



Module (Course Syllabus) Catalogue 2023-2022

College/ Institute	Erbil polytechnic university/Erbil administrative college	
Department	Accounting Techniques	
Module Name	Cost Accounting	
Module Code	COA601	
Degree	Technical Diploma <input type="checkbox"/>	Bachelor <input checked="" type="checkbox"/> * High
	Diploma <input type="checkbox"/> ster	PhD <input type="checkbox"/>
Semester	Sixth semester	
Qualification	MSc in Accounting and Finance	
Scientific Title	Lecturer	
ECTS (Credits)	6	
Module type	Prerequisite <input type="checkbox"/>	Core <input checked="" type="checkbox"/> * Assist. <input type="checkbox"/>
Weekly hours	4 hours	
Weekly hours (Theory)	(2) hr Class	(150) Total hrs Workload
Weekly hours (Practical)	(2) hr Class	(150) Total hrs Workload
Number of Weeks	12 weeks	
Lecturer (Theory)	Susan Omer Othman	
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Lecturer	Susan Omer Othman	

(Practical)	
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Course Description	This course consists of a discussion of cost accounting concepts and objectives, an in-depth study of cost accounting systems and accumulation procedures and a search into the elements of material, labor and factory overhead costs.			
Course objectives	<p>Studying cost accounting is one of the best investment students can make. Why? Because success in any organization- from the smallest corner to the largest multinational corporation – requires the use of cost accounting concepts and practices. Cost accounting provides key data to managers for planning and controlling, as well as costing products, services and customers and how cost accounting help managers make better decision, making teams instead just data providers. By focusing on the basic and advance concepts, analyses, uses and procedures, we recognize cost accounting as managerial tool for business strategies and implementation.</p> <p>We also prepare students for the rewards and challenges facing them in the professional cost accounting word both today and tomorrow.</p>			
Student's obligation	<p>. There are some responsibilities for students that have to do:</p> <ul style="list-style-type: none"> -Students must attend at all lectures. -Students must attend in semesters and final exams. -Students have to participate in practice lectures. 			
Required Learning Materials	<p>Students at the end of the semester should know the following subjects:</p> <p>What is: Direct materials, direct labor, and manufacturing factory overhead, product costs, cost of goods manufactured statement accounting entries regarding manufacturing companies etc.....</p>			
Evaluation	Task	Weight (Marks)	Due Week	Relevant Learning Outcome
	Paper Review			
	Ass.ign. me Homework	%10	2 nd week, 6 th week	The ability of solving exercises

				and 8 th week	and examples and discussing.
		Class Activity	%2	During weeks	Participating and giving opinion.
		Report	%8	5 th week	Explanations and clarifying about a specific topic in detail.
		Seminar	%8	10 th week	The ability of presenting a topic which related to the module.
		Paper	%8	9 th week	
		Project			
		Quiz	%8	6 th week ,8 th week	The ability of answering questions.
		Lab.			
		Midterm Exam	%24		The ability of answering questions.
		Final Exam	%40		The ability of answering questions.
	Total	%100			
Specific learning outcome:	<p>During the studding of: cost concepts, cost behavior, and cost accounting techniques to manufacturing, merchandising, and service businesses, student will learn:</p> <ol style="list-style-type: none"> 1- How to determine costs of products and services more accurately. 2- Use the knowledge of product and service costs to set selling prices, to bid on contracts. 3- Analyze the relative profitability of various products and services. 4- Use techniques to measure the performance of managers and subunits within an organization. 5- Design an accounting system to fit the production and distribution system of an organization. 6- Use the accounting system as a tool to motivate managers towards the organization's goals. 				
Course References:	Cost Accounting a Managerial Emphasis , Charles T. Horngren , Srikant				

	<p>M. Datar & Madhav V.Rajan , ,Fifteenth Edition .2015.</p> <p>- Cost Accounting , Traditions and innovations , Barfield, Raiborn & Kinney .</p> <p>- Principles of Cost Accounting , Edward J . VanDerbeck , Fifteenth Edition .2010 .</p> <p>- Fundamentals of Cost Accounting , Wiliam N. Lanen , Shannon W.Anderson & Michael W.Maher ,Third Edition 2011 .</p>
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Course topics (Theory)	Week	Learning Outcome
<p><u>Accounting for labor:</u></p> <p>Defining wage plans with accounting entries:</p> <p style="padding-left: 40px;">1-Hourly rate plan:</p> <p style="padding-left: 80px;">Examples, exercises, and problems about hourly rate plan.</p> <p style="padding-left: 40px;">2- piece-rate plan:</p> <p style="padding-left: 80px;">Examples exercises and problems about piece-rate plan.</p>	1 st week	Explanations and clarifying all topics in detail.
<p style="padding-left: 40px;">3- Modified wage plan:</p> <p>Examples, exercises and problems about modified wage plans.</p>	2 nd week	Explanations and clarifying all topics in detail.
<p>Examples, exercises and problems about modified wage plans.</p>	3 rd week	
<p>Accounting for factory overhead:</p> <p><u>Allocation of service department costs:</u></p> <p style="padding-left: 40px;">1- Direct Method:</p> <ul style="list-style-type: none"> • Examples, exercises and problems about direct method. • Limitation of the direct method. 	4 th week	Explanations and clarifying all topics in detail.
<p style="padding-left: 40px;">2- Step Method:</p> <ul style="list-style-type: none"> • Examples, exercises and problems about step method. • Limitation of the direct method. 	5 th week	Explanations and clarifying all topics in detail.
<p style="padding-left: 40px;">3- Reciprocal Method:</p> <ul style="list-style-type: none"> • Examples, exercises and problems about reciprocal 	6 th week	Explanations and clarifying all topics

method. <ul style="list-style-type: none"> Limitation of the reciprocal method. 		in detail.
<u>Introduction to inventory costing:</u> 1- Absorption costing: <ul style="list-style-type: none"> Examples, exercises and problems about absorption costing. 	7 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
<ul style="list-style-type: none"> Illustration and examples, exercises and problems about absorption costing. 	8 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
<ul style="list-style-type: none"> Illustration and examples, exercises and problems about absorption costing. 	9 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
2- Variable costing: <ul style="list-style-type: none"> Examples, exercises, and problems about variable costing. 	10 th week	Explanations and clarifying all topics in detail.
<ul style="list-style-type: none"> Illustration and examples, exercises and problems about absorption costing. 	11 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
<u>Comparing absorption and variable costing.</u> <ul style="list-style-type: none"> Examples, exercises, and problems about comparing absorption and variable costing. 	12 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
Practical Topics	Week	Learning Outcome
Examples exercises and problems about: <ul style="list-style-type: none"> Hourly rate plan. piece-rate plan. 	1 st week	Explanations and clarifying all topics in detail with solving exercises and examples.
<ul style="list-style-type: none"> Examples, exercises and problems about modified wage 	2 nd and 3 rd week	Explanations and clarifying all topics

plans.		in detail with solving exercises and examples.
<ul style="list-style-type: none"> Examples, exercises and problems about direct method. 	4 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
<ul style="list-style-type: none"> Examples, exercises and problems about step method. 	5 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
<ul style="list-style-type: none"> Examples, exercises and problems about reciprocal method. 	6 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
<ul style="list-style-type: none"> Examples, exercises and problems about absorption costing. 	7 th ,8 th and 9 th week	Explanations and clarifying all topics in detail with solving exercises and examples.
<ul style="list-style-type: none"> Examples, exercises, and problems about variable costing. 	10 th and 11 th week	Explanations and clarifying all topics in detail with solving exercises and examples.

Questions Example Design

Example:

An employee earns \$20 per hour for up to 200 units of production per day. An employee who produces more than 200 units per day receives an additional piece rate of \$0.50 per unit. Assume that an employee worked eight hours per day with the following unit production for the week: Monday, 200; Tuesday, 175; Wednesday, 225; Thursday, 250; and Friday, 150. Calculate the employee's gross earnings for the week. \$_____

Extra notes:

Sometime, the number of the weeks which has been arranged, it can be affected by the holiday and events.

External Evaluator

The course book reviewed by:

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