COURSE DESCRIPTIONS

Faculty	Business				
Department	Accounting			**NQF level**	8
Course Title	Advanced Accounting Information System	**Code**	301771	**Prerequisite**	
Credit Hours	3	**Theory**	✓	**Practical**	
Course Leader	Prof. Ali Alrabei	**email**	aalrabei@jadara.edu.jo		
Lecturers	Prof. Ali Alrabei	**emails**			
Lecture time	13:30-15:00	**Classroom**	D 303	**Attendance**	Face to Face Education
Semester	First	**Production**	2020	**Updated**	2025
Type of Teaching	☐ Face to Face	✓Blended	☐ 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, Control and Accounting Information Systems, Controls for Information Security, Confidentiality and Privacy Controls, Processing Integrity and Availability Controls, Auditing Computer-Based Information Systems, Overview Business Processes.

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
e- Control and Accounting Information Systems
f- Controls for Information Security
g- Confidentiality and Privacy Controls
h- Processing Integrity and Availability Controls
i- Auditing Computer-Based Information Systems, and
j- Overview of business processes.

Course Intended Learning Outcomes (CILOs)

A. Knowledge - Theoretical Understanding

a1. Understand the meaning of system, data, information, accounting information systems, and Enterprise R Planning Systems. (K1)

a2. Chart of Accounts, Control and Accounting Information Systems, and Controls for Information Security. (K3)
B. Knowledge - Practical Application
a3.
C. Skills - Generic Problem Solving and Analytical Skills
b1. Students will be able to determine Computer Fraud and Abuse Techniques. (S1)
D. Skills - Communication, ICT, and Numeracy
b2. b3.
E. Competence: Autonomy, Responsibility, and Context
c1. Students will be able to understand AISs. (C1)
Teaching and Learning Methods
☐ Face to Face Lectures ☐ Brain Storming ☐ Synchronous remote ☐ Asynchronous remote ✓ Using Video ✓ Discussions ✓ Research Project ☐ Case Study ☐ Field visit ☐ Problem solving
Assessment Methods
✓ Formative Assessment ✓ Quiz ☐ Lab Exam ✓ Homework ☐ Project Assessment ✓ Oral Presentation ✓ Midterm ✓ Final Exam

Course Contents					
Week	**Hours**	**CILOs**	**Topics**	**Teaching & Learning Methods**	**Assessment Methods**
1.	3	a1	Accounting Information Systems: An Overview	Introduction for lecture and present the objectives before the discussion. Conversation and dialogue.	Individual and in-group discussion
2.	3	a1	Overview of Transaction Processing and Enterprise Resource Planning Systems.	Introduction for lecture and present the objectives before the discussion. Conversation and dialogue	Individual and in-group discussion
3.	3	a2	Systems Documentation Techniques	Introduction for lecture and present the objectives before the discussion. Conversation and dialogue	Quizzes, class attendance, and participation
4.	3	a2	Rational Databases	Introduction for lecture and present the objectives before	Individual and in-group discussion

				the discussion. Conversation and dialogue	and presentation
5.	3	a2 b1	Fraud	Direct teaching, case studies, assignments, and teamwork	Individual and in-group discussion and presentation
6.	3	b1	Computer Fraud and Abuse Techniques.	Direct teaching, case study, assignments and team work	Individual and in-group discussion and presentation
7.	3	b1	Control and Accounting Information Systems	Direct teaching	Individual and in-group discussion and presentation
8.	3	b1	Controls for Information Security.	Direct teaching	Individual and in-group discussion and presentation
9.	3		**Midterm Exam**		Midterm Exam 15%
10.	3	c1	Confidentiality and Privacy Controls.	Conversation and dialogue, Direct teaching, case study, and teamwork	Individual and in-group discussion and presentation
11.	3	c1	Processing Integrity and Availability Controls.	Learning by practicing.	Individual and in-group discussion and presentation
12.	3	c1	Auditing Computer-Based Information Systems.	Learning by practicing.	Individual and in-group discussion and presentation
13.	3	a2b1c1	Term Paper		Individual and in-group

					discussion
14	3	c1	The Revenue Cycle: Sales to Cash Collections. And The Expenditure Cycle: Purchasing to Cash Disbursements.	Direct teaching, case study	Individual and in-group discussion
15.	3	c1	The Production Cycle	Direct teaching, case study, Conversation and dialogue	Individual and in-group discussion
16	2		**Final Exam**		

Infrastructure	
Textbook	Marshall B. Romney and Paul. J. Steinbart(2021) Accounting Information System 15th Edition
References	Brett Considine, Alison Parkes, Karin Olesen, Yvette Blount, Derek Speer (2015 Accounting Information Systems Understanding Business Processed 4th Edition. Mark G. Simkin, Jacob M. Rose, Carolyn S. Norman (2015) Core Concepts of Accountin Information Systems, 13th Edition. James A. Hall (2013) Accounting Information Systems, 8th 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**	**c1**
First (Midterm)	**15**	5	5	5	
Second (if applicable)					

Final Exam		**25**	5	7.5	5	7.5
Coursework		**60**				
Coursework assessment methods	Assignments	15	5	5	5	
	Case study					
	Discussion and interaction	10			5	5
	Group work activities					
	Term paper	15	5	5		5
	Presentations	10		5	5	
	Quizzes	10	5	5		
Total		100	25	32.5	25	17.5

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.