MBA 511
Management Information Systems
Fall 2013

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Office Hours: TBA

Course Description (from the course catalog):

Introduction to the concepts, types and characteristics of management information (MIS) systems and decision support systems. Development of MIS theory. MIS, decision-making and problem solving, MIS within the organization. MIS and information requirements. Planning with MIS. Control with MIS. Design and development of MIS and decision support systems. Emphasis will be placed on microcomputers applications.

Course Objectives:

Students will:

Demonstrate conceptual and technical understanding of the design and development of management information systems and of information technology. Management systems based upon internet technology will also be considered in the course.

Articulate insights regarding the use of management information systems and decision support systems as well as the policy implications regarding the development, evaluation and implementation of information technology.

Demonstrate an understanding of managerial decision making using information systems.

Prerequisites: MBA 503 and 504 or permission of department.

Course texts:

NOTE: Other readings will be assigned to you during the course of the term.

Evaluation:

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<th>Evaluation</th>
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<tr>
<td>Midterm Exam</td>
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<td>Final Exam</td>
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<td>Final Project</td>
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Personal Responsibility:
It is expected that the student will assume responsibility for his/her performance in the course. Hence, it is incumbent on the student to bring any problems that she/he might be having in completing the required work to the attention of the instructor as soon as possible. In addition the University’s policies regarding plagiarism will be enforced in this course.

**Students with Disabilities:**

Those students who need special consideration for whatever reason should notify the instructor at the beginning of the term.

**Course Outline**

NOTE: There might be some minor alterations to this schedule.

Note: TBDY = To be distributed to you.

I. Overview of course and introduction
Readings:

II. Introduction to databases; database modeling; entity-relationship diagrams; basic data analysis
Readings: Database article handout - TBDY; Haag Chapter Three

III. Decision support and other systems
Readings: Shim et al – TBDY; Haag Chapter Four; Walsham; Olszak TBDY

IV. Data Analysis

V. E-Commerce overview
Readings: Haag Chapter Five

VI. Web services Overview
Readings: Gottschalk et al- TBDY, Curberra et al – TBDY

VII. Semantic Web and intelligent agents
Readings: Wooldridge and Jennings - TBDY

VIII. Systems Development
Readings: Haag Chapter Six

IX. “Building the Dynamic Enterprise”
Readings: Haag, Chapter Seven

X. Security Issues
Readings: Haag, Chapter Eight

XI. Emerging Trends (include “big data”)
Reading: Haag, Chapter Nine