

COURSE DESCRIPTIONS

Faculty	Business				
Department	Accounting	NQF level	8		
Course Title	Accounting Information System	Code	301461	Prerequisite	-
Credit Hours	3	Theory	✓	Practical	✓
Course Leader	Sanaa Maswadeh	email	sanaam@Jadara.edu.jo		
Lecturers	Sanaa Maswadeh	emails	sanaam@Jadara.edu.jo		
Lecture time	10-11:15	Classroom	Microsoft Teams	Attendance	
Semester	second	Production	2013	Updated	2021

Short Description

This course deals with the basic concepts of accounting information systems and the basic functions of this system, the factors affecting its design in addition to its main and subsidiary systems, how to design accounting information systems, documenting systems and internal control systems, security and protection of accounting information systems in light of e-commerce and the Internet, as well as dealing with many business cycles such as revenues cycle, expenses, payrolls, production and general ledger.

Course Objectives

The objective of this course is to provide students with:

- Recognize the importance of the accounting information system and its role in the value chain
- Understand the documents and procedures used to collect, store and process data.
- Studying the documentation techniques used in the accounting system and preparing data flow diagrams, and data flow chart.
- Studying the Enterprise Resource Planning System ERP, and how it helps to unify all the company's operations with the accounting information systems.
- Studying the main operations cycles performed by most accounting information systems.

Course Intended Learning Outcomes (CILOs)

A. Knowledge - Theoretical Understanding

- a1. Understand the concepts related to the system and accounting information systems.
a2. Describe the main stages of the financial operations processing cycle, and the main activities of each.

B. Knowledge - Practical Application

- a3. Prepare documentation using data flow diagram and flow charts.

C. Skills - Generic Problem Solving and Analytical Skills

b1. Apply data flow diagram and data flow charts in different cases.
D. Skills - Communication, ICT, and Numeracy
b2. Process the processes required to update the system and prepare reports for internal and external users.
b3. • Identifying the main risks in the business cycle and evaluating the efficiency of internal control procedures in order to deal with them.
E. Competence: Autonomy, Responsibility, and Context
c1. Implementing the Enterprise Resource Planning System (ERP) and applying the model in relational databases.
Teaching and Learning Methods
<ol style="list-style-type: none"> 1. Discussion and problem solving 2. Individual assignments 3. Active learning method such as: small group.
Assessment Methods
<ol style="list-style-type: none"> 1. Short exams 2. class participation 3. Homework, Assignment submission on specific

Course Contents					
Week	Hours	CILOs	Topics	Teaching & Learning Methods	Assessment Methods
1.	1.15	a.1,a.2	Concepts related to the system and accounting information systems.	Discussion and problem solving	class participation
2.	1.15	a.1,a.2	The accounting information system and the organization's strategy and organizational culture	Discussion and problem solving	class participation
3.	1.15	a.2, b.1, b.2	The main stages of the business process processing cycle, and the main activities of each of them	Discussion and problem solving	class participation
4.	1.15	a.2, b.1, b.2	Overview of Transaction Processing and ERP Systems	Discussion and problem solving	Homework, Short exams
5.	1.15	a.1, a.2, b.1	Discuss the types of information that the accounting information system can provide.	Discussion and problem solving	class participation
6.	1.15	a.2, b.1, b.2	Documentation techniques and systems development	Discussion and problem solving	class participation
7.	1.15	b.1, b.2, c.1	Prepare documentation using data flow diagram and flow charts.	Discussion and problem solving	Homework, Short exams
8.	1.15	a.1, b.1, b.2	Similarities and differences data flow diagram and flow charts.	discussion in small group	Homework, Short exams
9.	1.15	a.1, b.1, b.2	Enterprise Resource Planning System (ERP) and model application in relational databases.	discussion in small group	class participation

10.	1.15	b.1, b.2, c.1	Describe the primary business activities and data processing operations that are performed in the revenue cycle.	Discussion and problem solving	class participation
11.	1.15	a.2, b.1, b.2	The cycle of expenditures, purchases and cash expenditures	Discussion and problem solving	Homework, Short exams
12.	1.15	a.1, a.2, b.1	Describe the basic activities and process data related to the expenditure cycle.	Solving problem, and discussion in small group	class participation
13.	1.15	a.2, b.1,b.2 ,c.1	Describe the main activities and data processing operations that are performed in the production cycle.	Solving problem, and discussion in small group	class participation
14.	1.15	a.2, b.1,b.2 ,c.1	Discussing the decisions to be taken in the production cycle.	Solving problem, and discussion in small group	Homework, Short exams
15.	1.15	b.1, c.1	Describe how company's cost accounting system can help it achieve its manufacturing goals.	Solving problem, and discussion in small group	class participation
16.	1.15	a.2, b.1,b.2 ,c.1	Applying new developments in information technology as a system (XBRL, Extensible Business Reporting Language) and using them in preparing internal and external reports.	Solving problem, and discussion in small group	Homework, Short exams

Infrastructure	
Textbook	Marshall B. Romney and PaulJ. Steinbart, (2018) Accounting Information System 14 th Edition
References	Mark G. Simkin, Jacob M. Rose, Carolyn S. Norman (2015) Core Concepts o Accounting Information Systems,13 th Edition.
Required reading	Al-Tabari, Mahmoud. Omar and Al-Jaarat. Khaled. Jamal (2017) Accounting Applications, Using Spreadsheets Microsoft Office Excel, Dar Safa for Publication & Distribution. Amman-Jordan.
Electronic materials	WWW.Prenhall.com/romeny
Other	CPA accounting Information Systems

Course Assessment Plan						
Assessment Method	Grade	CILOs				
		a.1	a.2	b.1	b.2	c.1
First (Midterm)	30	5	5	10	5	5
Final Exam	50	15	15	10	5	5
Coursework	20					
Coursework assessment methods	Assignments	5	1	1	1	1
	Case study					
	Discussion and interaction	3	1		1	1
	Group work activities					
	Lab tests and assignments	4	1		1	1
	Presentations	3	1	1	1	
	Quizzes	5	1	1	1	1
Total	100	25	23	25	14	13

Plagiarism
<p>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).</p> <p>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.</p>