

Chaminade University of Honolulu  
BU 203 Course Syllabus

Course Title: **Management Information Systems**  
Term: Fall Evening; **October 5<sup>th</sup>** - December 17<sup>th</sup>  
Place: Barbers Point  
Day & Time: Saturday, 0800-1210  
Instructor: James Moses  
Office Hours: By Appointment  
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**COURSE DESCRIPTION:**

The objective is to gain practical **experience** and an understanding of how computers and information technology are used today. Topics covered include theory and practice in information systems; systems analysis; data communications; decision support systems; planning and implementing **information** systems; and future trends.

**COURSE OBJECTIVE:**

- To understand the importance of information systems in light of current global competitive pressures.
- ⇒ To understand how information systems are **constructed**, used, managed and maintained.
- To understand the use of information systems from a managerial perspective and also as an end-user.
- ⇒ **Learn** about the many ways information systems can be used to support the day-to-day operations of a company, with a strong emphasis on the **use** of IT in decision making.

TEXT: Information **Technology** for **Management** - Improving Quality & Productivity, 1<sup>st</sup> edition, Turban, **McLean**, Wetherbe, Prentice Hall, 1996. All reading assignments will be taken from this textbook.

**Case Study/Internet Exercise (<http://www.wiley.com/college/turban/toc.html>):**

Prepare a short **paper** on the assigned cases and Internet exercises. Case study/Internet exercises should be **submitted** each week at the beginning of class. The paper should answer the questions presented in the textbook. When answering the questions, make sure that you add value by using external research. Papers should be typed. The cover page should state your name, the date, and the question answered. **Papers submitted** after the due date will incur in a point deduction.

**Grading**

All tests, papers and case write up will be graded on a **100 point scale**.

90% >	=	A
80% - 89%		B
<b>70% - 79%</b>		C
60% - 69%		D
Below 60%		F

## Schedule and **Assignments**

Oct 10 - **Chapter** 1, Information Systems: Concepts, Trends, **and** Issues.

**Assignment:** Minicase 2 - Who needs **an** Information System? - P-29 (Due Oct 17)

Oct. 17 - Chapter 2, **Information** Technologies: Concepts and Architecture.

Chapter 3, Strategic Information Systems **and** Information Technology for Business Reengineering.

Assignment: Minicase 1 - **Information** Technology Helps Atlantic Electric **Company** to Survive, P-67

OR Minicase 2 - Atlantic & Pacific Tea **Company** Competes Using Information Technology, P-98 (Due **Oct. 2**)

**Oct. 24** - Chapter 5, Processing the Information: Computer Hardware.

Chapter 6, Electronic Commerce (Hand out).

Assignment: Minicase 2 - Technology Enables Change at Fannie Mae, P-187 OR

Minicase 1 - Fruit of the Loom's Electronic Commerce with its **Distributors**, **P-65** (Due Oct. 31)

Oct. 31 - Chapter 7, User Interface: Enabling Human-Computer Communication.

Chapter 8, Data and Data Management.

Assignment: Minicase 1 - An Electronic Job Search System in Illinois, P-263 OR

Minicase 2 - Prospecting the Modern Way, P-293 (Due Nov. 7)

Nov. 7 - Chapter 9, Data Communication and Network Architecture.

**Chapter 10, The Corporate Information** Architecture.

Assignment: Minicase 2 - Should the Hotel Chain go Open System, P-331 OR

Minicase 1 - Cruising with Distributed Computing, P-364 (Due Nov. 14)

Nov. 14 - Chapter 11, **Information** Systems Planning.

Chapter 12, Information Systems Analysis.

Assignment: Minicase 1- Denver Airport When IT Plans Fail, P-404 OR

Minicase 1 - Reengineering the Utility Industry (Due Nov. 21)

Nov. 21 - Chapter 13, Information Systems Design, Development, Implementation, and Evaluation.

Assignment: Minicase 1- Liquor-Dispensing **Point-of-Sale Terminals**, P-473 (Due Nov. 28)

Nov. 28 - Chapter 14, Supporting Communication and Collaborative Work

Chapter 15, Supporting the Manager and Decision **Making**.

Assignment: Minicase 1- NABISCO Tracks Attendance Using Voice Technology, P-525

OR Minicase 2 - A decision Support System-or is IT?, P-567 (Due Dec. 5)

Dec. 5 - Chapter 16, Intelligent Support Systems.

Chapter 17, From **Transaction** Processing to Innovative Functional Systems.

Assignment: Minicase 2 - Can an Expert System Enhance the Image of a Bank?, P-613

Minicase 1 - Federal Express's Organizational Effectiveness System, P-661 (Due Dec. 12)

Dec 12 - Chapter 19, Control and Security of **Information Systems**.

Assignment: Minicase I - Hacker Convicted, P-732

Internet Exercises: <http://www.wiley.com/college/turban/toc.html>

Visit the Websites and read the Update, **highlighted** references and the IT@Work sites. Prepare a short paragraph (1 page in length) and **attach** appropriate downloads for the assigned chapter exercises. Please write your name, Chapter #, question # and date submitted

Assignment due on 10/17/98

**Chapter 1**

L Enter the Web site of UPS.

- a) Find out what information is available to customers before they send a package.
- b) Find information about the "package tracking" system.

Assignment due on 10/24/98

**Chapter 2**

3. Write a short report about ordering pizzas via the Internet. (Check the Web sites of Domino's Pizza and Pizza Hut.)

**Chapter 3**

1. Fruit of the Loom Inc. helps their wholesalers create Web sites. Compare this approach to what American Hospital **Supply** did with **hospitals**. Comment on the similarities in strategies. Use the Internet to collect information on both cases. OR
3. Enter Caterpillar's Web site. Identify the services and activities that are intended for the dealers and those that are aimed at the users of the company's products.

Assignment due on 10/31/98

**Chapter S**

1. Enter the Web site of Silicon Graphics. Find out what they are doing with their Cray Supercomputer. Why, in your opinion, has a multimedia company acquired a Cray? OR
2. Enter Intel's Web site. Investigate their most recent and upcoming products.

**Chapter 6**

Answer question 9 or 10 from hand-out (Page 64).

Assignment due on 11/07/98

**Chapter 7**

1. Enter the Web site of United Services Automobile **Association**.
  - a. Review the services and information provided to customers.
  - b. Relate these to the imaging system of Section 7.1.

**Chapter 8**

3. Surf the Internet to **find information** on intelligent agents and their role in database access, data summarization, etc.
  - a. Identify some vendors.

Assignment due on 11/14/98

#### Chapter 9

1. Enter VeriFone's Web site. Find their products for the **Internet**. E-mail some queries regarding their products.
3. Surf the Internet to find new applications for GPS (try Motorola's Web site). How can the combination of GPS and Internet be helpful to electronic commerce?

#### Chapter 10

4. **Outsourcing** of IT is a major corporate strategy that has been the subject of debate. Surf the Internet to find material about the advantages and disadvantages of Internet outsourcing. Visit the sites of some **major** outsource companies such as EDS and IBM.

Assignment due on 11/21/98

#### Chapter 11

1. **Visit** IBM's Web site and find information about BSP. Find if there is a related newsgroup or EBB group.

#### Chapter 12

1. Surf the **Internet** and find material on the topic of how to prepare a feasibility study for electronic commerce applications.

Assignment due on 11/28/98

#### Chapter 13

1. **Rapid** Prototyping is becoming popular as a method for system development. Surf the Internet and **find** material on the topic, including real world case studies.

Assignment due on 12/05/98

#### Chapter 14

6. Surf the **Internet** to find recent material on the Intranet - Internet - Lotus Notes connection. **After** reviewing the material, write a short report about the future of Lotus Notes.

#### Chapter 15

1. Surf the Internet to find material on how the **Internet/Intranet** can facilitate the use of DSS.

Assignment due on 12/12/98

#### Chapter 16

6. Identify some business applications of **fuzzy** logic by **surfing** the Internet. Join a newsgroup and identify managerial issues. Find some major vendors and download demo **software**.

#### Chapter 17

7. Many companies offer training via the **Internet**. This includes offering college degrees as well as in-company training (see the June 1996 issue of the **Communication** of the ACM).
  - a) Find information about **organizations** that use in-house Intranet-based training.