



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

CIS351 Management Information Systems

First Semester 2020-2021

Course Catalog

3 Credit Hours. This course introduces students to the utilization of information technology for supporting organizational decision making. the students will learn the difference between data, information, and knowledge. they will build an understanding that management is all about making decisions in solving organizational problems. they also will learn that knowledge is the capacity of solving problems and this capacity requires access to data and information, which is what information systems do. the students will learning the types of management information systems and how each type supports its category of employees or managers. finally, the students will be introduced to the process of developing these management information systems which they will master in another course.

Text Book

Title	Management Information Systems, Managing the Digital Firm
Author(s)	Jane P. Laudon Kenneth C. Laudon
Edition	1st Edition
Short Name	Textbook
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Reference 1	Designing management information systems	Heijden, Johannes Govardus Maria van der	1st Edition	

Instructor

Name	Dr. Rami Al-Gharaibeh
Office Location	ph4, L-1

Office Hours	Sun : 14:30 - 16:00 Mon : 13:00 - 14:30 Tue : 14:30 - 16:00 Wed : 13:00 - 14:30
Email	rami@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun, Tue : 10:00 - 11:30 Room: منصة الكترونية

Prerequisites		
Line Number	Course Name	Prerequisite Type
1742310	Cls231 Introduction To Information Systems	Prerequisite / Study
1742210	Cls221 Fundamentals Of Database Systems	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3	Information Systems in Global Business Today	CH1 From Textbook
Weeks 4, 5, 6	information systems in supporting organizational hierarchy	chapter 2 From Textbook
Weeks 7, 8, 9, 10	enterprise information systems	CH9 From Textbook
Week 11	information systems as solutions to a problems	CH11 From Textbook
Weeks 12, 13, 14	approaches to information systems development	CH12 From Textbook

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Understand information systems and their influence on business today [1SO6]	15%	
Learn about systems integrations: Different systems serve variety of functions [1SO6]	15%	
Learn about the global e-business and how business uses the information systems [1SO6]	15%	
Understand the process of selecting technologies that are necessary to serve the business objectives [1SO6]	15%	
Learn about the complex relationship between the information systems and the organization (its structure, environment, politics, and its culture) [1SO5, 1SO6]	20%	Final exam

Understand the process of identifying and building appropriate organizational applications [1SO5, 1SO6]	20%	Midterm Exam, second assignment, Final exam
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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
															20	80

Evaluation	
Assessment Tool	Weight
Midterm Exam	30%
first assignment	10%
second assignment	10%
Final exam	50%

Policy	
Course Objectives	<p>This course is designed to help students:</p> <ul style="list-style-type: none"> - Understand the information systems and their influence on business today - Learn about integrations between different systems - Learn about the global e-business and how business uses the information systems. - Understand the process of selecting technologies that are necessary to serve the business objectives - Learn about the complex relationship between the information systems and the organization (its structure, environment, politics, and its culture). - Understand methods and techniques that are necessary to secure the information systems
Teaching & Learning Methods	<ul style="list-style-type: none"> - Class lectures, lecture notes and assignments are designed to achieve the course objectives. - Students are expected to read the material as detailed in the text, complete the assignments on time and participate in class. - Course web page is an essential part of the course. - Course project is designed to measure the student understanding of the course
Essential Notes	Exams : All exams will be CLOSE-BOOK. The date of the Exams will be scheduled later.
Additional Notes	<p>Makeups Makeup exam should not be given unless there is a valid excuse. Drop Date: Last day to drop the course is before the 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. Attendance: Attendance is very important for the course. In accordance with university policy, students missing more than 10% of total classes are subject to failure. Penalties may be assessed without regard to the student's performance. Attendance will be recorded at the beginning or end of each class. Workload Average: work-load student should expect to spend is 6 hours/week. Graded Exams: Graded exam papers will be returned within a week.</p>