



الوصف التفصيلي للمادة الدراسية – إجراءات تنفيذ مهام لجنة الخطة الدراسية/ كلية الاقتصاد والعلوم الإدارية
Course Detailed Description – Procedures of the Course Plan Committee/Faculty of
Economics & Adm. Sciences

QF05/0408-2.0

Department	Master Business Administration	القسم
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Advanced Operations Management	Course Name		Course No.
	(Prerequisite)	3	Credit Hours
أ ق / أ ج 2011-2012 / ق أ 2 2012/1/31	Number & date of course plan approval	Brief Description	
The focus of this course is on operations management of operations and production management system. The course also will provide participants with an understanding about all other related concepts aggregate planning, MRP, JIT, Quality Management and Supply Chain Management.			

<p>The main objectives of this course are the following:</p> <ol style="list-style-type: none"> 1- To help participants become effective operations management in today competitive global environment. 2- To enable participants discover the challenge of managing activities throughout the organization. 3- To help participants discover the importance of the field of operations management. 4- To help participants understand what managers do about process operations. 5- To help participants understand many cross functional links with operations system. 6- To help participants learn more about the tool that manager can use to make better decisions. 	(Course Objectives)
<p>Participants should write, present and discuss one or two papers in the following subject:</p> <ol style="list-style-type: none"> 1- Operations Strategy 2- Process Selection and Facility Layout 3- Benchmarking in Operations Management 4- Work Systems 5- Production Technology (CAD, CAM, FMS, CIM, Automation, Robotics, Virtual Factory) 6- Supply Chain Management. 7- Just-In-Time System (JIT) and Lean production system 8- Material Requirement Planning (MRP). 9- Capacity Planning Strategies 10- Scheduling 11- Inventory Management and Zero Inventory. 12- Total Quality Management (TQM) 	(Course Topics)
<p>A. Main References:</p> <ol style="list-style-type: none"> 1- Stevenson W.J, (2010), 10th edition, "Operations Management", McGraw-Hill, Irwin, Boston. 2- Heizer J. & Render B., (2004), 7th edition, "Operations Management", Pearson, Prentice Hall. 	(Text Book)
<ol style="list-style-type: none"> Krajewski L. J. & Ritzman L. P., (2009), 9th edition, "Operations Management", Pearson, Prentice Hall. 2- Davis, Aquilano & Chase, (2005), 11 edition "Operations Management for Competitive Advantage", McGraw-Hill. 	(References)



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3- Hill T., (2005), "Operations Management", McMillan. 4- Nigle Slack et al.(2010):Operations Management, 6 edition, Pearson Education Limited, Essex.				
%50 = Course Work -1 (Reports, Term Papers, Quizzes) %50 =Final Exam -2		(Practical Course Grade Determination)	%10 = Participation %20 =1 st Exam %20 =2 nd Exam %50=Final Exam	(Grade Determination)
(Course Outline)				
Notes	Pages in Textbook	Subjects	Hours	Week
		Introduction to Operations Management	3	01
		Competitiveness, Strategy, and Productivity	3	02
		Product & Service Design	3	03
		Strategic Capacity Planning for Products and Services	3	04
		Process Selection and Facility Layout	3	05
		Location Planning and Analysis	3	06
First Exam				07
		Work Design Systems	3	08
		Aggregate Planning	3	09
		MRP & ERP	3	10
		JIT and Lean Operations	3	11
		Management of Quality	3	12
Second Exam				13
		Inventory Management	3	14
		Supply Chain Management	3	15
Final Exam				16

5- Grading Policy and Course Grading

a. Course Grading

Sq.	Heading	Grade
1	Paper Presentation	10
2	Participation	10
3	First Exam	20
4	Second Exam	20
5	Final Exam	40
6	Total	100%

b. Grading Scale

Range	Grade
Below 50%	F



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50 → 55	D
56 → 62	D+
63 → 69	C
70 → 77	C+
78 → 84	B
85 → 90	B+
91 →	A

	Date of Approval	Approved by Dept. Chair
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معلومات إضافية:

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