



The University of Jordan
School of Engineering
Industrial Engineering Department
Summer Semester 2017/2018

Course name:	Cost Accounting		
Course code:	0906423		
Credits hours	3		
Contact hours/room:	001 Industrial		
Course instructor's name, E-mail, and phone:	Prof. Abbas Al-Refaie		
	abbas.alrefai@ju.edu.jo		
	22928		
Course Coordinator:	Prof. Abbas Al-Refaie		
Text book:	Cost Accounting: A Managerial Emphasis 12th Edition by Charles T. Horngren (Author), Srikant M. Datar (Author), George Foster		
Other reference(s):	Handouts, book chapters.		
Course Description:	Concepts and theories in accounting and cost accounting, financial statements, product cost accounting models and methods, product cost accounting systems and computerized cost accounting systems.		
Providing Department:	Industrial Engineering		
Prerequisite Course:	Production Planning and Control (0906421)		
Course type	Elective		
Assessment Methods:	Method	Weight %	Date
	First Exam	30%	
	Mid Exam	30%	
	Projects	0%-5%	
	Final Exam	40%	
Course Learning Outcomes:	#	After successful completion of this course, the student will be able to	SO
	CLO1	Be able to explain basic concepts of cost and how costs are presented in financial statements and then used in decision making	1
	CLO2	Be able to perform job, Activity-Based costing and process costing and conduct cost-volume- profit analysis.	4
	CLO3	Be able to calculate cost of goods sold in different real business environments.	4

Brief list of topics	Week #	Topic
	1-2	The management and management accounting
	3-4	Introduction to cost terms and purpose
	5	Cost-volume-profit analysis
	6-9	Job costing
	10-11	Activity-based costing and activity based management
	12-13	Process costing
	14	Spoilage, rework and scrap
	15	Pricing decisions and cost management
	16	Cost allocation: Joint products and byproducts
Important Notes:	<ul style="list-style-type: none"> • Do not hesitate to ask questions • You are required to bring a notebook and take notes in classes. • Students are expected to attend every class session and they are responsible for all material, announcements, schedule changes, etc., discussed in class. • Discuss the assignments among yourselves • Don't Cheat; direct copying of others work will NOT be allowed or tolerated and will result in a reduction of grade. If you are found to be cheating in any way, on an exam or assignment, even signing the roll sheet for another student, you will be given an "F" for the course. There will be no exceptions. • All cases of academic dishonesty will be handled in accordance with university policies and regulations. JU policy requires the faculty member to assign ZERO grade (F) if a student misses 15% of the classes that are not excused, and 20% of the classes that are excused • Students are expected to be ready to take a quiz any time they have a class. There will be no make-up quizzes or home works. • Any students with disabilities who need accommodations in this course are encouraged to speak with the instructor as soon as possible to make appropriate arrangements for these accommodations. 	

	<i>The B.Sc. in industrial Engineering program enables students to achieve, by the time of graduation the following program learning outcome (SOs)</i>
1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3	An ability to communicate effectively with a range of audiences
4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives

6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies

<i>The B.Sc. in industrial Engineering program enables students to achieve, by the time of graduation the following program learning outcome (SOs)</i>			
a	<i>An ability to apply knowledge of mathematics, science and engineering.</i>	g	<i>An ability to communicate effectively.</i>
b	<i>An ability to design and conduct experiments, as well as to analyze and interpret data.</i>	h	<i>An ability to understand the impact of engineering solutions in a global, economic, environmental and societal context.</i>
c	<i>An ability to design a system, component, or process to meet desired needs within realistic constraints.</i>	i	<i>An ability to engage in life-long learning.</i>
d	<i>An ability to function productively as part of multidisciplinary teams and show leadership qualities.</i>	j	<i>An ability to acknowledge contemporary issues related to the discipline.</i>
e	<i>An ability to identify, formulate and solve engineering problems.</i>		
f	<i>An ability to understand professional and ethical responsibilities.</i>	k	<i>An ability to use techniques, skills and modern engineering tools necessary for engineering practice.</i>