

Syllabus for BU 307
Management Information Systems

Dr. Steelquist
Spring '000

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, communications and current trends are discussed. Students should have a basic understanding of how to use a computer and the functions and practices of management before taking this course.

Computer knowledge is rapidly changing, so we will be using internet exercises to keep up with 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 current journals and magazines. Third the student will **complete** projects including computer implementation.

Each student will prepare two projects. The first one will be an individual project and the second one will be a group project. A written proposal will be turned in to the instructor before starting the project. Topics will be selected by the student, approved by the instructor, and presented to the class.

OUTLINE:

Information Concepts (1,2)
Managing Information (3,4)
MIDTERM #1
Information Technology (5,6,7,8,9)
MIDTERM #2
System Development (10,11,12,13)
Implementation and Support Systems (14,15)

GRADING:

Examinations (Midterms & Final)	40%
Exercises and Quizzes (News)	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.

TEXT:

Lauden Kenneth C. and Laudon Jane P., Essentials of Information Systems, 3rd Edition, Prentice Hall, London. 1999. www.prenhall.com/laudon

OFFICE HOURS:

Mon., Wed., Fri. 11-00 A.M. and by request in Kieffer, FF, Phone 739-4602.

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edh

LAST UPDATE: Feb 14, 2000

OUTLINE:

Information Resources

Management Concepts

Data, Information, Knowledge, Process
Trends - Global, Management, Technology
Management/Information Pyramid
Strategic Information Role
Quality
Organizations
Information and Organizations
Management
IT Ethics

Information Technology

Hardware- Input, Output, Processing
Software - Systems, Applications, Binary
Communications & Internet
Data Management

System Development

Enterprise Analysis

Logical View
CSF
Physical View
Data Dictionary
Database
Testing Plan

Conversion Plan

Maintenance Plan

Computer Skills

Internet
e-mail

Database

Programming
Trouble-shooting

Chapter Assignments

<http://www.prenhall.com/laudon.html>

Visit: www.prenhall.com/laudon sites and review the Interactive Study Guide. Visit the internet connections. Prepare a short paragraph and attach appropriate downloads for the assigned Electronic Commerce Projects and end of Chapter Review Questions and End of Chapter Cases. Check for **Technology Updates**

Exercises

- Chap. 1 On-Line =E*Trade, Review #8, Case #4
 Chap. 2 On-Line=WSJ, On-Line=Priceline, Review #1, #8. Case #1
 Chap. 3 Review #6, #11, Case #3,
 Chap. 4 On-Line =privacyrights.org , Review # 1, #8. Case # I
 Midterm
 Chap. 5 On-Line=Sun/ On-Line=Compaq, Review #5,6, On-Line=Hardware for Virtual Reality?
 Chap. 6 On-Line=MICROSOFT / On-Line=Anti-MICROSOFT, Review #4, #14, Case #5
 First Project due Feb 12, 2000 two pages maximum
 Chap. 8 Review #5, # 16, Case #5
 Chap. 9 On-Line =TravelWeb, Review #7.#15, Case #1
 Chap. 7 Review #7,#9, # 15, Case # 1,5
 Midterm
 Chap. 10 Team Prepare: Enterprise Analysis, Logical View, Logical Application Matrix,
 Chap. 11 CSF, Physical View, Data Dictionary, Testing Plan, Conversion Plan, Maintenance Plan Database, Class Presentation of Project
 Chap. 12 Review #1(On-Line=Include Web Search), #8
 Chap. 13 Review #4, #15
 Chap. 14* Review #5, #12
 Chap. 15' Review #2, #12 * If time permits.
 Team Project due April 28, 2000
 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 Review Tim
 eCommerce Aisa
 Microchips Kaweo
 Databases Jennifer
 Computer Communications Ann
 Programming Languages Futa
 Data Storage Systems Mabelline
 Expert Systems Patrick
 Business to Business Brian

CIO Christine
 Purchasing a Computer System Tony
 Piracy Horst
 Critical Success Factors far IT Rebecca
 DSS Sean
 Neural Networks Chris
 System Security Kimberly
 Printers, Scanners, FAX etc. Kevin
 Other Approved Topics.