

MSIS 5623 (S & T)
INFORMATION NETWORKS
TECHNOLOGY MANAGEMENT
Fall 2007

PROFESSOR: Dr. G. Daryl Nord

OFFICE: 220 Spears School of Business

EMAIL: daryl.nord@okstate.edu

OFFICE HOURS: M & W – 10:30-11:30

REQUIRED TEXTBOOK: *Information Technology for Management*, Turban, McLean, and Wetherbe, 2006, 5th Edition, Wiley & Sons, Inc.

COURSE DESCRIPTION: Managing information technology resources and communication networks is becoming one of the more critical factors in the operations of a company. One premise of the course is that a new economy and a new type of firm have emerged in the last decade. Some refer to these new phenomena as the "emerging digital economy" and the "emerging digital firm" respectively. The Internet, the Web, global information systems, security, and e-business applications are visible examples of this on-going change process.

The overall format of the class is discussion with time for case discussion activities and short presentations by class participants. As we work together, we will strive to develop a better understanding of the many facets of the digital firm.

ATTENDANCE: Participation, discussion, and questions are essential ingredients of any learning environment. Therefore, attendance is expected and necessary so we can have productive class sessions. I will call on each and every one of you throughout the duration of the semester. Please actively participate. If you should have to miss one class session, get notes and materials from a class friend.

ASSIGNMENTS: Projects, outside readings, and presentations will be assigned throughout the duration of the course. **IT IS ESSENTIAL THAT YOU WILL READ THE ASSIGNED CHAPTERS** prior to class. Class time will be devoted to discussion and essential explanation of assigned materials. You are responsible for all readings on the due date whether discussed in class or not. All assignments that are submitted for grading must be submitted on paper.

GENERAL COURSE OBJECTIVES: The objective of the course is to emphasize the fundamental premise that information technology's primary role in the digital corporation is to provide business solutions in a dynamically changing environment.

- Understand the foundations of information technology and IT's impact on business and industry.
- Understand technological approaches to add value to business practices and strategies.
- Develop an understanding and appreciation of information support systems, decision support applications, knowledge management systems, and intelligent systems.
- Develop an understanding of computer networks and wireless systems that influence and affect the management of information technology.

--Develop an understanding and appreciation for the concept of the digital economy and digital corporation.

TENTATIVE GRADING SCALE:

Midterm-Exam I	30%
Final-Exam 2	30%
Project 1	10%
Project 2	15%
Class Labs & Technology	
Assignment	10%
Class Participation	<u>5%</u>
Total Points	100%

90%	- A
80%	- B
70%	- C
60%	- D
Below 60%	- F

EXAMINATIONS: Examinations will include material from textbook reading assignments, handout material, classroom lectures and discussion, and other miscellaneous assignments.

Team Project 1: A key factor in the world today is the internationalization of business. This research project will assist each of you in the understanding of the use of technology in business practices and cultures in selected European countries. 1) Prepare a double spaced, 8-10 page, 12 font report on selected issues focusing on the use of technology to conduct business in that country. 2) Develop a 10-12 minute (about 12 slides) PowerPoint slide presentation, submit to your professor and present in class. Follow a scholarly approach to writing the paper include a list of references, correctly cited, for all sources of information. Each team member must participate in the research and writing of the project including the development and presentation of the PowerPoint slides. Potential project topics including the European countries will be discussed and presented on our Desire to Learn (D2L) class page. Due dates will be listed on the weekly schedule page of this syllabus.

Team Project 2: First, each team will discuss and select a project and then clear them with me prior to beginning work on the project. All team members are expected to participate in all activities of the project. 1) Prepare a double spaced, 8-10 page, 12 font, typed paper and submit on due date as identified below. 2) Develop a 10-12 minute PowerPoint (about 12 slides) slide presentation, submit to your professor, and present in class. Follow a scholarly approach to writing the paper include a list of references, correctly cited, for all sources of information. Each team member must participate in the research and writing of the project including the development and presentation of the PowerPoint slides. A sheet with a list of potential project topics will be discussed and presented on our D2L class page. Due dates will be listed on the weekly schedule page of this syllabus.

Individual Innovative Technology Assignment: Identify one new/interesting computer technology that has recently been implemented within your field of study or work. Research that development and prepare a double spaced, three page, 12 font, typewritten paper highlighting the significant aspects of the technology and application. Develop a 5-8 minute (about 6-8 slides) PowerPoint presentation for class. Follow a scholarly approach to writing the paper include a list of references, correctly cited, for all sources of information. A presentation sign-up schedule will be developed in class. Papers and slides series are due on your presentation date.

Class Labs: There will be two class lab assignments that will be listed on the D2L class page and due as indicated on the Tentative Weekly Schedule below. We will meet in the computer labs to complete each class lab assignment.

Approximate agenda of classes:

Lecture
Break (for Tulsa section)
Case Analysis
Innovative Technology Presentations
Wrap up

Special Needs: If any member of this class feels that he/she has a disability and needs special accommodations of any nature, contact me or the Office of Student Disability Services or the similar office at OSU Tulsa.

University Policies:

<http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Fall.htm>

<http://osu.okstate.edu/acadaffr/aa/PDF%20Files/aipp.pdf>

<http://osu.okstate.edu/acadaffr/aa/academicintegrity.htm>

<http://osu.okstate.edu/acadaffr/aa/academicintegrity.htm>

Computers, Cell Phones, Beepers, etc.: Prior to class, close all computers, turn off all communication devices and join in on the conversation.

COMMENT: You may turn in assignments early, but you will lose points for submitting assignments late. Assignments will be accepted up to one week following the due date. After this period, assignments will not be accepted for credit.

Tentative Schedule

Week	Starting	Topics
1	Aug 20	Introduction & Ch. 1 – Strategic Use of IT in the Digital Economy Review the “Help” information Page of Desire to Learn and introduce yourself to D2L
2	Aug 27	Ch. 2, Information Technologies: Concepts & Management

Ch. 3, Network Computing: Discovery, Communication, & Collaboration,
Select Teams and submit team member names to your professor for both Projects 1 & 2. The same team members will work together on both projects. Due – Aug. 27

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| 3 | Sept 3 | University Holiday – Labor Day
Ch. 4, E-Business & E-Commerce, Stillwater– Wed. |
| 4 | Sept 10 | Complete Ch. 4, E-Business & E-Commerce
Ch. 5, Mobile, Wireless, & Pervasive Computing,
Team Project 1 discussed and assigned |
| 5 | Sept 17 | Ch. 6, Transaction Processing, Functional Applications & Integration
Class Lab 1 – Tulsa second half of class –Sept 17
Stillwater- Sept. 19 |
| 6 | Sept 24 | Ch. 7, Enterprise Systems
Ch. 8, Inter-organizational & Global IS
Team Project 2 Topics Due by Sept. 24 |
| 7 | Oct 1 | Complete Ch. 8
Exam 1 – Tulsa Oct. 1, Stillwater – Oct. 3 |
| 8 | Oct 8 | Fall Break – October 8 & 9
Monday Tulsa Class (Meets on Wednesday, Oct. 10)
Ch. 9, Knowledge Management
Ch. 10, Data Management |
| 9 | Oct 15 | Team Project 1 Reports & Presentations Due – Oct. 15 |
| 10 | Oct 22 | Complete Project 1 Presentations
Ch. 11, Management DS & Intelligence Systems |
| 11 | Oct 29 | Ch. 12, Using Information Technology for Strategic
Class Lab 2 – Tulsa – second half of class period on Oct. 29,
Stillwater – Oct. 31 |
| 12 | Nov 5 | Ch. 13, Information Technology Economics |
| 13 | Nov 12 | Ch. 14, Acquiring IT Applications & Infrastructure |
| 14 | Nov 19 | Ch. 15, Managing Information Resources & Security |

November 22-23– **University Holiday**

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| 15 | Nov 26 | Team Project 2 Reports Due and Presented |
| 16 | Dec 3 | Complete Project 2 Presentations
Pre-Finals Week |
| 17 | Dec 10 - 14 | Finals Week |