

MSIS 5623 (DL)
INFORMATION NETWORKS
TECHNOLOGY MANAGEMENT
Spring, 2008

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DESIRE TO LEARN: <https://oc.okstate.edu/>

OFFICE HOURS: Administrative contacts: Alvina Shearer, Program Specialist, Distance Learning at cepd@okstate.edu or call 1-866-678-3933 or 405-744-4054 or Shona Gambrell, Program Coordinator at 405-744-4048, 1-866-678-3933, or Fax 405-744-1891

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". 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 lecture with time for discussion activities and short presentations by participants that are physically in the classroom. As we work together, we will strive to develop a better understanding of the many facets of the digital firm. Please remember that you are each individually responsible for viewing all lessons presented.

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. You are responsible for all readings on the due date whether discussed in class or not.

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%
Team Project 1	15%
Team Project 2	15%
Class Labs, & Technology Assignment	10%
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. Exam dates and times are shown in the schedule. All students are expected to take the exam on this date. If you have a direct (same time) conflict with another exam, take and have the exam returned by Friday of the week the exam is scheduled. The expectation is that you take the exams at the prescribed times. Distance learning students will be expected to follow regular procedures to establish a valid proctor with Alvina Shearer or Shona Gambrell in the Center for Executive and Professional Development, in time to have that person receive your exam to take at the closest possible time on the same day as other students in your class.

Every student is responsible for all material covered and announcements made during presentations, sent by e-mail, or posted on the website, regardless of whether they have viewed the lectures in a timely manner.

Team Project 1: A key factor in the world today is the globalization of the business world. 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 minute (about 12 slides) PowerPoint slide presentation and submit both electronically to your professor. 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 of the PowerPoint slides. An additional requirements sheet and a list of European Union countries will be presented on our Desire to Learn (D2L) class page. The due date will be on the class schedule page of this syllabus.

Team Project 2: Potential project topics for project 2 will be presented on our D2L class page. All team members are expected to participate in the project. 1) Prepare a double spaced, 8-10 page, 12 font, typed paper. 2) Develop a 10 minute PowerPoint (about 12 slides) slide presentation and submit both electronically

to your professor. 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 of the PowerPoint slides. The due date is on the schedule page of this syllabus.

Individual Innovative Technology Assignment: Identify an interesting information technology related hardware, software, system, etc. 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 or application. Develop a 5-8 minute PowerPoint slide presentation (about 6-8 slides) and submit both electronically to your professor by the due date listed on the schedule. Follow a scholarly approach to writing the paper include a list of references, correctly cited, for all sources of information. An assignment sheet will be discussed and presented on our D2L class page along with the assignment due 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 Schedule below. The class labs are designed to apply concepts discussed in the class. Complete each class lab assignment as indicated on that specific assignment sheet and submit to your professor. On those “class lab days” there will not be a class lecture.

Approximate agenda of classes:

Lecture

Innovative Technology Presentations by in-studio participants

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-spr.htm>

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 Weekly Schedule
Week	Topics

- 1 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 Ch. 2, Information Technologies: Concepts & Management,
Ch. 3, Network Computing: Discovery, Communication, & Collaboration,
- 3 Ch. 4, E-Business & E-Commerce
- 4 Ch. 5, Mobile, Wireless, & Pervasive Computing,
**Select teams and submit team member names (3 people per team) to your
professor for Project 1 & Project 2. The same team members will work
together on both projects.
Team Project 1 discussed and assigned**
- 5 Ch. 6, Transaction Processing, Functional Applications &
Integration
**Class Lab 1 Due – 2nd Class Period. Complete the Class Lab 1 assignment
and electronically submit, no class lecture on this day**
- 6 Ch. 7, Enterprise Systems,
Ch. 8, Inter-organizational & Global IS
Innovative Technology Reports & PPSlides Due – 2nd Class Period
- 7 **Exam 1 – Due by end of week 7**
- 8 Ch. 9, Knowledge Management
- 9 **Team Project 1 Reports & PPSlides Due – 1st Class Period**
- 10 **Complete Project 1 Presentations**
Ch. 10, Data Management
Ch. 11, Management DS & Intelligence Systems
**Team Project 2 Topics Due, send selected topics to your professor
by 2nd Class Period**
- 11 Spring Break
**Class Lab 2 Due – Complete the Class Lab 2 assignment and
electronically submit, no class lecture on this day .**
- 12 Ch. 12, Using Information Technology for Strategic Advantage
Ch. 13, Information Technology Economics

- 13 Ch. 14, Acquiring IT Applications & Infrastructure
Ch. 15, Managing Information Resources & Security
- 14 Ch. 15, Managing Information Resources & Security
- 15 **Team Project 2 Reports & PPSlides Due – 1st Class Period**
- 16 **Complete Project 2 Presentations**
Pre-Finals Week
- 17 **Finals Week – Final Exam Date –Friday of Final's Week**