

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 # 14146

Location - MLH 224

Duration - M. W

2:15PM - 3:30PM

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



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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 enroll in classes. You are advised to review the first two weeks of the semester early enrolled in this class and second-class schedule you must correct it. 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 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



sure that they are properly enrolled in your official course schedule during the (session) to ensure that you are properly enrolled. Should you find an error in your immediately with your advising office. corrected by the date specified by the session and you continue to attend and are not officially enrolled, you are advised a grade at the conclusion of this session 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	Role of small systems in modern enterprise	Course Introduction
2	IT as a strategic asset	LECTURE
3	IT and competition	LECTURE
4	LAN	LECTURE AND PRESENTATION
5	Email	LECTURE AND PRESENTATION
6	Intranet	LECTURE AND PRESENTATION
7	Expert Systems	LECTURE AND PRESENTATION
8	DBMS	LECTURE
9	POS	LECTURE
10	RFID	LECTURE AND PRESENTATION
11	IDS	LECTURE AND PRESENTATION
12	Recognizing opportunities	LECTURE AND PRESENTATION
13	SPECIAL TOPICS	LECTURE AND PRESENTATION
14	PAPERS DUE	LECTURE AND PRESENT
15	Class summary and evaluation	

Important Dates

Midterm	10/08/07
Presentation	See course schedule
Paper Due	11/28/07
Final Exam	12/10 - 16/07

Individual Presentation

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. Each presentation will be 1 hour in duration.

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

Midterm	25%
Presentation	25%
Paper	25%
Final	25%
Total	100%

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.

Please note:

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

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%

Midterm and Final Exam

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.

MIS 34045-001

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*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.