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## INFO 220-4S Management of Information Technology

Thilini Ariyachandra  
*Xavier University*

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## INFO 220 – MANAGEMENT OF INFORMATION TECHNOLOGY

**INSTRUCTOR:** Thilini Ariyachandra, Ph. D.    **OFFICE:** Smith 206 (Will be available online during the summer session)

**E-MAIL**                      ariyachandrat@xavier.edu    **WEB SITE:**                      [canvas.xavier.edu](http://canvas.xavier.edu)

**VIRTUAL OFFICE HOURS:** Tuesday/Thursday 12pm to 1:30pm    **TELEPHONE:** 513.745-3379  
\*\* (Please leave voicemail with you email address so I can respond back to you)

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**TEXT:**        Pearson Custom Business Resources – *Introduction to MIS*, Kroenke, 2012

**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 plus apply basic Internet concepts by building a web small web page.

3. To use and identify the basic concepts and terminology related to Ecommerce.
4. To apply social and ethical concepts in a global, technology-based society.
5. To recognize and define the value, the development and the use of information systems in organizations.
6. To identify the role of technology in management and decision-making
7. To develop and demonstrate successful interpersonal and team interaction skills.
8. To apply basic database concepts and terminology when using Microsoft Access for small business applications
9. To successfully use Microsoft Excel when solving business problems.

## **COURSE MODULES**

This course consists of 5 separate modules:

- IS for Competitive Advantage
- IS in Organizations (include Enterprise Systems and Business Intelligence)
- Ecommerce, Web Development and Hardware/software
- Database and Microsoft Access
- Microsoft Excel Problem Solving

## **BACKGROUND REQUIREMENTS**

**Prerequisites (INFO120):** 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, 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 including skills learned 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 Assignments portion of the grade distribution for each module.

## **CLASS POLICIES**

- Assignments are to be submitted by the due date or you will lose points (10% every day late until the 5<sup>th</sup> day, after the 5<sup>th</sup> day the assignment will receive a maximum of 50%)
- 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>
Exams (Excel, Access, Essay)	30%
Assignments (Quickbooks, Web Site Development, etc)	40%
Excel Assignments	15%
Access Assignments	15%

<b>Grade Distribution</b>	
93 – 100	A
90-92.9	A-
87-89.9	B+
83-86.9	B
80-82.9	B-
77-79.9	C+
73-76.9	C
70-72.9	C-
67-69.9	D+
63-66.9	D
60-62.9	D-
Below 60	F