

ATTACHMENT 2 (g)

Course Report

Kingdom of Saudi Arabia

The National Commission for Academic Accreditation & Assessment

**COURSE REPORT
(CR)**

Advanced Data Base - CIS 324

Dr. Ahmed Shehata

**1435-1436H
2014-2105**

A separate Course Report (CR) should be submitted for every course and for each section or campus location where the course is taught, even if the course is taught by the same person. Each CR is to be completed by the course instructor at the end of each course and given to the program coordinator

A combined, comprehensive CR should be prepared by the course coordinator and the separate location reports are to be attached.



Course Report

For guidance on the completion of this template refer to the NCAAA handbooks or the NCAAA Accreditation System help buttons.

Institution : Majmaah University	Date of Course Report : 18/3/1436
College/ Department: Az Zulfi College of Science / Computer Science and Information Department	

A. Course Identification and General Information

1. Course title : Advanced Data Base	Code # CIS 324	Section # 98				
2. Name of course instructor Dr. Ahmed Shehata	Location: College of Science in Azulfi					
3. Year and semester to which this report applies. 6th Level						
4. Number of students starting the course? <input type="text" value="10"/>	Students completing the course?	<input type="text" value="10"/>				
5. Course components (actual total contact hours and credits per semester):						
	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	45	-	30	-		75
Credit	45	-	15			60

B. - Course Delivery

1. Coverage of Planned Program			
Topics Covered	Planned Contact Hours	Actual Contact Hours	Reason for Variations if there is a difference of more than 25% of the hours planned
1- Database Design Theory: Introduction to Normalization Using Functional & Multivalued Dependencies	8	8	
2- Database Design Theory: Normalization Algorithms	8	8	



3- Database File Organization: Unordered, Ordered, and Hashed Files of Records	8	8	
4- Database File Indexing Techniques, B-Trees, and B+-Trees	12	12	
5- Introduction to Query : Processing and Query Optimization Techniques	8	8	
6- Foundation of Database : Transaction Processing	8	10	
7- Introduction to Protocols : Concurrency Control in Databases	8	8	

2. Consequences of Non Coverage of Topics For any topics where the topic was not taught or practically delivered, comment on how significant you believe the lack of coverage is for the course learning outcomes or for later courses in the program. Suggest possible compensating action.		
Topics (if any) not Fully Covered	Effectuated Learning Outcomes	Possible Compensating Action
No topics	-	-

3. Course learning outcome assessment.

	List course learning outcomes	List methods of assessment	Summary analysis of assessment results
1	Normalization forms.	Written Exam Homework assignments Lab assignments Class Activities Quizzes	The average of results 74.71 (C+) for 15 students.
2	Relational algebra, query using relational algebra.	Written Exam Homework assignments	
3	Using query to solve problems.	Lab assignments Class Activities	
4	Create SQL query.	Quizzes	



5	Apply Oracle 10g program structure.	Observations	
6	The students will be exposed to the modern programmable database queries.	Written Exam Homework assignments Lab assignments Class Activities Quizzes	

Summarize any actions you recommend for improving teaching strategies as a result of evaluations in table 3 above.

- Individual presentations
- Brainstorming
- Small group discussion
- Whole group

4. Effectiveness of Planned Teaching Strategies for Intended Learning Outcomes set out in the Course Specification. (Refer to planned teaching strategies in Course Specification and description of Domains of Learning Outcomes in the National Qualifications Framework)

List Teaching Methods set out in Course Specification	Were these Effective?		Difficulties Experienced (if any) in Using the Strategy and Suggested Action to Deal with Those Difficulties.
	No	Yes	
<ul style="list-style-type: none"> • Lectures • Homework • conversation 		√	
<ul style="list-style-type: none"> • Conversation between student. • Indirected questions. • Work group for some cases. 		√	
<ul style="list-style-type: none"> • Making groups and distributed tasks. • Presentation skills. • Skill constructive Monetary and dialogue and discussion with others • The ability to clearly express an opinion, and accept the opinions of others 		√	
<ul style="list-style-type: none"> • E-mail • Web sit 		√	

Note: In order to analyze the assessment of student achievement for each course learning outcome, student performance results can be measured and assessed using a KPI, a rubric, or some grading system that aligns student work, exam scores, or other demonstration of successful learning.

C. Results



1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Explanation of Distribution of Grades
A+	2	20%	
A	1	10%	
B+	0	0%	
B	0	0%	
C+	1	10%	
C	2	20%	The weakness of the students achievement level due to their weakness in Programming and English language and their careless.
D+	3	30%	
D	1	10%	
F	0	0%	
Denied Entry	0	-	
In Progress			
Incomplete			
Pass	10	100%	
Fail	0	0%	
Withdrawn	0	0%	

2. Analyze special factors (if any) affecting the results

The students have not complete skills background in programming languages, and the Data structure course is based on the skills programming.

3. Variations from planned student assessment processes (if any) (see Course Specifications).

a. Variations (if any) from planned assessment schedule (see Course Specification)

Variation	Reason

b. Variations (if any) from planned assessment processes in Domains of Learning (see Course Specification)

Variation	Reason
Lab practical	Students have not enough skills in programming



4. Student Grade Achievement Verification (eg. cross-check of grade validity by independent evaluator).	
Method(s) of Verification	Conclusion

D. Resources and Facilities

1. Difficulties in access to resources or facilities (if any) Using Lab in application practical	2. Consequences of any difficulties experienced for student learning in the course. Students have not enough skills in programming
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E. Administrative Issues

1 Organizational or administrative difficulties encountered (if any) <i>Nothing</i>	2. Consequences of any difficulties experienced for student learning in the course.
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F Course Evaluation

1 Student evaluation of the course (Attach survey results report)
a. List the most important recommendations for improvement and strengths
b. Response of instructor or course team to this evaluation
2. Other Evaluation (e.g. by head of department, peer observations, accreditation review, other stakeholders)
a. List the most important recommendations for improvement and strengths



b. Response of instructor or course team to this evaluation

G. Planning for Improvement

1. Progress on actions proposed for improving the course in previous course reports (if any).			
Actions recommended from the most recent course report(s)	Actions Taken	Results	Analysis
a. Scientific presentations	1 Scientific presentation (1x5)	Successive process but there is a problem which is the weakness of English language	5 Marks from the 60 marks of the student activities
b. Homeworks	2 Homeworks (2x5)	Successive process but there is a problem which is the make a copy of the homework without understanding which is written	10 Marks from the 60 marks of the student activities
c. Quizzes	1 Quizze (1 x5)	Successive process but there is a problem which is the weakness of English language	5 Marks from the 60 marks of the student activities
d. Practical Exam	1 Exam(1 x10)	Successive process but there is a problem which is the carless and weakness in programming basics.	10 Marks from the 60 marks of the student activities
e. Exams	2 Exams (2x15)	Successive process but there is a problem which is the weakness of English language	30 Marks from the 60 marks of the student activities

<p>List what actions have been taken to improve the course (based on previous CR, surveys, independent opinion, or course evaluation).</p> <p>1- Scientific presentations. 2- Quizzes. 3- Exams 4-Questionnaires to students on the course evaluation. 5-Questionnaires to students on the exam evaluation. 6- Continuous training courses on teaching improvements for staff members.</p>



3. Action Plan for Improvement for Next Semester/Year				
Actions Recommended	Intended Action Points and Process	Start Date	Completion Date	Person Responsible
a. Extra practical exercises for the weakness students during each lecture.	Practical exercises during each lecture			Instructor of the course
b. Extra homeworks	Extra homeworks			Instructor of the course
c.				
d.				

Name of Course Instructor: **Dr. Ahmed Shehata**

Signature: _____ Date Report Completed: 18/3/1436

Program Coordinator: _____

Signature: _____ Date Received: _____