



**Jordan University of Science and Technology**  
**Faculty of Computer & Information Technology**  
**Computer Information Systems Department**

CIS231 Introduction To Information Systems

Summer Semester 2019-2020

**Course Catalog**

3 Credit Hours. This course is to present a core of Information Systems principles with which every IS student should be familiar, such as: An introduction to information Systems in organizations. Hardware and Software: systems and application software. Database systems and business intelligence. Telecommunication, the internet, intranets, and extranets .Electronic and mobile commerce and expert systems, and information and decision support systems.

**Text Book**

<b>Title</b>	Information Systems Essentials
<b>Author(s)</b>	Malik Ralph M. Stair , George W. Reynolds
<b>Edition</b>	5th Edition
<b>Short Name</b>	Textbook
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Reference	Information Systems , the foundation of E-Business	Steven Alter	3rd Edition	
Reference	Success in the 21st Century	Uma G. Gupta	3rd Edition	

**Instructor**

<b>Name</b>	<b>Miss Rawan Khasawneh</b>
<b>Office Location</b>	A2 L-3
<b>Office Hours</b>	Sun : 10:00 - 11:00 Mon : 09:00 - 11:00 Tue : 10:00 - 11:00 Wed : 09:00 - 11:00
<b>Email</b>	rtkhasawneh@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun, Mon, Tue, Wed : 11:30 - 13:00 Room: منصة الكترونية

Prerequisites		
Line Number	Course Name	Prerequisite Type
1741510	ClS151 Introduction To Management	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	An Introduction to Information Systems in Organizations.	<b>CH1</b> From <b>Textbook</b>
Weeks 3, 4	Hardware and Software	<b>CH2,CH3</b> From <b>Textbook</b>
Weeks 5, 6	Database Systems And Business Intelligence.	<b>CH4,CH5</b> From <b>Textbook</b>
Weeks 7, 8	Telecommunications, the Internet, Intranets, and Extranets	<b>CH6,CH7</b> From <b>Textbook</b>

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Presents basic concepts necessary to understand systems and business information systems. [1SO1, 1SO2, 1SO6]	25%	
The use of information systems to add value to the organization is strongly influenced by organizational structure, culture, and change. [1SO1, 1SO2, 1SO6]	20%	
Organizing data and information, describes basic concepts that are essential to understanding the key functions in, and impacts of, data storage and database management systems. [1SO1, 1SO2, 1SO6]	10%	
Telecommunications and Networks, describes basic concepts and components of networks used for data communications. [1SO1, 1SO2, 1SO6]	25%	
Identify the basic activities and business objectives common to all transaction processing systems. [1SO1, 1SO2, 1SO6]	20%	

Relationship to Program Student Outcomes (Out of 100%)																
A	B	C	D	E	F	G	H	I	J	K	SO1	SO2	SO3	SO4	SO5	SO6
											33.33	33.33				33.33

Evaluation	
Assessment Tool	Weight

First Exam	30%
Quiz	20%
Final Exam	50%

<b>Policy</b>	
Teaching & Learning Methods	- Class lectures, lecture notes, Quizzes, and Case study are designed to achieve the course objectives. - You should read the assigned chapters before class, participate in class discussions among other things to understand the material. You should ask questions, whether in class or during office hours. - You are responsible for all material covered in class. - If you have any concerns, please communicate them to the instructor in class, in office or by email.
Other Policies and Notes	Exams: - All exams will be close-book. The format for the exams is generally Multiple-choice and short essay questions. - To make sure you pass the exams, you should do the Quizzes. - Grades will not be given out via e-mail Makeup Exams: - Makeup exam should not be given unless there is a valid excuse. - Arrangements to take an exam at a time different than the one scheduled MUST be made prior to the scheduled exam time. Drop Date: - Last day to drop the course is before the twelve (12th) week of the current semester. Cheating : - Cheating or copying from neighbor on exam, quiz, or homework is an illegal and unethical activity. - Standard JUST policy will be applied. - All graded assignments must be your own work (your own words). - Some of the assignments (programming or homework) may be graded orally.
Course Objectives	1 Presents basic concepts necessary to understand systems and business information systems. 2 The use of information systems to add value to the organization is strongly influenced by organizational structure, culture, and change. 3 Hardware and Software component of computer-based information system. 4 Organizing data and information, describes basic concepts that are essential to understanding the key functions in, and impacts of, data storage and database management systems. 5 Telecommunications and Networks, describes basic concepts and components of networks used for data communications. 6 The Internet, Intranets, and Extra-nets, covers the Internet and its use and effects. 7 Introduce the students to E-commerce. 8 Identify the basic activities and business objectives common to all transaction processing systems. 9 Discusses information systems used for decision-making and problem solving in business, including management information systems and decision support systems.

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