

<b>Detailed Course Description - Course Plan Development and Updating Procedures/ Computer Information Systems Department</b>	<b>QF01/0408-3.0E</b>
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Faculty	Faculty of Science and Information Technology	Department	Computer Information Systems
Course Number	0113428	Course Title	<b>Advanced Database Management Systems</b>
Number Of Credit Hours	3	Pre-Requisite/Co-Requisite	Database Management Systems

### Brief course description

This course includes the following topics:

Revision of SQL, PL/SQL, and Forms Builder, Advanced Forms Builder topics, Report Builder, Case Study.

Course goals and learning outcomes	
<b>Goal 1</b>	<b>To be acquainted with advanced concepts of form builder</b>
Learning Outcomes	<b>1.1</b> To be able to use SQL, PL/SQL, and Forms Builder tools. <b>1.2</b> To be able to design and implement a full database project.
<b>Goal 2</b>	<b>To have general knowledge of report builder</b>
Learning Outcomes	<b>2.1</b> To show a good comprehension of the report builder tools.
<b>Textbook</b>	Rick Greenwald, Robert Stackowiack, and Jonathan Stern. Oracle Essentials: Oracle Database 12c, <b>2013</b> .
<b>Supplementary References</b>	1- Murach's Oracle SQL and PL/SQL for Developers, 2nd Edition, by Joel Murach, <b>2014</b> . Mike Murach and Associates, Inc.

Course Timeline				
Week	Number Of Hours	Course Topics	Pages (Textbook)	Notes
<b>01</b>	1	SQL Revision, DDL instructions, DML instructions, SQL Query	<b>79-373</b>	
	1			
	1			
<b>02</b>	1	PL/SQL Revision, Iteration, Control statements, Cursor, Exception Handling	<b>413-507</b>	
	1			
	1			
<b>03</b>	1	Basic Forms Builder Revision. Data Block, Custom Block, Alert, Program Units.		
	1			
	1			
<b>04</b>	1	Advanced Forms Builder Topics. Tab Canvas, Stacked Canvas. Creating Custom Menus.		
	1			
	1			
<b>05</b>	1	<b>First Exam 15%</b>		
	1			
	1			
<b>06</b>	1	Advanced Forms Builder Topics. Visual Attributes, Stored Procedures.		
	1			

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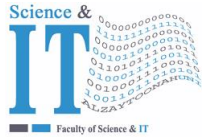
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07	1 1 1	Advanced Forms Builder Topics. Various Topics.		
08	1 1	Advanced Forms Builder Topics. Various Topics.		
09	1 1	Case Study		
10	1 1	Project Initial Presentations		
11	1 1	<b>Second Exam 15%</b>		
12	1 1	Report Builder		
13	1 1	Report Builder		
14	1 1	Project Final Presentations		
15	1 1	Project Final Presentations		
16	1 1	<b>Final Exam 30%</b>		

<b>Theoretical Course Evaluation Methods and Weight</b>	Participation = 10% First Exam 20% Second Exam 20% Final Exam 50%	<b>Practical (Clinical) Course Evaluation Methods</b>	Semester Students' Work = 50% (Reports, Research, Quizzes, Etc.) Final Exam = 50%
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Approved by Head of Department		Date of Approval	
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Extra information (to be updated every semester by corresponding faculty member)

Name of teacher		Office Number	
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جامعة الزيتونة الأردنية  
Al-Zaytoonah University of Jordan  
كلية العلوم وتكنولوجيا المعلومات  
Faculty of Science and Information  
Technology



"عراقة وجودة"  
"Tradition and Quality"

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Phone number (extension)		Email	<a href="mailto:_____@zuju.edu.jo">_____@zuju.edu.jo</a>
Office hours			