

Course Specifications

Course Title:	Fundamental of Information Systems	
Course Code:	241CIS-3	
Program:	Bachelor's degree in information systems	
Department:	Department of Information systems	
College:	College of Computer Science and Information systems	
Institution:	Najran University	







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A. Course Identification

1. Credit hours: 2(2,0,0)		
2. Course type		
a. University College Department $$ Others		
b. Required $$ Elective		
3. Level/year at which this course is offered:		
Level 4/Year 2		
4. Pre-requisites for this course (if any):		
None		
5. Co-requisites for this course (if any):		
None		

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	20	100%
2	Blended		
3	E-learning		
4	Distance learning		
5	Other		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	20
2	Laboratory/Studio	0
3	Tutorial	0
4	Others (specify)	
	Total	20

B. Course Objectives and Learning Outcomes

1. Course Description

This course is designed to introduce students with a foundational understanding of contemporary information systems (IS) and demonstrate how these information systems are used throughout global organizations. The focus of this course will be on the key components of information systems - people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. In addition, it offer type of business information systems, including transaction processing systems, management information systems, decision support systems, group support systems, and enterprise resource planning systems. Distinguish among the Internet, Intranets, and Extranets. Thought the knowledge of how IS provides a competitive advantage. Students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility.

2. Course Main Objective

- Understanding the fundamental concepts of information systems (components, scope, purpose, and value of information systems in organizations).
- Understanding the role of information systems in business function and process
- Learn how to use information systems to gain competitive advantage in business.
- Learn how to use information systems to gain competitive advantage in business.
- Ability to identify and describe activities involved in designing and developing information system.
- Aware of the challenges of information technologies including in security, ethical, and integration of information systems with society.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding:	
1.1	Define the foundation concepts of Information Systems (components, types, scope, purpose and value of information systems) in an organization.	К3
1.2	Describe the role of Information Systems in business function and process.	K3
1.3	Explain how to use information systems to gain competitive advantage in business.	К3
1.4		
1.5		
2	Skills:	
2.1	Assess activities in designing and developing information systems.	S2
2.2	Analyze the challenges of information technologies including in security, ethical, and integration of information systems with society.	S 3
2.3		
2.4		
3	Values:	
3.1	Develop leadership, teamwork, research skills in the implementation of the information systems.	V2, V3
3.2		
3.3		
3		

C. Course Content

No	List of Topics	Contact Hours
1	An Introduction to Information Systems	2
2	Information Systems in Organizations	2
3	and Output Devices ,Processing ,Input :Hardware	2
4	Systems and Applications Software :Software	2
5	Database Systems and Business Intelligence	2
6	Telecommunications and Networks	2
7	and Extranets, Intranets, The Internet	2
8	Electronic and Mobile Commerce	2

9	Enterprise Systems	2
10	Information and Decision Support Systems	2
	Total	60

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge and Understand		
1.1	Define the foundation concepts of Information Systems (components, types, scope, purpose and value of information systems in an organization.	Lecture	Quiz Midterm Examination
1.2	Describe the role of Information Systems in business function and process.	Lecture	Quiz Midterm Examination Final Examination Project
1.3	Explain how to use information systems to gain competitive advantage in business.	Giving students real Case study	Research project
1.4			
1.5			
2.0	Skills		
2.1	Assess activities in designing and developing information systems.	Lecture Real case Project	Midterm Examination Final Examination Project
2.2	Analyze the challenges of information technologies including in security, ethical, and integration of information systems with society.	Giving students real Case study	Midterm Examination Final Examination Project
2.3			
2.4			
3.0	Values		
3.1	Develop leadership, teamwork, research skills in the implementation of the information systems.	Real case Project (Main steps for building project step by step)	Research project
3.2			

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quizzes	9,7,5,3,2	15%
2	Midterm Exam	6	20%
3	Assignments or mini project (presentation)	10,8,4	15%
4	Final Examination	13	50%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

10 weekly office hours + appointments4 weekly academic advising hoursExtra weekly 2 office hours prior to exams.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Joseph S Valacich & Christoph Schneider (2013). Information Systems Today: Managing the Digital World [6 th EDITION]. Prentice Hall	
Essential References Materials	 Ken Laudon and Jane Laudon (2009): Management Information Systems, 11th edition. Prentice Hall. Information Systems for Business by Belanger, France, Craig Van Slyke and Robert E Crossler. 2nd Edition ISBN#: 9781943153015 	
Electronic Materials	N/A	
Other Learning Materials	N/A	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Room Laboratory
Technology Resources (AV, data show, Smart Board, software, etc.)	Data show, PCs.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Online course survey	Students	Indirect
Focus group discussion with small groups of students.	Instructor	Direct
Extent of achievement of course learning outcomes	instructor	Direct
Peer consultation on teaching	Faculty	Direct

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify) Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Department Council
Reference No.	14440729-0182-00018
Date	1444/08/01