

Kingdom of Saudi Arabia
The National Commission for Academic Accreditation & Assessment

335CIS-3
Database Management Systems

Course Specification
First Semester 2016-2017

Course Specification

Institution : Najran University	Date of Report : 05-May-2017
College/Department : College of Computer Science and Information Systems, Department of Information Systems	

A. Course Identification and General Information

1. Course title and code : Database Management Systems, 335CIS-3		
2. Credit Hours : 3		
3. Programs : Bachelor of Information Systems		
4. Name of the faculty member responsible for the course: Mr. Omar Abdul Rehman Ali		
5. Level of the Course offered : Level - 6		
6. Pre-requisites for this course : 230CIS-3		
7. Co-requisites for this course : 230CIS-3		
8. Location : Male Campus		
9. Mode of Instruction :		
a. Traditional classroom	<input type="checkbox"/> What percentage?	<input type="text"/>
b. Blended (traditional and online)	<input type="checkbox"/> What percentage?	<input type="text"/>
c. e-Learning	<input type="checkbox"/> What percentage?	<input type="text"/>
d. Correspondence	<input type="checkbox"/> What percentage?	<input type="text"/>
e. Other	<input type="checkbox"/> What percentage?	<input type="text"/>
Comments:		

B. Objectives

Programming in large-scale relational database environment using host language, design and implement applications. Topics covered in this course include: database programming using oracle environment or similar , procedural languages, stored procedures transaction management and introduction to oracle developer or extensible markup data definition and retrieval language to create and customize forms and reports, and integrate databases with other sources of data and applications

C. Course Description (Note: General description in the form to be used for the Bulletin or handbook should

1. Topics to be Covered		
List of Topics	No. of Weeks	Contact Hours
1. PL/SQL Concepts	1	
2. General Programming Language Fundamentals	1	
3. SQL in PL/SQL	1	
4. Making Use of DML in PL/SQL	1	
5. Conditional Control: IF Statements	1	
6. Iterative Control	1	
7. Error Handling and Built-in Exceptions	1	
8. Introduction to Cursors	1	
9. Procedures	1	
10. Triggers	1	
11. Functions	1	
12. Introduction to Oracle forms	1	
13. Introduction to Oracle report	1	
14. Project	1	

2. Course components (total contact hours and credits per semester):						
	Lecture	Tutorial	Laboratory	Practical	Other	Total
Contact Hours						0
Credits						0

3. Additional private study/learning hours expected for students per week.

4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Method
1.0	Knowledge		
1.1	Not applicable to this course		
2.0	Cognitive		
2.1	Not applicable to this course		
3.0	Interpersonal		
3.1	Not applicable to this course		
4.0	Communication		
4.1	Not applicable to this course		
5.0	Psychomotor		
5.1	Not applicable to this course		

5. Schedule of Assessment Tasks for Students During the Semester

	Assessment task	Week Due	Proportion of Total Assessment
1.	Midterm Exam 1		15 %
2.	Midterm Exam 2		15 %
3.	Quizes		6 %
4.	Assignments		4 %
5.	Project		10 %
6.	Fist lab exam		10 %
7.	Final Exam		40 %

D. Student Academic Counseling and Support

1.

E. Learning Resources

1. List Required Textbooks
- Benjamin Rosenzwing, Elena Silvestrova, Oracle PL/SQL by Example, Printice Hall, Latest Edition
- John AdolohPalinski, Oracle SQL and PL/SQL Handbook. Addison Wesley, Latest Edition.
2. List Essential References Materials (Journals, Reports, etc.)
- Ellen Gravina , Oracle Forms Developer: Build Internet Applications I, Rodney Hartzell, Latest Edition.
- Christian Bauwens Ursula Hov ,Oracle Reports Developer: Build Internet Reports, Latest Edition.
3. List Recommended Textbooks and Reference Material (Journals, Reports, etc)
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4. List Electronic Materials (eg. Web Sites, Social Media, Blackboard, etc.)
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5. Other learning material such as computer-based programs/CD, professional standards or regulations and software.

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F. Facilities Required

Indicate requirements for the course including size of classrooms and laboratories (i.e. number of seats in classrooms and laboratories, extent of computer access etc.)

1. Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)

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2. Computing resources (AV, data show, Smart Board, software, etc.)

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3. Other resources (specify, e.g. if specific laboratory equipment is required, list requirements or attach list)

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G. Course Evaluation and Improvement Processes

1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching

Methods

Ways

Plan of Action

2. Other Strategies for Evaluation of Teaching by the Program/Department Instructor

3. Processes for Improvement of Teaching

4. Processes for Verifying Standards of Student Achievement (e.g. check marking by an independent member teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution)

5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.

Teaching Staff : Mr. Omar Abdul Rehman Ali

Signature : _____

Date of Report Completed : 26-Jan-2017

Received by : _____

Dean/Department Head

Signature : _____

Date : _____

