

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
College of Industrial Management
Department of Accounting and Management Information Systems
Dhahran, Saudi Arabia

COURSE SYLLABUS
MIS 510: Information Resources Management
Second Semester 2007-2008 (072)

Instructor

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Office Hours: S.M. 7:00pm – 8:00pm and by appointment.

Class Time: S.M. 8:00pm – 9:15pm Location: 24/116

Course Description:

Development of framework for planning the introduction, evolution, and assimilation of information technology (computer, telecommunication, office automation) into the organization. The specific role of top management in designing a long-range information architecture is stressed.

Prerequisite: MIS 502 or equivalent

Course Objectives:

- To appreciate the potentials of IT and the challenges facing modern business organization in developing and using IT in business processes
- To understand how organizations organize for IT and manage IT resources
- To provide exposure to local businesses and their MIS organizations
- To recognize the global nature of IT management

Textbook:

Primary Textbook:

Corporate Information Strategy and Management (2007), Applegate, Austin, and McFarlan, 7th Edition, McGraw-Hill.

Secondary Textbook (Handouts):

Information Systems Management in Practice (2006), McNurlin, B.C and Sprague, R.H (2006), 7th Edition, Prentice-Hall, Inc. Upper Saddle River, NJ 07458, USA.

Course Policy:

The course will be conducted primarily in a seminar format, and will include a variety of learning designs: lectures, student presentations, and discussions.

Realizing the full potential of this course depends heavily on the effort of students. You are expected to be an active living member of the class. Your class participation score will be based on effort and effectiveness of your discussions and answering class questions. All reading assignments (chapters and case studies) are to be read prior to class on the day they are assigned.

The University attendance and examination policies will be strictly followed. Students are expected to attend all classes on time. Any student who misses 6 meetings with no KFUPM official excuse will receive a "DN" grade in the course. However, for more than 2 unexcused absences your attendance score will be reduced by 1% per absence from the 10% allocated to the Case Study Discussion assessment item shown below in the Assessment table.

Assessment:

Item	%
Term Paper Research Project	25
Mid-Term Exam	25
Case Study Analysis Summary	10
Case Study presentation and Discussions	5
Online Discussion Topics	10
Final Exam	25
Total	100

The letter grade distribution will be as follow:

A+	95 – 100	A	90 – 94		
B+	85 – 89	B	80 – 84		
C+	75 – 79	C	70 – 74		
D+	65 – 69	D	60 – 64	F	Below 60

Course Plan:

Week #	Date	Topic	Reading Assignments
1	Feb 16	An Overview of the course Introduction: Challenges of Managing in a Networked World	
2	Feb 23	Chapter 1: IT & Strategy	Case: Li & Fung, Internet Issues Presentation and Summary Group #1
3	March 1 st	Strategic Use of IT, chapter 3 <i>Handouts from the secondary textbook</i>	Case 1-1: Charles Schwab in 2002 Discussion Topic One Due Presentation Group #2
4	March 8	IS Planning Approaches, chapter 4, <i>Handouts from the secondary textbook</i> Proposal – Due: (March 8, 2008)	Case 1-2: Learning from LeapFrog Presentation and Summary Group #3
5	March 15	Chapter 2: IT & Organization	Case 1-3: Wyndham International: Fostering High- Touch with High Tech Presentation Group #4 Discussion Topic Two Due
6	March 22	Chapter 3: Extending the Enterprise	Management In Practice 7E MidWestVaco Case Study,

			Information Systems Presentation Group #5
7	March 29	Chapter 6: Assuring Reliable and Secure IT Services	Case 1-4: Global Healthcare Exchange Presentation and Summary Group #6
8	April 5	Chapter 6: Assuring Reliable and Secure IT Services	Case 2.1: Care-Group Presentation and Summary Group #7 Discussion Topic Three Due
9	April 12	Mid-term Break	Discussion Topic Four Due
10	April 19 6:30-8:30 pm, Room 24-120 &121	Chapter 7: Managing Diverse Infrastructure Mid-term Exam on the Introduction Chapter, Module 1 Chapters 1-3, and chapter 3 and 4 from the McNurlin & Sprague	Case 2.2: The iPremier Company: Denial of Service Attack (A) Presentation Group #8
11	April 26	Chapter 8: Organizing and Leading the IT Function Progress Report: Due - April 26, 2008	Case 2-3: Ford Motor Company: Supply Chain Strategy Presentation and Summary Group #9 Discussion Topic Three Due
12	May 3 rd	Chapter 9: Managing IT Sourcing	Case 2-4: The Power of Virtual Integration Presentation Group #10
13	May 10	Chapter 10: A Portfolio Approach to Managing IT Projects	Case 3-1: Cathay Pacific: Doing More with Less Presentation Group #11 Case 3-5: Outsourcing IT: The Global Landscape in 2004 Presentation Group #12 Discussion Topic Three Due
14	May 17	Conclusion Chapter: The Challenges of Managing in a Network Economy Final Report – Due: (May 17, 2008)	Case: C-1 UCB: Managing Information for Globalization and Innovation Presentation Group #13
15	May 24	Term Paper Project Presentations	
16	June 1 st	Term Paper Project Presentations	

Case Study Summary & Discussion:

During the semester, each student should do case study summary and analysis for five case studies. The list of five case studies will be selected by the instructor. The case study summary should include two-pages (around 1000 words, excluding title page) including company background, main points of the case, limitations, recommendations, and lessons learned.

Case Study Summary and Presentation:

Every student is required to present one case study during the course starting from the second week. The case study presentation and discussion will be given by groups of two students. Each group will collectively present one case study assigned for the week. The course instructor will prepare a schedule of the groups of students and their case study presentations.

Online Discussion Topics:

You will be participating in five online discussion questions/topics. One online discussion question will be delivered at least one week before due date on the discussion board in the WebCT system and you will be requested to give a short paragraph representing your view of the discussed topic and debate the viewpoint of one student only.

Term Paper Research Project:

The objective of the term paper is to provide students the opportunity to do independent research in an area directly related to the subject matter of MIS 510, to generate high quality written report on the results of the research, and to present/defend your findings to the class or similar forum like a conference or a symposium. It is very important that the research topic discusses a case or a problem related to IT application in your organization or in other Saudi organizations. You will get full mark if your paper is accepted for publication in a refereed journal.

Deliverables:

Proposal – Due: (March 8, 2008)

1. Topic Description
2. Research Objectives
3. Weekly Work Plan from Mar 8 – June 1st, 2008
4. Initial list of resources cited

The proposal must be submitted in hard copy and soft copy by email.

Progress Report: Due - April 26, 2008

1. Each student must provide five research article/paper analysis summaries along with the original articles/papers. Specifically speaking, the articles/papers must be research study papers reporting on research done based on a research method and data analysis generating findings, not short articles from the Internet. Read the term paper guidelines for writing a paper analysis summary in the WebCT.
2. The progress report and five papers summaries must be submitted in hard copy and soft copy. However, the five original papers can be submitted in softcopy by email only.

Final Report – Due: (May 17, 2008)

1. Abstract of paper
2. Final paper includes:
 - Introduction
 - Research Objectives
 - Literature Review
 - Methodology
 - Analysis and Results
 - Limitations
 - Conclusions
 - Recommendations
 - References

The final report must be submitted in hard copy and soft copy.

Term Paper Project Presentation – Due: (May 24 – Jun 3rd, 2008)

1. Copy of the presentation slides
2. Oral presentation

Suggested Topics:

1. IS planning
2. IT technical and managerial skills
3. Ethical issues relating to IT use
4. IT security issues
5. The impact of IT investment on the organization success
6. Aligning business plan with IT plan
7. Success factors for e-Business implementation
8. Measuring IT quality in business organizations
9. Customer attitude toward eCommerce
10. Pathological use of the Internet
11. Planning for ERP systems implementation
12. Cost-effectiveness of IT solutions
13. Factors affecting technology acceptance in business organizations
14. Managing IT outsourcing
15. Document management
16. Knowledge management

Should you desire to propose an alternate topic, you must discuss it with me to gain approval.

MIS Resources you may refer to:

Journals

1. ACM Digital Library
2. Annals of Cases on Information Technology
3. Computer Review
4. Computers and Education
5. Computers and Security
6. Data and Knowledge Engineering
7. Data Communications
8. European Journal of Information Systems
9. Group Decision and Negotiation
10. IBM Systems Journal
11. Industrial Management and Data Systems
12. Information and management
13. Information Resources Management Journal
14. Information Systems Research
15. International Journal of Information Management
16. International Journal of Network Management
17. Journal of Computer and System Sciences
18. Journal of Computer Information Systems
19. Journal of Database Management
20. Journal of Organizational and End User Computing
21. Journal of Global Information Management
22. Journal of Management Information Systems
23. Journal of Systems and Software

24. MIS Quarterly

Magazines:

1. PCweek On –Line: <http://www.eweek.com>
2. CIO Insight <http://www.cioinsight.com>
3. Wired Magazine : <http://www.wired.com/wired /current.html>
4. UpSide Magazine : <http://www.upside.com/>
5. ComputerWorld : <http://www.computerworld.com/index.html>
6. PC Magazine : <http://www8.zdnet.com/pcmag/>
7. PC Computing : <http://www4.zdnet.com/pccomp/>
8. CIO Magazine : <http://www.cio.com/>
9. Info World : <http://www.infoworld.com/>
10. Windows Sources: <http://www4zdnet.com/wsources/>
11. Byte: <http://www.byte.com/>
12. Business Week: <http://www.businessweek.com/>
13. information Week: <http://techweb.cmp/iw/680/>