

COURSE DESCRIPTIONS

Faculty	Business				
Department	Accounting			NQF level	7
Course Title	Computerized Accounting Information Systems	Code	301461	Prerequisite	
Credit Hours	3	Theory	✓	Practical	
Course Leader	Prof. Ali Alrabei	email	aalrabei@jadara.edu.jo		
Lecturers	Prof. Ali Alrabei	emails	alialrabei975@gmail.com		
Lecture time	13:00-14:30	Classroom	Lab – C3	Attendance	face-to-face education
Semester	Second	Production	2013	Updated	2026
Type of Teaching	<input type="checkbox"/> Face-to-Face <input checked="" type="checkbox"/> Blended <input type="checkbox"/> Online				

Short Description

This course aims to identifying the importance of using Accounting Information Systems: An Overview : Accounting Information Systems, Overview of Transaction Processing and Enterprise Resource Planning Systems, Systems Documentation Techniques, Rational Databases, Fraud, Computer Fraud and Abuse Techniques.

Course Objectives

The objective of this module is to learn students about the following: -

- a- Accounting Information Systems: An Overview
- b- Overview of Transaction Processing and Enterprise Resource Planning Systems.
- c- Rational Databases
- d- Computer Fraud and Abuse Techniques

Course Intended Learning Outcomes (CILOs)

A. Knowledge - Theoretical Understanding
a1. Understand meaning of system, data, information, accounting information systems, Enterprise Resource Systems.(K1)
B. Knowledge - Practical Application
a2. Chart of Accounts, Coding. (K3)
C. Skills - Generic Problem Solving and Analytical Skills
b1. Understand to make Rational Databases from tables. (s1)

D. Skills - Communication, ICT, and Numeracy

b2.

E. Competence: Autonomy, Responsibility, and Context

c1. Students will be able to understand AISs. (c1).

Teaching and Learning Methods**The course will be based on the following teaching and learning activities:**

- **Introduction for lecture and present the objectives before discussion.**
- **Conversation and dialogue**
- **Direct teaching, case study, assignments and team work**
- **Learning by practicing**

Assessment Methods

Students are evaluated based on various assessment methods, and a student will pass this course by gaining at least 50% of the course requirements, and they are categorized as follows:

- **Written exams (70%): Med exam (30%) and Final exam (40%).**
- **Assignments (10%)**
- **Presentation (5%)**
- **Group work activities (5%)**
- **Quizzes (10%).**

You will pass this course by gaining at least 50% of the course requirements.

Students will be examined in theory and its application. Exam questions may consist of multiple choices, short and long problems. All materials covered in the text, handouts, homework, or lectures are required.

No make-up exams. Absences result in grade of zero for that particular exam. Cheating results in immediate **class failure at least!**

Course Contents

Week	Hours	CILOs	Topics	Teaching & Learning Methods	Assessment Methods
1.	3	a1	Accounting Information Systems: An Overview	<p>Introduction for lecture and present the objectives before discussion.</p> <p>Conversation and dialogue.</p>	Individual and in-group discussion
2.	3	a1	Accounting Information Systems: An Overview	<p>Introduction for lecture and present the objectives before discussion.</p> <p>Conversation and dialogue.</p>	Individual and in-group discussion
3.	3	a1	Accounting Information Systems: An	Introduction for lecture and present	Individual and in-group

			Overview	the objectives before discussion. Conversation and dialogue	discussion
4.	3	a2	Overview of Transaction Processing and Enterprise Resource Planning Systems.	Introduction for lecture and present the objectives before discussion. Conversation and dialogue	Quizzes, class attendance and participation
5.	3	a2	Overview of Transaction Processing and Enterprise Resource Planning Systems.	Introduction for lecture and present the objectives before discussion. Conversation and dialogue	Quizzes, class attendance and participation
6.	3	b1	Rational Databases	Introduction for lecture and present the objectives before discussion. Conversation and dialogue	Individual and in-group discussion and presentation Midterm Exam 30%
7.	3	b1	Rational Databases	Introduction for lecture and present the objectives before discussion. Conversation and dialogue	Individual and in-group discussion and presentation Midterm Exam 30%
8.	3	b1	Rational Databases	Direct teaching, case study, assignments and team work	Individual and in-group discussion and presentation
9.	3	c1	Fraud	Direct teaching, case study, assignments and team work	Individual and in-group discussion and presentation
10.	3	c1	Fraud	Direct teaching	Individual and in-group

					discussion and presentation
11.	3	c1	Fraud	Direct teaching	Individual and in-group discussion and presentation
12.	3	c1	Computer Fraud and Abuse Techniques.	Direct teaching	Individual and in-group discussion and presentation
13.	3	c1	Computer Fraud and Abuse Techniques.	Direct teaching	Individual and in-group discussion and presentation
14.	3	c1	Computer Fraud and Abuse Techniques.	Direct teaching	Individual and in-group discussion and presentation
15.	3		Term Paper		Presentation
16.	2		Final Exam		Final Exam 40%

Infrastructure	
Textbook	Marshall B. Romney and Paul J. Steinbart(2024) Accounting Information System 16 th Edition
References	Brett Considine, Alison Parkes, Karin Olesen, Yvette Blount, Derek Speer (2018) Accounting Information Systems Understanding Business Processed 5 th Edition. Mark G. Simkin, Jacob M. Rose, Carolyn S. Norman (2015) Core Concepts of Accounting Information Systems, 13 th Edition. James A. Hall (2013) Accounting Information Systems, 8 th Edition.

	Al-Tabari, Mahmoud. Omar and Al-Jaarat. Khaled. Jamal (2017) Accounting Applications, Using Spreadsheets Microsoft Office Excel, Dar Safa for Publication & Distribution. Amman-Jordan.
Required reading	
Electronic materials	
Other	

Course Assessment Plan						
Assessment Method	Grade	CILOs				
		a1	a2	b1	c 1	
First (Midterm)	30	10	10	10		
Second (if applicable)						
Final Exam	40	10	10	10	10	
Coursework						
Coursework assessment methods	Assignments	10	5			5
	Case study					
	Discussion and interaction					
	Group work activities	5			5	
	Lab tests and assignments					
	Presentations	5		5		
	Quizzes	10	5			5
Total		100	30	25	25	20

Plagiarism
Plagiarism is claiming that someone else's work is your own. The department has a strict policy regarding plagiarism and, if plagiarism is indeed discovered, this policy will be applied. Note that punishments apply also to anyone assisting another to commit plagiarism (for example by knowingly allowing someone to copy your code).
Plagiarism is different from group work in which a number of individuals share ideas on how to carry out the coursework. You are strongly encouraged to work in small groups, and you will certainly not be penalized for doing so. This means that you may work together on the program. What is important is that you have a full understanding of all aspects of the completed program. In order to allow proper assessment that this is indeed the case, you must adhere strictly to the course work requirements as outlined above and detailed in the coursework problem description. These requirements are in place to encourage individual understanding, facilitate individual assessment, and deter plagiarism.