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Management Information Systems Syllabi

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## 220-07 Management of Information Technology

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## COURSE SYLLABUS INFO 220 – MANAGEMENT OF INFORMATION TECHNOLOGY

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### **TEXTS:**

Pearson Custom Business Resources – *Introduction to MIS*, Kroenke, 2010: ISBN 055855418-0  
Pearson Custom Program for CIS – Access & Excel 2010, Grauer, et.al.,  
MyITLab Computer-based Training software from INFO120

**DESCRIPTION:** An introduction to the theory and the applications of computer-based information systems in organizations with an emphasis on the management of modern information technologies used to support business. This course also includes problem solving with spreadsheets and databases. **Prerequisite: INFO120**

**WILLIAMS COLLEGE OF BUSINESS MISSION:** "We educate students of business, enabling them to improve organizations and society, consistent with the Jesuit tradition."

The Managing Information Technology course provides students with knowledge of the role and contribution of information systems to organizations as well as the opportunity to apply business problem solving skills through team interaction and microcomputer application development consistent with the above Mission.

### **COURSE OBJECTIVES\*:**

1. To identify and in some cases use technologies that impact the way we live and work in a global economy
2. To identify basic concepts and terminology with regard to computer hardware, software, data communications and security
3. To apply basic concepts and identify terminology with regard to the Internet and Web and to develop a Small Web site
4. To use and identify the basic concepts and terminology related to Ecommerce
5. To be familiar with and apply social and ethical concepts in a global, technology-based society
6. To recognize and define the value, the development and the use of information systems in organizations
7. To identify the role of technology in management and decision-making
8. To be aware of and be able to discuss career opportunities in Information Systems (IS) and Information Technology (IT)
9. To develop and demonstrate successful interpersonal and team interaction skills
10. To apply basic database concepts and terminology when using Microsoft Access for small business applications
11. To use Microsoft Excel successfully when solving business problems
12. To communicate in a virtual environment by participating in virtual activities.

\*Note: Detailed objectives specific to each module will be available from the course Blackboard Web site.

## **COURSE MODULES**

This course consists of 5 separate modules:

- Hardware/software (includes Data Communications & Security Issues)
- Internet and Web Development & Ecommerce (includes ethical issues related to the Internet)
- IT in Organizations (includes System Development & Integration, Business Intelligence, and IT careers)
- Database and Microsoft Access
- Microsoft Excel Problem Solving

Each module will be “self-contained” and will be assessed independently from the other modules. See the evaluations section of this syllabus for details on the grading procedure.

## **BACKGROUND REQUIREMENTS**

This course is designed to be predominately an online course. We will on occasion meet for Face-to-Face (F2F) meetings. The first few weeks of class will be F2F meetings in order to become comfortable with this hybrid course (see the schedule for exact F2F meeting dates.) The Exams will also require F2F meetings. We will use Blackboard for the course learning material discussion, lab assignments and for turning in assignments. All resources, documents, exams, and assignments will be conducted electronically. All assignments will be submitted through Blackboard.

It is important that you have ready access to a computer with an Internet connection and that you can effectively transfer files to your out-of-class work environment. File transfers will primarily be accomplished through the Xavier network disk space available to students as implemented in INFO120. We will have our class office hours in a virtual environment but if you need a F2F meeting you can make an appointment to meet at my campus office.

**Prerequisites:** It is assumed that students have a working knowledge of basic file management, word processing, and presentation graphics (PowerPoint) skills. Projects will include discussion, hardware applications, software applications (Programming and Web Site Development), as well as an introduction to Microsoft Access and advanced Excel exercises. Emphasis will be using Excel to solve basic business problems, and you are expected to have a working knowledge of Excel basics coming into the course, along with the Computer-based Training software from INFO120. Excel projects will extend from the projects in INFO120

## **TEAMWORK AND PARTICIPATION**

Some amount of class time will be devoted to team and individual projects. Class and team participation in these projects is critical to a successful learning experience and will be reflected in the Projects and Assignments portion of the grade distribution for each module. These projects will have a virtual component in order for you to learn how to work in a real world environment. As Thomas Friedman has pointed in his books, *The World is Flat*, you will need to be ready to work virtually all over the world.

Class participation will involve discussion of our reading assignments, group case work, and special projects in the Discussion Board section of Bb.

## **EXAMS**

There will be 3 exams (1 for Modules One, 1 for Module Two and 1 for Modules Three & Four combined). All exams will be taken in the classroom in a F2F setting.

## **CLASS POLICIES**

1. You are expected to regularly participate in the class and meet the assigned deadlines. Attendance will be evaluated with F2F meetings and your work in the Discussion Board of the class.
3. Assignments are to be submitted by the due date or you will lose points (10% everyday late.)
4. You must do your own work. You may work in teams however you must submit your own work. Plagiarism will result in a zero score. Identical Excel worksheets and Access Work will be considered plagiarism and will result in a zero for that exercise. More than one offense will result in a report to the Dean's office which can result in expulsion from the course.

## **EVALUATION**

<b>Assignments</b>	<b>Grade %</b>	<b>Grade Distribution</b>
Module 1 Exam	15%	94 – 100 A
Module 2 Exam	15%	90-93 A-
Module 3/4 Exam	15%	87-89 B+
Access Projects & MyITLab Exam(s)	10%	83-86 B
Excel Projects & MyITLab Exam(s)	15%	80-82 B-
Individual Projects and Assignments	10%	77-79 C+
Group Projects and Assignments	10%	73-76 C
Forum Participation and Feedback	10%	70-72 C-
		60-69 D
		Below 60 F