



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

CIS271 Management Information Systems - JNQF Level: 7

First Semester 2024-2025

Course Catalog

3 Credit Hours. 3 Credit hours (3 h lectures). This course helps you to understand what IT components are available and how you can utilize appropriate IT applications for success. You will learn the terminology used in the field of IT and how IT principles can apply to your businesses. The course stresses the competitive advantage of using IT and the return on investment that you can see. It focuses on the basic principles of Information Technology: hardware and software components, database technology, telecommunications and networking, e-commerce and e-business, Enterprise Resource Planning (ERP), Decision Support Systems (DSS), Artificial Intelligence (AI) and Expert Systems (ES), systems development and implementation. Finally, the students are introduced to the challenges associated with implementing a new information system, and how the risks of implementation failure could be mitigated.

Teaching Method: On Campus

Text Book

Title	Essentials of Management Information Systems
Author(s)	Kenneth C. Laudon and Jane P. Laudon
Edition	12th Edition
Short Name	Essentials of MIS
Other Information	

Instructor

Name	Miss Rawan Khasawneh
Office Location	A2 L-3
Office Hours	Sun : 08:30 - 09:30 Mon : 10:00 - 11:30 Tue : 08:30 - 09:30 Wed : 10:00 - 11:30 Thu : 08:30 - 09:30
Email	rtkhasawneh@just.edu.jo

Class Schedule & Room
Section 2: Lecture Time: Sun, Tue, Thu : 10:30 - 11:30 Room: CIS04-G2L2

Prerequisites		
Line Number	Course Name	Prerequisite Type
1741310	CIs131 Fundamentals Of Information Systems	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Course Introduction and a quick review of management	From Essentials of MIS
Weeks 2, 3	Information Systems in Global Business Today	From Essentials of MIS
Weeks 4, 5	Information Systems, Organizations, and Strategy	From Essentials of MIS
Weeks 6, 7, 8	Achieving Operational Excellence and Customer Intimacy: Enterprise Applications	From Essentials of MIS
Weeks 9, 10, 11	Decision making and knowledge management	From Essentials of MIS
Weeks 12, 13	Building Systems	From Essentials of MIS
Weeks 14, 15	Managing Global Systems	From Essentials of MIS

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Define the basic terms associated with management and information systems; such as efficiency, effectiveness, strategy, business model, decision making, complementary assets, data, and information [1SO6] [1L7K1]	15%	First Exam
Explain the dimensions of implementing a new information system; such as the organizational, technological, managerial, and behavioral [1SO5] [1L7K1]	15%	First Exam, Second Exam
Explain how the Information Technology has created new business opportunities [1SO6] [1L7K1]	10%	Second Exam
Identify the challenges associated with implementing a new information system [1SO6] [1L7K1]	10%	Second Exam

Be able to identify the decision making activities that can be enhanced using IT solution [1SO5] [1L7S1]	15%	Quiz, Final Exam
Explain the different strategies to develop and implement an IT solution [1SO5] [1L7S1]	10%	Case Study
Be able to explain how information systems can help companies go global [1SO6] [1L7S1]	15%	Final Exam
Be able to identify the different strategies to achieve a competitive advantage [1SO5] [1L7S1]	10%	Final Exam

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
															50	50

Relationship to NQF Outcomes (Out of 100%)	
L7K1	L7S1
50	50

Evaluation	
Assessment Tool	Weight
First Exam	25%
Second Exam	25%
Quiz	5%
Case Study	5%
Final Exam	40%

Policy	
General Policy	<p>Excellent attendance is expected. In accordance with university regulations, students missing more than 20% of total classes are subject to failure. No excuses will be accepted. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed. Attendance will be recorded at the beginning or end of each class.</p> <p>All exams will be CLOSE-BOOK. The format for the exams is generally (but NOT always) as follows: problem-solving, multiple-choice, and short essay questions.</p> <p>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. In accordance with university regulations, students should bring a valid excuse authenticated through valid channels in JUST.</p>