

INFORMATION SYSTEMS MANAGEMENT

FALL 2007

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Kent State University—College of Business

Course Description

Systems management refers to enterprise-wide administration of distributed computer systems. Systems management is strongly influenced by network management initiatives in telecommunications. System management may involve one or more of the following tasks:

- Hardware inventories
- Server availability monitoring and metrics
- Software inventory and installation
- Anti-virus and anti-malware management

These tasks are categorized in the following manner:

- User's activities monitoring
- Capacity monitoring
- Security management
- Storage management
- Network capacity and utilization monitoring



Time management is perhaps the most important skill needed for successful completion of the course.

Class MIS 44042-001

Call # 14166

Location - BSA 213

Duration - T, TH

3:45PM - 5:00PM

Email - ama-
jayi@kent.edu

Phone - (330) 672-1151

Office hours -

M 4:00—6:00 pm

T 1:00—2:00pm

TH 1:00—2:00pm

Other times by appointment

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Required Text

Management Information Systems & Multimedia Student CD Package, 10/E



Jane P. Laudon
Kenneth C. Laudon

Publisher: Prentice Hall
Copyright: 2007
Format: Kit/Package/Shrink Wrap; 736 pp

ISBN-10: 0132337746
ISBN-13: 9780132337748

Course Goals

- To provide the participant with a comprehensive overview of current trends in information technology and applications.
- Enhanced business communications skills through written assignments and other course elements.
- To provide the participant with a template for analyzing IT requirements within an organization.
- Basic needs assessments techniques.
- Exposure to current trends in the use of IT (information Technology) in e-Commerce.



Enrollment and Registration

Students have responsibility to ensure that they are properly enrolled in classes. You are advised to review your official course schedule during the first two weeks of the semester (session) to ensure that you are properly enrolled in this class and section. Should you find an error in your class schedule you must correct it immediately with your advising office. If registration errors are not corrected by the date specified by the Office of the Registrar for this session and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you will not receive a grade at the conclusion of this semester for any class in which you are not properly enrolled.

Students with Disabilities

In accordance with University policy, if you have a documented disability and require accommodations to obtain equal access in this course, please contact the instructor at the beginning of the semester (session) or when given an assignment for which an accommodation is required. Students with disabilities must verify their eligibility through the Office of Student Accessibility Services (SAS) in the Michael Schwartz Service Center (330) 672-3391. Hours of operation:

Monday, Thursday and Friday 8:00 a.m. - 5:00 p.m.

Tuesday & Wednesday 8:00 a.m. - 7:00 p.m. (during the academic year only)

Course Schedule

Week 1	Week 7
Chapter 1: Information Systems in Global Business Today Chapter 2: Global E-Business: How Businesses Use Information Systems	Chapter 8: Securing Information Systems
Week 2	Week 8
Chapter 3: Information Systems, Organizations, and Strategy	Chapter 9: Achieving Operational Excellence and Customer Intimacy: Enterprise Applications
Week 3	Week 9
Chapter 4: Ethical and Social Issues in Information Systems	Chapter 10: E-Commerce: Digital Markets, Digital Goods
Week 4	Week 10
Chapter 5: IT Infrastructure and Emerging Technologies	Chapter 11: Managing Knowledge
Week 5	Week 11
Chapter 6: Foundations of Business Intelligence: Databases and Information Management	Chapter 12: Enhancing Decision Making
Week 6	Week 12
Chapter 7: Telecommunications, the Internet and Wireless Technology	Chapter 13: Building Information Systems
	Week 12
	Chapter 14: Project Management: Establishing the Business Value of Systems and Managing Change
	Week 13
	Chapter 15: Managing Global Systems

Important Dates:

Exam 1	Chapters 1 - 5	9/20/07
Exam 2	Chapters 6 - 12	10/11/07
Exam 3	Chapters 13 - 18	11/01/07
Exam 4	Chapters 19 - 24	11/29/07
Paper Due		11/15/07

Useful Links and Resources

[FCAPS](#)

[Information Technology Infrastructure Li-
brary](#)

[List of Network Management Systems](#)

[Network administrator](#)

[Network monitoring](#)

[Network performance management](#)

[Network traffic measurement](#)

[Out-of-band management](#)

[Systems management](#)

[Website monitoring](#)

[Network Management \(1\) at the Open Directory
Project](#)

[Network Management \(2\) at the Open Directory
Project](#)

[NMSWiki - Network Management Wiki](#)

[Committee on Network Operation and Manage-
ment](#)

[Networks and Management Laboratory](#)

[Open Management Consortium](#)

[Cisco Network Management page](#)



About the Paper

A ten (10) page paper will be required as part of this course. The 10 pages are counted from introduction to conclusions.

Students are responsible for topic selection.

Required Elements:

- Headings, titles, etc.
- Introduction and conclusion
- Page numbers
- MLA or other standard citations
- Table of contents

- List of acronyms
- Bibliography
- List of figures

Please note that you must demonstrate your topic choice within the context of current business applications or environments.

The following metrics will be used to determine your grade for this element:

- | | |
|---------------------------------------|-----|
| • Technical depth and accuracy | 20% |
| • Written communications | 20% |
| • Organization and flow | 20% |
| • Integration of theory and practices | 20% |
| • Execution | 20% |

Exams

Four exams and a final are required as part of this course. These elements are designed to test the student's mastery of lectures, readings and theory related to the disciplines of communications and networking. The following question formats will be used on exams:

- Fill-in or short answer
- Matching
- Multiple choice
- Acronyms

Please note that the instructor will return each exam no later than 1 week from its scheduled date. The instructor will not answer any questions during the exam. No make-ups or rescheduling of the exams is permitted. A grade of 0 will be given if an exam is missed. There will be no

From the Instructor

Data communications and networking is a difficult subject to master in a single semester or session. Reading assigned materials prior to lectures will help increase your mastery of associated theory and practices.

Here are a few of my favorite places to help you with this material.

www.techguide.com

www.what-is.com

Evaluation Criteria

Exam 1	10%	Please note:
Exam 2	10%	Each student is asked to assess whether their personal and professional obligations will allow them to meet the stated requirements of the course.
Exam 3	10%	
Exam 4	10%	The professor reserves the right to alter class assignments and elements as deemed necessary. All assignments are due on the schedule date at the start of class; no email submissions accepted. There are no extensions or makeUps for assignments or exams. A grade of (0) zero will be posted for all missed or late assignments.
Paper	25%	
Final	35%	
Total	100%	

Grade Scale

Points	Grade	Meaning of the grade
97-100	A	Clear articulation of concepts, issues and application skills. Possesses high level content knowledge and ability to apply it to the field.
92-96	A-	
87-91	B+	Needs improvement in content knowledge and articulation. Sound knowledge of concepts.
82-86	B	
77-81	B-	Lack of articulation of concepts, content knowledge or ability to apply them to the field.
72-76	C+	
67-71	C	
62-66	C-	
57-61	D+	
52-56	D	No recommendation for student's continuation in the program.
55-BELOW	F	

Staying in Touch



Primary Business Address

Your Address Line 2

Your Address Line 3

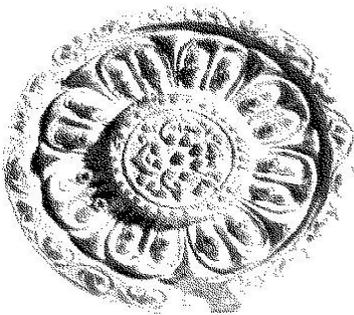
Your Address Line 4

Phone: 555-555-5555

Fax: 555-555-5555

E-mail: someone@example.com

Ethics and Academic Honesty



You are encouraged to work together and help one another learn the material, but all submissions must be your own unique work (or those of your team for team projects). Cheating, plagiarism, copying and other behavior that is contrary to University standards will not be tolerated.

Any students found guilty of such offenses will be given a grade of "F" as a final grade. Additional penalties may be imposed; these will be determined on a case-by-case basis. Any student aiding another student will be considered to be an accessory and will be subject to the same penalties.