

BAMAN – Fall 2009**OPIM 302 – MANAGEMENT INFORMATION SYSTEMS**

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Office Hours: by appointment
Lecture Time & Location: Monday 15:40 – 17:30 FMAN G060
Wednesday 13:40 – 14:30 FMAN L018
Monday 14:40 – 15:30 (R) FMAN L018

Course Objective:

Information is a critical ingredient for the operation and management of any organization, and Information Systems play a vital and increasingly strategic role in the production, management, creative marketing, and delivery of products and services. Advances in technology have resulted in the development of systems that are radically transforming the nature of managerial work, the structure of organizations, and the way firms operate, relate to other firms, and compete in the marketplace. Thus, understanding the implications of modern information technologies on the management process and how it can be used to achieve competitive advantage, efficient operations, and effective decision making, is an important aspect of any modern manager's job.

This course covers introduction to information systems concepts including an overview of the strategic importance of an information system, the types of information systems used by businesses; systems analysis and design methodologies, techniques and technologies including database management systems used during the development of information systems for business including electronic business models and enterprise systems.

Learning Outcomes:

The overall course objective is to provide the concepts and skills you need to analyze and design information systems. Upon successful completion of the course, you are expected to be able to:

- Analyze a business need for information and to develop an appropriate strategy to solve the problem and provide the required information service.
- Describe the major alternative methodologies used in developing information systems and the considerations involved in choosing which methodology to use.
- Construct and interpret a variety of system description documents, including physical and logical data flow diagrams, entity-relationship diagrams, some UML diagrams such as state-transition, activity and use case diagrams.
- Apply database management technologies for developing information system for business including E-business models and enterprise systems.

Course Materials:

Modern Database Management, 9th Edition, by J. A. Hoffer, M. B. Prescott and F. R. McFadden, 2009, Pearson Prentice Hall, available at HOMER.

Essentials of Systems Analysis and Design, 3rd Edition, by J. S. Valacich, J. F. George, J. A. Hoffer, 2006, Pearson Prentice Hall.

First book is required as textbook and second one is recommended book. One copy of both books is also available at the Information Center in reserve section.

Course Web:

All course related materials and announcements will be available at the SU Course website.

Attendance:

Formal attendance will not be taken. It is your responsibility to attend lectures. You also are responsible for all information provided in class. This includes schedule changes as well as lecture materials.

Grading & Requirements:

Pop Quizzes		20%
Midterm Exam	November 23 rd	25%
Group Project	Due on Jan 22 nd	30%
Final Exam	Jan 11 – 22	25%

Pop Quizzes:

There will be approximately 15 pop quizzes. There is no make-up for them. If you do not attend, you will get zero from them even you have proof that you had a legal or medical emergency. The quizzes will be open book and notes. You can consult/discuss the questions with your instructor and classmates during quizzes. However, you can not directly copy answers from other classmates. If this case happens, both parties will get zero from the quiz.

Exams:

There will be one midterm and one final exam. The exams will consist of multiple choice, short answer, and diagramming and short problems. You cannot make-up for missed exam unless you have proof that you had a legal or medical emergency. You also have to submit one copy of your proof (report) to the instructor within two days after the exam. Otherwise, I have right not to accept your proof (report). The make-up exam will be held right after final exam weeks. It will be comprehensive and more difficult than regular exams.

Group Project:

You suppose to do your project with your group; however you can discuss it with other classmates in order to get some idea and insight. For the project you will prepare three

progress reports and a final report and present it in the class at the end of the semester. In the project you will design an information system for a specific usage. Then you will implement it in Microsoft Access. Details on the project will be discussed during the third week of class.

Peer Evaluation in the Group Project:

Group dynamics are the responsibility of the members of the group. The group will be assigned one grade for the project. However, the individual grades for each group member will be calculated based on group performance evaluations that will be done at the end of the semester. If you feel that there is a free rider in your group, you would report him/her while filing group performance evaluations so that I can calculate the individual grades accordingly.

In the performance evaluation basically, you are judging the contribution of the members of your team. The scores you assign should not be merely functions of time spent by each member, but they should be measures of the "contribution;" their relative contribution to the idea generation, research, analysis, writing, oral presentation, report writing, etc. If the team was highly functional, and each member did what they committed themselves to, then you can assign the same mark to each member of the group. If, on the other hand, some members of the group did not fulfill their commitments and did not contribute as much as the others, then you can use an uneven distribution of points to reflect the differences in commitment and contributions.

Laptop Policy:

The use of laptops is permitted only during some of the lecture hours only for the purpose of doing exercise on MS Access and Visio. You will be informed when you are allowed to use before lecture hours so that you can bring your laptops. You must not use your laptop to work on other courses, check e-mail, or engage in other distracting activities. Any student found to violate this policy will be asked to discontinue use of the laptop for the remainder of the class period. A second offense will result in the removal of the student's laptop privileges for the remainder of the semester. I reserve the right to forbid laptop usage if it is abused or if it distracts me or other students.

Plagiarism & Academic Dishonesty:

Every paper you submit to me should be an original piece of writing, presenting your ideas in your own words unless otherwise noted. Everything you borrow from books, articles, visual material or web sites (including those in the syllabus) should be properly cited. You are free to use sources outside of the course material as long as you cite them. You are also free (in fact, encouraged) to discuss your papers and research ideas with others (including your friends in the class), but it is important that you do not share your writing with anyone until it has been graded. Plagiarism is a very serious misdeed that can result in a reduced grade or an F (for the paper and/or the course). Please pay utmost attention to avoid this accusation. I will follow the university guidelines on academic dishonesty. It is your responsibility to read the university guidelines on this matter.

Tentative Schedule:

Week	Dates	Monday	Wednesday
1	September 28 – 30	Introduction	Introduction - Chapter 1
2	October 5 – 7	Chapter 1-2	Process Oriented Modeling
3	October 12 – 14	Data Flow Diagrams	Managing IS Projects
4	October 19 – 21	Chapter 3	Chapter 3
5	October 26 – 28	Chapter 3-4	NO CLASS
6	November 2 – 4	Chapter 4	Chapter 5
7	November 9 – 11	Chapter 5	Chapter 5
8	November 16 – 18	Introduction to Access	Chapter 5
9	November 23 – 25	Midterm Exam	Chapter 7
10	Nov 30 – Dec 2	NO CLASS	Chapter 7
11	December 7 – 9	Chapter 7	Chapter 7
12	December 14 – 16	Chapter 8	Chapter 8
13	December 21 – 23	Chapter 8	Chapter 8
14	December 28 – 30	Chapter 14	UML
15	January 4 – 6	Group Presentations	Group Presentations