FD '02

Syllabus for BU 307
Management Information Systems (3 Cr.)

Dr. Steelquist
Fall 2002, 8:00 AM, M,W,F, H107

COURSE DESCRIPTION:

The objective is to gain practical experience and an understanding of how Information Technology is used in business today. The emphasis is on the systems approach of integrating technology into management decisions. Management practices, hardware, software, and current trends are discussed. These trends include technological currency and the diversity imposed by the global marketplace. Students should have an understanding of computers and management practices before taking this course.

Computer knowledge is rapidly changing, so we will be using internet exercises for the "state-of-the art". The instructional method is in three parts. First the fundamentals will be covered through reading and discussing the text. Second the text will be supplemented by using internet and journals. Third the student will complete projects including computer implementation.

Each student will prepare two projects. One will be an individual project and the other will be a group project. A written proposal will be turned in to the instructor before starting each project. Topics will be selected by the student, approved by the instructor, and presented to the class. Individual project presentations will be made during discussion of the chapter in which the topic is included.

Specific objectives are to understand:

1. Information management
2. Systems
3. Hardware and Software
4. Types of information systems
5. How to design and construct an information system

OUTLINE:

Computerized Information in Organizations (1,2,3,4,5)
Systems Concepts (6,7,Appendix B)
MIDTERM
Information Technology (8,10,14,9)
MIDTERM
Functional Information Systems (12,13,15,11,16,17,18,\Appendix A,C,D,E)
Team Projects
FINAL

GRADING:

Examinations (Midterm & Final)	40%
Exercises and Quizzes	20%
Projects	40%

The final letter grade will be assigned by totaling the points from each graded item. No letter grades will be given for individual tests or projects. Exercises and quizzes must be taken when required. No make up will be allowed. The final will be cumulative with an emphasis on the material after the midterm. Grading is on a modified curve so point totals for grades may change each term. Check with the professor at any time for a current grade.

TEXT:
McLeod, Raymond Jr. and Schell, George, Management Information Systems, 8th Edition, Prentice Hall, Upper Saddle River, NJ, 2001. www.prenhall.com/mcleod

OFFICE HOURS:
Mon., Wed., Fri. 1:00 PM. and by request in Kieffer, 24. Phone 739-4602. steelq@chaminade.edu

Chapter Assignments

Visit: www.prenhall.com/mcleod sites and review the chapter information. Answer the questions and problems assigned by the professor for each chapter. Each answer should be a paragraph of two. Turn them in by hard copy or email after the class discussion of the chapter.

Exercises	
Chap. 1	Quest. 6, 10, Prob. 1
Chap. 2	Quest. 5, 17, Prob. 2
Chap. 3	Quest. 1, 14 , Prob. 3
Chap. 4	Quest. 4, 10
Chap. 5	Quest. 1, 14, Topic 2
Chap. 6	Quest 4 & Pos/Neg Feedback, 18, Prob 2
First Project due September 21, 2002; two pages **maximum**.	
Chap. 7	Quest. 7,14, 22
Midterm	
Chap. 8	How does a CPU work? Discuss I/O.
Chap. 9	Quest. 4, 9, 12,14
Chap. 10	Quest. 9, Topic 1
Chap. 11	Quest. 2, 5, Topic 2
Appendix A	Prob 1,2,3 for **your** project.
Appendix B	Prepare Figure 0 and Data Flow for your project
Midterm	
Appendix C, D (Chap. 11)	1-2 Pages – What does each functional area get from and give to the MIS?
Appendix E	2
Chapt. 17	Quest. 6, 10
Chapt. 18	Topic 1, 2
Chap. 12	4, 7, 19
Chap. 13	Quest. 6, 20, 23
Chap. 14	Topic 1
Chap. 15	Quest. 12, 13
Chapt. 16	Quest. 5, 19
Team Project Team due December, 2002	Prepare: Enterprise Analysis, Logical View, Data Flow Diagrams , CSF, Physical View, Data Dictionary, Testing Plan, Conversion Plan, Maintenance Plan, Database, --- Class Presentation of Project
Final	

Project Topics

Prepare a two-page paper on one of the following topics. Start with a half page summary of the text then research the net to find current material on the topic. Copies of your paper will be given to the other students in the class and will be used for exam questions.

New Software
eCommerce
Microchips
Databases
Computer Communications
Programming Languages
Data Storage Systems
Expert Systems
B2B & B2C
GDSS
Wireless Connectivity

CIO / CTO
Purchasing a Computer System
Piracy
Critical Success Factors for IT
DSS
Neural Networks
System Security
Printers, Scanners, FAX etc.
PDA
Laws and Computer Ethics
Next generation Mainfames

Other Approved Topics.

LAST UPDATE: August 21, 2002

OUTLINE:

Information Resources	Computer Skills
Management Concepts	Internet
Data, Information, Knowledge	e-mail
Trends – Global, Technology, Organization	
Management/Information Pyramid	
Management Functions & Skills	
Organizations	
Value Chain	
Management of Information	
eCommerce	
IT Ethics	
Systems	
Life Cycle	
Information Technology	
Hardware- Input, Output, Processing	Trouble-shooting
Software – Systems, Applications, Binary	Programming
Communications & Internet	
Data Management	Database
System Development	
Project Plan	
Enterprise Analysis, CSF	
Logical View / Physical View	
Data Flow Diagrams/ Data Dictionary / Database	
Implementation Plan	
Maintenance Plan	