Faculty	Business	Department	Accounting
Course number	0502710	**Course title**	**Advanced Cost Accounting**
Number of credit hours	3	Pre-requisite/co-requisite	---

Brief course description
This course aims to develop the students' ability to studying costing information and identifying cost elements, allocating overhead costs (Indirect costs) using traditional method and Activity-Based Costing (ABC), determining production cost using Job cost and Process cost systems, studying inventory evaluation by applying "Just- In Time" policy and to develop the students' skills of using cost accounting techniques, introducing approaches and models for cost calculation and preparing cost accounting systems.

	Course goals and learning outcomes
Goal 1	Understand cost accounting concepts and cost elements
Learning outcomes	1.1 gaining knowledge about cost accounting concepts. 1.2 students should be able to identify cost elements. 1.3 students should recognize cost accounting as a managerial tool for business strategy and implementation.
Goal 2	Illustrate job-costing system
Learning outcomes	2.1 gaining knowledge about the flow of costs in job-costing system. 2.2 students should be able to determine production cost using job-costing system. 2.3 students should be able to prepare journal entries to record costs under job-costing system.
Goal 3	Compute cost of products or services using activity based costing (ABC) system
Learning outcomes	3.1 gaining knowledge about the features of ABC system. 3.2 students should be able to cost products or services using ABC system. 3.3 students should be able to use ABC system for activity based management.
Goal 4	Explain how allocating support department costs and common costs
Learning outcomes	4.1 gaining knowledge about the methods of allocating the costs of support departments. 4.2 gaining knowledge about the methods of allocating common costs.
Goal 5	Understand the accounting for joint products and byproducts
Learning outcomes	5.1 students should be able to Identify the split off point in a joint cost situation and distinguish joint products from byproducts. 5.2 gaining knowledge about the methods of allocating joint costs. 5.3 gaining knowledge about byproduct accounting methods.
Goal 6	Explain process-costing system
Learning outcomes	6.1 students should be able to identify the situations in which process costing systems are appropriate. 6.2 students should be able to calculate equivalent units. 6.3 students should be able to prepare journal entries for process-costing systems.
Goal 7	Understand the accounting for spoilage, rework, and scrap
Learning outcomes	7.1 gaining knowledge about distinguish among spoilage, rework and scrape. 7.2 students should be able to account for spoilage. 7.3 students should be able to account for rework and scrape.

Goal 8	Discuss inventory Costing and capacity Analysis
Learning outcomes	8.1 gaining knowledge about what distinguishes variable costing from absorption costing. 8.2 students should be able to compute income under absorption costing, variable costing and throughput costing. 8.3 students should be able to describe the various capacity concepts that can be used in absorption costing.
Textbook	Horngren Charles T., Foster, Datar, Rajan, Ittner, Cost Accounting. A Managerial Emphasis, 15th Edition, 2014, Prentice Hall, USA.
Supplementary references	1- Lanen, William N., Anderson, Shannon W. & Maher, Michael W., Fundamentals of cost accounting, McGraw-Hill Education, 2013. 2- Colin Drury, Cost and Management Accounting, Cengage Learning EMEA, 2015. 3- Ronald Hilton, Cost Management: Strategies for business decisions, Boston, McGraw-Hill, 2008. 4- Blosher, Edward, J., Chen, Kung, H., and Lin, Thomas W., Cost Management: A Strategic Emphasis, 3rd edition, Inwin/ McGraw-Hill, New York, 2004.

Course timeline

Week	Number of hours	Course topics	Pages (textbook)	Notes
01	3	An Introduction to Cost Terms and Purposes	26-61	
02	3	Job Costing	98-137	
03	3	Job Costing	98-137	
04	3	Activity Based Cost and Activity Based Management	139-181	
05	3	Activity Based Cost and Activity Based Management	139-181	
06	3	Allocation of Support-Department Costs and Common Costs	542-575	
07	3	Allocation of Support-Department Costs and Common Costs	542-575	
08	3	**Midterm Exam**		
09	3	Cost Allocation: Joint Products and Byproducts	576-605	
10	3	Cost Allocation: Joint Products and Byproducts	576-605	
11	3	Process Costing	606-643	
12	3	Process Costing	606-643	
13	3	Spoilage, Rework, and Scrap	644-660	
14	3	Inventory Costing and Capacity Analysis	300-326	
15	3	Inventory Costing and Capacity Analysis	300-326	
16	3	**Final exam**	-	

Theoretical course evaluation methods and weight	Participation = 30% Midterm exam 30% Final exam 40%	**Practical (clinical) course evaluation methods**	Semester students' work = 60% (Reports, research, quizzes, etc.) Final exam = 40%

Approved by head of department	Dr. Abdallah Atieh	**Date of approval**	30/8/2017

Extra information (to be updated every semester by corresponding faculty member)

Name of teacher		Office Number	
Phone number (extension)		Email	_____@zuj.edu.jo
Office hours			

Prof. Inaam Zwalif