.....	10%	A	94-100	C+	77-79
Examinations	75%	A-	90-93	C	73-76
Research Paper	15%	B+	87-89	C-	70-72
		B	83-86	D	60-69
		B-	80-82	F	below 60
	Total.....		100%		

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 (75%)

There will be three examinations. Each exam carries equal weight of 25 %. (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). The paper must be turned in as a hard copy. **Your email address must be on the cover page of the paper.**

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.

Speakers – If class members know of someone who would like to speak to one of the topics on the syllabus please let me know. Speakers from industry directly involved in IT areas are welcome in the class. We can adjust the syllabus assignments depending on the speakers available. Areas that would benefit from a specialist in the field include (but not limited to) the Information Assurance and Disaster Recovery, CRM applications, Outsourcing, Strategic uses of IT and Project Management.

WK	Date	Topic	Assignment
1	Saturday, September 02, 2006	Introduction	Read Chapter 1
2	Saturday, September 09, 2006	The 21st century business environment and technology trends	Read Chapters 2 & 3
3	Saturday, September 16, 2006	Information technology uses in organizations and Network Computing	Read Chapter 4
4	Saturday, September 23, 2006	E-Business	Read Chapter 5
5	Saturday, September 30, 2006	Mobile Computing	Prepare for Exam Read Chapters 6 and 7
6	Saturday, October 07, 2006	First Exam Transaction Processing Systems/ Enterprise Systems	Read Chapter 8
7	Saturday, October 14, 2006	Fall Break	
8	Saturday, October 21, 2006	Inter-organizational Systems	Read Chapter 9
9	Saturday, October 28, 2006	Knowledge Management	Prepare for Exam Read Chapter 10
10	Saturday, November 04, 2006	Second Exam Data Management	Read Chapter 11 and 12
11	Saturday, November 11, 2006	Managerial Decision Support/ Strategic Alignment	Read Chapter 13 and 14
12	Saturday, November 18, 2006	The Economics of IT / The Acquisition of IT	Read Chapter 15
13	Saturday, November 25, 2006	Thanksgiving Holiday	
14	Saturday, December 02, 2006	The Management of IT	Read chapter 16 and Prepare for Final Exam
15	Saturday, December 09, 2006	The Societal Impacts of IT/ Review and Summary	
16	Saturday, December 16, 2006	Final Exam	