Course Definition File

Accounting

Information

Technology

Engineering

1. Basic Information:

Course Name	Accounting
Course ID	GAC501
Number of Presentational Sessions*	2 × 15
Number of Synchronous Sessions**	12
Number of Shorter Tests***	4
Number of ExamS***	1
Theoretical Sessions Work Load (hrs.)	90
Practical Sessions Work Load (hrs.)	36
Credit Hours	5

*Each presentational session comprises both recorded lecture (1.5 hrs.) and interactive learning content (1.5 hrs.).

**Each synchronous session comprises the interactive lecture carried out in real time in a virtual class (1.5 hrs.).

***Each shorter test is 0.5 hr. long. The final exam is 2 hrs. long.

N.B.

Generally, each chapter requires two presentational sessions: one for the recorded content and one for the interactive content (unless the chapter is too long, in which case it may require more sessions (. This note applies to synchronous sessions as well, where each chapter requires one synchronous session generally.

2. Pre-Requisites:

Course	Code
Fundamentals of Management	GMN401

3. Course Objectives:

This course aims to teach students the basic concepts of accounting and give them the tools which help in understanding these concepts, the accounting system objectives and characteristics, the accounting cycle, closing accounts and balance sheet. This course aims also to enable students to carry out accounting programming with accurate standards, due to its importance in the market place and understanding the most current used accounting terminology in different organization.

Furthermore it aims to introduce some of the practical problems that may face the students in the future.

4. Learning Outcomes (LO):

By the end of this course the learner is expected to:

- Understanding the accounting equation, and the effect of accounting transactions on this equation and specially the concept of sustaining the equilibrium between the two sides of equation after every transaction

- Understanding the debit and credit theory in addition to the classification of the debit and credit accounts according to the nature of the accounts (the type of the accounts), and the effects that accounting transactions have on the accounts,

- Knowing what the accounting cycle means, and the steps to complete it, and what is the accounting records that should be kept as well as how we prepare closing accounts

- Preparing finance statements and the relationship among the closing accounts

- Describing the elements of balance sheet, the assets & liabilities, and how to classify accounts in these elements

- Define, classify and explain the inventory of fixed assets, in addition to the depreciation methods and how to account for disposal of long lived assets

- Define, classify and explain the inventory of current assets. Besides reporting inventory, account receivable, and short term investment, calculating provision and allowance and accounting for it

- Accounting process for liquid assets, recording shortage or overage of cash

- Carry out an integrated and automated accounting system practical project

5. Assessment Results:

Chapter No.	Chapter Title	General Objectives	Assessment Type				
			Interactive content/ Recorded Sessions	Applied Activities (Synch. Sessions)	Final Exam*/ Shorter Tests**	Presentations And Interviews***	Reports ***
CH1	The Accounting Equation	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH2	Debit and Credit Theory	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH3	The Accounting Cycle	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH4	Commercial Operations (1)	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓

CH5	Commercial Operations (2)	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH6	Financial Statements	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH7	Revision and Comprehensive Problems	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH8	Fixed Assets Inventory	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH9	Clients Inventory	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓

CH10	Goods Inventory	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH11	Expenses and Revenues Inventory	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓
CH12	Cash Inventory	Comprehension –Analytical Thinking –Tools And Application Hands– On	✓	✓	✓	✓	✓

Syrian Arab Republic		الجمهورية العربية السورية
Ministry of Higher Education		وزارة التعليم العالـــي
Syrian Virtual University		الجامعة الافتراضية السورية

6. Course Syllabus:

Chapter	Subject	Content	Number of Learning Objects	Number of Synchronous Learning Objects
CH1	The Accounting Equation	1. Accounting as information system 2. The use of accounting IS 3. Business organizations objectives 4. Accounting concepts 5. The difference between accounting and bookkeeping 6. Purposes of accounting system 7. Components of accounting system 8. Accounting system features 9. Accounting equation and equivalence 10. Applications and solutions	10	5
CH2	Debit and Credit Theory	1. Debit and credit terms 2. Classification of accounts 3. Applications and solutions	3	1
CH3	The Accounting Cycle	1. Introduction 2. Recording journal entries 3. Posting journal entries to appropriate T-accounts in the ledger 4. Preparing trial balance	7	3

		5. Preparing closing accounts (trade profit and loss) 6. Balance sheet 7. Applications and solutions		
CH4	Commercial Operations (1)	1. Introduction 2. Purchase 3. Purchase returns 4. Purchase expenses 5. Sales 6. Sales return 7. Applications and solutions	6	3
CH5	Commercial Operations (2)	1. Sales and purchase discount 2. Expenses 3. Revenues 4. Applications and solutions	4	2
CH6	Financial Statements	1. Income statement for merchandising businesses 2. Statement of owner's equity 3. Balance sheet 4. Applications and solutions	4	2
CH7	Revision and Comprehensive Problems	1. Different applications	5	2

CH8	Fixed Assets Inventory	1. Introduction 2. Fixed assets inventory 3. Accounting for residual value 4. Applications and solutions	3	1
CH9	Clients Inventory	1. Introduction 2. Accounting for bad debts 3. Applications and solutions	2	1
CH10	Goods Inventory	1. Introduction 2. Accounting for inventory 3. Short Term Investment (securities) Inventory 4. Applications and solutions	3	1
CH11	Expenses and Revenues Inventory	1. Introduction 2. Prepaid expenses 3. Accrued expenses 4. Unearned revenues 5. Accrued revenues 6. Applications and solutions	5	2
CH12	Cash Inventory	1. Cash inventory method 2. Results of cash inventory 3. Accounting for cash 4. Applications and solutions	4	2

7. Practical Activity:

- **Tools and Labs:**

Tool Name	Description
Word, Excel, Power point	Microsoft Office
Accounting Applications for Beginners	Easy Accounting Programing Tools

- **Practical Activities per Chapters:**

Chapter	Activities Type	Remarks
CH1	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment ☐ Other	
CH2	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment ☐ Other	
CH3	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment	

	☐ Other	
CH4	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment ☐ Other	
CH5	☑ Exercises ☑ Homework ☐ Webinars ☑ Project ☑ Experiment ☐ Other	• Students present projects that they have been previously tasked with • Each project includes both design and practical implementation
CH6	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment ☐ Other	
CH7	☑ Exercises ☑ Homework ☑ Webinars ☐ Project ☑ Experiment ☐ Other	

CH8	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment ☐ Other	
CH9	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment ☐ Other	
CH10	☑ Exercises ☑ Homework ☑ Webinars ☐ Project ☑ Experiment ☐ Other	
CH11	☑ Exercises ☑ Homework ☐ Webinars ☑ Project ☑ Experiment ☐ Other	• Students present projects that they have been previously tasked with • Each project includes both design and virtual implementation

CH12	☑ Exercises ☑ Homework ☐ Webinars ☐ Project ☑ Experiment ☐ Other	

8. References:

Len Hand, Carolyn Isaaks and Peter Sanderson, (2005), "Introduction to accounting for Non – specialists", London, Thomson Learning.

Pru Marriott, J.R. Edwards and H.J. Mellett, **(2002),** "Introduction to accounting", 3rd edition, SAGE Publications, London , Thousand Oaks , New Delhi

Donald E Kieso, Jerry J Weygandt, Terry D Warfield, **(2010),** "Intermediate Accounting", IFRS Edition.