Small Systems Technology
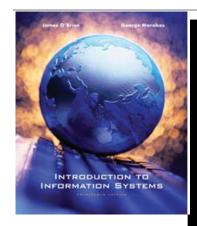
Introduction to Information Systems, 14/e

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McGraw Hill

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MIS 34045-001 PROFESSOR A'ISHA AJAYI

Course Outline

Course Description

Information technology (IT), as defined by the Information Technology Association of America (ITAA), is "the study, design, development, implementation, support or management of computer-based information systems, particularly software applications and computer hardware." In short, IT deals with the use of electronic computers and computer software to convert, store, protect, process, transmit and retrieve information, securely.

Recently it has become popular to broaden the term to explicitly include the field of electronic communication so that people tend to use the abbreviation ICT (Information and Communications Technology). In information systems, an information system consists of three components: human, technology, organization.

In this view, information is defined in terms of the three levels of semiotics. Data which can be automatically processed by the application system corresponds to the syntax-level. In the context of an individual who interprets the data they become information, which correspond to the semantic-level. Information becomes knowledge when an individual knows (understands) and evaluates the information (e.g., for a specific task). This corresponds to the pragmatic-level.

This course is dedicated to the exploration of small systems and their role and importance in modern enterprise. Technology, theory and practice will be the lenses through which this exploration is viewed. Student participation is a vital component of the course.

Staying in Touch

Class MIS 34045-001

Call # 10280

Location - BSA 206

Duration - M. W

2:15PM - 3:30PM

Email - amajayi@kent.edu

Phone - (330) 672-1151

Office hours -

M & W 4:00—6:00 pm

T   1:00—2:00pm

Other times by appointment

Course Goals

- To provide the participant with a comprehensive overview of current trends in information technology and applications.
- To provide the student with an overview of the role small systems play in shaping modern enterprise
- The use of small systems as a strategic organizational asset.
- A comprehensive overview of small systems technologies 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.
- To have fun!

Registration

Students have responsibility to en- classes. You are advised to review first two weeks of the semester erly enrolled in this class and sec- class schedule you must correct it If registration errors are not cor- Office of the Registrar for this ses- participate in classes for which you vised now that you will not receive mester for any class in which you

sure that they are properly enrolled in your official course schedule during the (session) to ensure that you are prop- tion. Should you find an error in your immediately with your advising office. rected by the date specified by the sion and you continue to attend and are not officially enrolled, you are ad- a grade at the conclusion of this se- are not properly enrolled.

Special Needs

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	Lecture Topic	Assignment
1	Foundations of information Systems in Business	Course Introduction
2	Competing with Information Technology	LECTURE
3	Computer Hardware	LECTURE
4	Computer Software	LECTURE
5	Data Resource Management	LECTURE
6	Telecommunications and Networks	LECTURE
7	Electronic Business and Commerce Systems	LECTURE
8	Decision Support Systems Developing Solutions	Lecture
9	Security and Ethics Enterprise and Global	LECTURE
10	Exam 3 - Orlando	LECTURE
11	Papers Due	LECTURE
12	Presentations 1-6	LECTURE
13	Presentations 7-11	
14	Break	
15	Presentations 12-19	

Important Dates

Exam 1	Chs. 1-4	9/24/08
Exam 2	Chs. 5-8	10/15/08
Exam 3	Chs. 9-12	10/29/08
Presentation		Weeks 13-15
Papers Due		11/5/08
Final Exam		See university schedule

Individual Presentations

Each student will randomly draw a small systems topic. This topic will be presented by the student during the week outlined in the course schedule. The guidelines for the completion of this element will be distributed during the second week of classes. The duration of each presentation will be based on the final class size

The following criteria will be used to evaluate the project:

Integration of theory and concepts	20%
Organization and flow	20%
Written communications	20%
Analysis	20%
Execution	20%

Evaluation Criteria

Exams   25%
Presentation 25%
Paper   25%
Final   25%
Total   100%

Please note:

The instructor will not discuss grades prior to returning assignments, via email or phone.

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-	
72-76	C+	Lack of articulation of concepts, content knowledge or ability to apply them to the field.
67-71	C	
62-66	C-	
57-61	D+	
52-56	D	
55-BELOW	F	No recommendation for student's continuation in the program.

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

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

A take home midterm and final exam will be administered as part of the course. Each exam will be distributed to the class one week prior to the scheduled due date. All exams must be turned in at the start of class on the scheduled day. Exams submitted by email or other than specified will not be accepted. Please note there are no extensions or late exams accepted. A grade of zero (0) will be posted for late exams and other assignments.

The content of the exams will cover all lectures and student presentations made up to the week prior to the exams due date. Students are to use APA format for all elements of exams and other written assignments.

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We're on the Web at

*Your Professor
A'isha Ajayi.*

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.