



Course description:

The course provides student with basic understanding of computer information system. It offers traditional coverage of computer concepts and management perspectives. It introduces the information system and their components in details.

Aims of the course:

- This course aims to provide the students with enough knowledge about the different information systems used inside and outside the organizations,
- e-commerce and its role in improving the business
- The different issues that should be taken into consideration to secure the information systems.

Intended Learning Outcomes: (ILOs)

At the end of the course, students are expected to learn:

A. Knowledge and Understanding

A1.Concepts and Theories:

- Learn the various types of information systems
- Understand the importance of information systems

A2.Contemporary Trends:

- Explain why learning about information systems in organizations
- Explain the hierarchy of virtual organizational structure and careers in information systems

A3.Professional Responsibility:

- Describe fundamental principles that can be applied to ensure that security and personal privacy is respected in information systems
- Understand the roles of information systems in society, business, and industry
- Describe the roles of security, privacy, and ethical issues in information systems and the internet

B. Subject-specific skills

B1. Hardware:

- How the technical parts of computer based information systems work?
- What is the main job of input, processing, and output devices?

B2. Software:

- Overview about systems and application software
- Organizing Data and Information

B3. Telecommunications and Networks:

- Take an overview of telecommunications
- Take a basic idea about communications channel characteristics
- Take an idea about the internet, intranets, and extranets

B4. Electronic and Mobile Commerce



Take an idea about internet presence, sales/marketing manager involved with e-commerce, Customer service employees help develop the Web site and human resource or public relations manager may provide Web content for employees and investors
Understanding what meant by e-commerce and m-commerce

C. General and Transferable Skills (other skills relevant to employ ability and personal development)

C1.Communication:

Work and cooperate effectively with other workers.

Course structures:

Week	Credit Hours	ILOs	Topics	Teaching Procedure	Assessment methods
1,2	3	A1	<ul style="list-style-type: none"> - information concepts - data, information, and knowledge - the characteristics of valuable information - the value of information - system concepts 	presentations for introduction to information systems	Lecturing with active participations
3,4	3	A2	<ul style="list-style-type: none"> - information systems in organizations 	presentations for introduction to information systems	lecturing with active participations
5,6	3	A3	<ul style="list-style-type: none"> - the security and personal privacy is respected in information systems - the roles of information systems in society, business, and industry - the roles of security, privacy, and ethical issues in information systems and the internet 	presentations for introduction to information systems	Lecturing with active participations
7	3	B1	Hardware: <ul style="list-style-type: none"> - Input - Processing - Output Devices 	Presentations about hardware main topics	Lecturing with active participations
9,10	3	B2	Software: <ul style="list-style-type: none"> - Systems and Application Software - Organizing Data and Information 	Presentations about Systems and Application Software	Lecturing with active participations
11	3	B3	Telecommunications: <ul style="list-style-type: none"> - overview of telecommunications - communications channel characteristics 	Presentations about Systems and Application Software	Lecturing with active participations
12	3	B3	internet, intranets, and extranets	Presentations about	Lecturing with



				Systems and Application Software	active participations
13,14	3	B3	Electronic and Mobile Commerce: <ul style="list-style-type: none"> - internet presence - sales/marketing manager involved with e-commerce - Customer service employees help develop the Web site - human resource, public relations manger that provide Web content for employees and investors 	Presentations about Systems and Application Software	Lecturing with active participations
15	3	B3	e-commerce and m-commerce	Presentations about Systems and Application Software	Lecturing with active participations
16	3	C1	Final exam		

References:

A. Main Textbook:

Information Systems Today, Managing in the Digital World, 5th edition (paperback), by Joe Valacich and Christophe Schneider, 2012, Pearson Education, Inc. ISBN-10: 0-13-706699-6 | ISBN-13: 978-0-13-706699-5

B. Supplementary Textbook(s):

Assessment Methods:

Methods	Grade	Date
1 st Exam	20	
2 st Exam	20	
Final Exam	50	
Activity file	10	

