

Instructor

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Course Description

Through a combination of lectures, class activities, homework, quizzes and examinations, this course provides an overview of how computers and information technology are used today to satisfy business objectives and increase an organization's strategic advantage in the global market place.

Course Objectives

Students will learn a basic vocabulary in information technology (IT). Real world examples show how IT is integrated into the business world with an emphasis on increasing strategic advantage by improving productivity, customer service and process re-engineering. Technology topics covered include (but not limited to) information and infrastructure architecture, network computing, transaction processing, and decision support systems. Porter's competitive forces model is explored as how it relates to IT.

Text Book

Information Technology for Management: Making Connections for Strategic Advantage , by Efraim Turban, Ephraim McLean and Jams Wetherbe. John Wiley & Sons, 1996 (www.wiley.com/college/turban/toc.html)

Requirements

Students should have a basic understanding of how to use a computer from an introductory course such as CIS103. Students are responsible for the readings for the week prior to the start of class.

Class Exercises

Students will complete an Internet assignment in class each week. Students may work in groups or individually. A student will be chosen at random to present the exercise findings at the end of each week. If the class exercises are not completed in class then you are expected to complete them outside the class.

Projects

Students will complete two projects. The first project is an individual project and due at the end of Week 6. The second project is a group project and due at the end of Week 14.

Homework

Homework is due the end of each week at the beginning of class. Homework may be submitted late with a 10% late charge for each class day.

Submitting Your Own Work: Individual

Each student is expected to complete his or her own assignments. Although modern work environments require extensive teamwork, the goal of this class is the acquisition of knowledge through individual study. You must distinguish between discussing course material with classmates and copying other people's work. On the first offense, the penalty for copying is a grade of `F' for the assignment for all parties involved; a second offense will result in an `F' for the course.

Group Participation

All group members should contribute to the group. Any problems with group members not contributing should be addressed to the instructor.

Attendance

Regular class attendance is important for three reasons. First, you are responsible for all materials discussed in class. Second, you should use the class exercise time as effectively as you can, while direct help from the instructor is available. Third, coming to class regularly is good motivation for keeping up with the course work. Attendance will be taken at all class sessions.

Tests

There are two examinations and 13 quizzes for the semester. The examinations are not cumulative i.e. the final will only contain questions based on material covered after the mid-term. Quizzes are *open book*, *open note*, and *open computer*. The examinations are only *open note* and *open computer*. Make-up exams and quizzes will be held after the final exam. Make-up exams and quizzes are *closed book*, *closed note* and *closed computer*.

Grading

The class grade will be an average of course work based on the following weights:

Midterm & Final	40%
Projects	20%
Homework	15%
Quizzes	15%
Class Participation	10%

The following will be used in determining the final letter grade:

- A: 90 - 100%
- B: 80 - 89%
- C: 70 - 79%
- D: 60 - 69%
- F: below 60%

Office Hours

Thirty minutes following each class or by appointment. For "quick" questions, email or the telephone are the simplest ways to contact me.

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Week	Topics / Activity	Readings	In Class Internet Exercise	Homework Questions For Review (QFR)
1	Organizations, Environments & IT	Chap. 1	2	QFR: 7,10
2	<u>IT Concepts & Management</u>	<u>Chap. 2</u>	1	QFR: 12,14
3	<u>Strategic</u> Information Systems	<u>Chap. 3</u>	2	QFR: 3,6
4	BPR &IT	<u>Chap. 4</u>	2 BankOH	QFR: 2,17
5	Network Computing: Discovery, Communication, & Collaboration	Chap. 5	4	QFR: 5,19
6	Electronic Commerce Project I due	Chap. 6	7	QFR: 5,6
7	Impacts of IT on Organization & Society Review for Midterm MIDTERM	Chap. 7	5	QFR: 2,13
8	Transaction Processing, Innovative Functional Systems, Supply Chain <u>Integration</u>	Chap. 8	4	QFR: 5,15
9	Supporting Management & Decision Making	Chap. 9	1	QFR: 5,15
10	Data & knowledge Management	Chap. 10	3	QFR: 3,8
11	<u>Intelligent Support</u> Systems	<u>Chap. 11</u>	6	QFR: 5,19
12	<u>Planning</u> for IT & <u>Systems</u>	<u>Chap. 12</u>	3	QFR: 4, 7
13	IT Economics	<u>Chap. 13</u>	5	QFR: 2,9
14	Systems Development Project 2 due	Chap. 14	1	QFR: 3,8
15	Managing Information Resources, Control, and Security Review for Final FINAL EXAM	Chap. 15	3	QFR: 2,28