

Syrian Arab Republic	 الجامعة الافتراضية السورية SYRIAN VIRTUAL UNIVERSITY	الجمهورية العربية السورية
Ministry of Higher Education		وزارة التعليم العالي
Syrian Virtual University		الجامعة الافتراضية السورية

Course Definition: Cost Analysis

1- Basic Information:

Course Name	Cost Analysis
Course ID	BQ BAC202M305
Contact Hours (Registered Sessions)	18
Contact Hours (Synchronized Sessions)	18
Mid Term Exam	
Exam	75min
Registered Sessions Work Load	18
Synchronized Session Work Load	18
Credit Hours	4

2- Pre-Requisites:

Course	ID
Principles of Accounting	BAC101

3- Course General Objectives:

Providing basic cost accounting concepts in manufacturing companies and analyzing cost classifications; functionally, on a cost unit, and on the volume of activity. Also, identifying the accounting treatments for cost elements, that is, cost of raw materials (RM), cost of wages, and cost of overheads, and analyzing their variances in terms of standards cost accounting. Furthermore, analyzing and comparing between the traditional and the ABC costing systems to assign overheads on cost centers, products and activities to calculate cost and profitability of products, thus, applying overheads rates, cost theories, cost statements, closing accounting, and linking the outputs of cost accounting with the financial accounting for manufacturing companies. The subject is directed towards the main objective to develop skills of students in applying cost accounting tools, with a research objective to develop the student's thinking based on the content of this subject, including its practical advantages from practice for manufacturing companies today and tomorrow.

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4- Intended Learning Outcomes (ILO):

Code	Intended Learning Outcomes
ILO1	Understanding and analyzing the basic concepts of cost elements and cost behaviors and different classifications of a cost structure, that is the functional, the cost unit, and the activity volume classifications.
ILO2	Understanding and analyzing the cost of raw materials (RM) and their accounting treatments related to purchasing, warehousing, and pricing of raw materials. Also, analyzing wastage, damage, and remainder of RM resulting from production and service centers. Further, analyzing control procedures and identifying variances of RM in terms of standard cost accounting.
ILO3	Understanding and analyzing the cost of wages and their accounting treatments related to wages incentives methods, distribution of wages on cost centers whether production, marketing or administrative. Also, analyzing control procedures and identifying variances of wages in terms of standard cost accounting.
ILO4	Understanding and analyzing the items of indirect costs (overheads) that are related to production, marketing or administrative activities and providing their accounting treatments in terms of recording overheads and their assignments on each cost centre and production orders. Also, analyzing control procedures for overheads and identifying their variances based upon standard cost accounting.
ILO5	Enable students to understand, analyze and discuss how to assign overheads on main and support activities and comparing between the old and the ABC systems of costing by showing how the ABC system has a priority in assigning overheads accurately on activities that consume resources instead of products, thus, showing its advantages and requirements in reaching accurate cost of products, products' profitability and better competition for manufacturing companies.
ILO6	Students can be able to analyze cost elements through demonstrating the four cost statements, that is: the statement of RM used in production; the statement of cost of production; the statement of cost of goods sold; and the statement of total costs, for both production orders and processes, and applying cost theories in preparing closing accounts with the aim of showing gross profits and net profits. Also, students are able to analyze how to connect cost accounting and financial accounting at the end of the financial year for manufacturing companies.
ILO7	Students can be able to analyze and discuss solutions of required assignments and that for a comprehensive assignment given during the semester, with purpose of understanding the related cost accounting treatments based on the prior actual and standards cost accounting concepts, rules, ratios and criteria applied on elements of financial statements of manufacturing companies and in line with the content of cost analysis.

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5- Course Syllabus (18 hours of total synchronized sessions)

- **RS:** Recorded Sessions; **SS:** Synchronized Sessions;

ILO	Course Syllabus	RS	SS	Type	Additional Notes
ILO1	<ul style="list-style-type: none"> • Concepts of costs and classifications of costs elements in manufacturing companies. 	3	3	assignments	Exercises
ILO2	<ul style="list-style-type: none"> • Accounting for raw materials costs and their variances in manufacturing companies. 	3	3	assignments	Exercises
ILO3	<ul style="list-style-type: none"> • Accounting for wages costs and their variances in manufacturing companies. 	3	3	assignments	Exercises
ILO4	<ul style="list-style-type: none"> • Analyzing the allocation of overhead costs based on the traditional system and the activity-based costing and their variances in manufacturing companies. 	3	3	assignments	Exercises
ILO5	<ul style="list-style-type: none"> • Approaches of charging costs (cost theories) on cost centers in manufacturing companies. 	3	3	assignments	Exercises
ILO6	<ul style="list-style-type: none"> • Analyzing and preparing costs statements and closing accounts in manufacturing companies. 	1.5	1.5	assignments	Exercises
ILO7	<ul style="list-style-type: none"> • Analyzing cost reports based on job orders costs and production processes costs in manufacturing companies. 	1.5	1.5	assignments	Exercises

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6- Assessment Criteria (Related to ILOs)

ISC	Interactive Synchronized Collaboration	Ex	Exams	Rpt	Reports
PF2F	Presentations and Face-to-Face Assessments	PW	Practice Work		

ILO Code	ILO	Intended Results	Assessment Type				
			ISC	PW	Ex	PF2F	Rpt
ILO1	Understanding and analyzing the basic concepts of cost elements and cost behaviors and different classifications of a cost structure, that is the functional, the cost unit, and the activity volume classifications.		✓	✓	✓		✓
ILO2	Understanding and analyzing the cost of raw materials (RM) and their accounting treatments related to purchasing, warehousing, and pricing of raw materials. Also, analyzing wastage, damage, and remainder of RM resulting from production and service centers. Further, analyzing control procedures and identifying variances of ✓RM in terms of standard cost accounting.		✓	✓	✓		✓
ILO3	Understanding and analyzing the cost of wages and their accounting treatments related to wages incentives methods, distribution of wages on cost centers whether production, marketing or administrative. Also, analyzing control procedures and identifying variances of wages in terms of standard cost accounting.		✓	✓	✓		✓
ILO4	Understanding and analyzing the		✓	✓	✓		✓

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	items of indirect costs (overheads) that are related to production, marketing or administrative activities and providing their accounting treatments in terms of recording overheads and their assignments on each cost centre and production orders. Also, analyzing control procedures for overheads and identifying their variances based upon standard cost accounting.					
ILO5	Enable students to understand, analyze and discuss how to assign overheads on main and support activities and comparing between the old and the ABC systems of costing by showing how the ABC system has a priority in assigning overheads accurately on activities that consume resources instead of products, thus, showing its advantages and requirements in reaching accurate cost of products, products' profitability and better competition for manufacturing companies.		✓	✓	✓	✓
ILO6	Students can be able to analyze cost elements through demonstrating the four cost statements, that is: the statement of RM used in production; the statement of cost of production; the statement of cost of goods sold; and the statement of total costs, for both production orders and processes, and applying cost theories in preparing closing accounts with the aim of showing gross profits and net profits. Also, students are able to analyze how to connect cost accounting and financial accounting at the end of the financial year for manufacturing companies.		✓	✓	✓	✓

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ILO7	Students can be able to analyze and discuss solutions of required assignments and that for a comprehensive assignment given during the semester, with purpose of understanding the related cost accounting treatments based on the prior actual and standards cost accounting concepts, rules, ratios and criteria applied on elements of financial statements of manufacturing companies and in line with the content of cost analysis.							
				✓	✓	✓		

7- Practice Tools:

Tool Name	Description

8- Main References

1-7 محمد,الجمال; رشيد, شحاتة; محرم, زينات, (2005), أصول محاسبة التكاليف, الدار الجامعية, الإسكندرية, مصر, جمهورية مصر العربية.

7-2 Horngren, C. T., Srikant M. Dater, S.T., and Rajan, M., (2012), **Cost**

Accounting: A Managerial Emphasis’. 14th ed, Prentice Hall, Boston, USA.

3-7 جاريسون, ري اتش, ونورين, اريك, (2002), " المحاسبة الادارية" - ترجمة محمد عصام زايد واحمد حامد حجاج, دار المريخ, الرياض.

9- Additional References

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8-1 جلياتي، محمد، فخر، نواف، و ميده، ابراهيم، (2008)، " محاسبة التكاليف 1 "، منشورات جامعة دمشق، مركز التعليم المفتوح - دمشق ، سورية.

8-2 كوبر، روبين، كابلان، روبرت، (1998)، "إدارة التكاليف- التكاليف المحاسبية كخريطة للأداء والربحية" السنة السادسة، الشركة العربية للإعلام العلمي، القاهرة، مصر.

8-3 Garrison, R.N., (2010), "**Managerial Accounting**", 14th Ed, McGraw-Hill.