

ISM 215

Information Systems Theory and Practice

Instructor: Steven Millet
Winter II Term 2009
January 13th – March 14th

Email: steven.millet@doane.edu
Time: 6:00 – 10:30 PM
Tuesday Evenings

This course provides an understanding of the decision process and how information is used for decision support in organizations. Students develop an understanding of decision theory and practice essential for providing viable information to the organization and will be able to identify the various types of information systems. (3 Credits)

Course Objectives: At the end of this course, the student should

- Understand what an Information System is, and be familiar with the different types of Information Systems as demonstrated in lecture and lab.
- Be familiar with what decision theory is and understand, through structured labs, how to use decision support software.
- Have a general understanding of Systems Analysis and Design considerations and the end-user, through the analysis of selected case studies.
- Be familiar with the potential provided by Computer Aided Systems and Software Engineering (CASE) tools in the ISM process, through "hands on" lab assignments.
- Understand the growing potential provided by the use of Artificial Intelligence (AI) and Expert Systems in ISM, through directed lab assignments.

Required Course Text

Management Information Systems: Managing the Digital Firm, 9th Ed. By Kenneth C. Laudon and Jane P. Laudon, Prentice Hall.

<u>Class</u>	<u>General Topics To Be Covered</u>
1	Course Overview Introduction to Information Systems Management (ISM)
2	The Strategic Role of Information Systems Information Systems, Organizations, and Business Processes Information, Management, and Decision Making Ethical and Social Impact of Information Systems
3	Computers and Information Processing Information Systems Software Managing Data Resources Telecommunications The Internet and Enterprise Networking
4	Midterm EXAM #1 (In Class) Redesigning the Organization with Information Systems
5	Alternative Systems-Building Methods Ensuring Quality with Information Systems Systems Success and Failure: Implementation
6	Managing Knowledge Enhancing Management Decision Making
7	Controlling Information Systems Managing International Information Systems Additional Issues in ISM
8	Final EXAM #2 (In Class) In Class Project Reports Due

Grading:

The student's final grade will be determined as follows:

- 35% Course assignments and activities
- 25% Exams (2 scheduled)
- 15% Quizzes (2 scheduled)
- 15% Term Project
- 10% Attendance and Participation

The following Grading Scale will be used:

100 – 97	A+
96 – 94	A
93 – 90	A-
89 – 87	B+
86 – 84	B
83 – 80	B-
79 – 77	C+
76 – 74	C
73 – 70	C-
69 – 67	D+
66 – 64	D
63 – 60	D-
Below 60	F

Classroom Procedure:

The first 1 1/2 - 2 hours of class will always be devoted to lecture. The remaining class time will be reserved for students to work on course assignments. Students are encouraged to make optimum use of this time, as your instructor will be readily available to answer any questions you might have. The only exceptions to this schedule may be on exam or quiz nights. Only students with excused absences will be allowed to take make-up exams. Make-ups should be taken no later than one week after the exam date. Students will complete a class term project, due on the last night of class. This will consist of a paper approximately 5 -6 pages in length. Students should be prepared to give a short oral report about their project during the last class meeting. More information about the project will be provided the first night of class.

The Doane Academic Integrity Policy will be adhered to in this class. All assignments and exams/quizzes will represent your own work. Any use of others' ideas and words without proper citation of sources is plagiarism and could result in the loss of all points for that particular assignment or exam.