ATTACHMENT 2 (g)

Course Report

Kingdom of Saudi Arabia

The National Commission for Academic Accreditation & Assessment

COURSE REPORT (CR)

Data Mining - CIS 449

Dr. Wael Khedr

1434-1435H 2013-2104

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.



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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 : 1/8/1435
College/ Department: Az Zulfi College of Science /	Computer Science and Information Department

A. Course Identification and General Information

1. Course title : Data S	Code #	CIS 449	Section #	273			
2. Name of course instructor Dr. Wael Khedr Location: College of Science in Azu					e in Azulfi		
3. Year and semester to	3. Year and semester to which this report applies. 5th Level						
4. Number of students starting the course? 10 Students completing the course? 10							
5. Course components	(actual total	contact hours	and credits per se	mester):			
	Lecture Tutorial Laboratory Practical Other: Total						
Contact Hours	45	-	-	30		75	
Credit	45	-	-	15		60	

B. - Course Delivery

1. Coverage of Planned Program			
	Planned	Actual	Reason for Variations if there is a
Topics Covered	Contact	Contact	difference of more than 25% of the
	Hours	Hours	hours planned
Concepts of data mining, instances, and	8	8	
attributes; data preparation			
Knowledge representation;	8	8	
representation, clusters.			
decision tables and trees, classification	16	16	
rules, association rules, rules with			
exceptions, rules involving relations,			



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trees for numeric prediction, instance based			
The basic methods: inferring rules	4	4	
constructing decision trees	4	4	
	4	4	

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	Effected Learning Outcomes	Possible Compensating Action
Engineering the input and output: attribute selection, discretization, bagging, boosting, and stacking.	Not	
Running experiments with Weka.	Not	

3. Course learning outcome assessment.

	List course learning outcomes	List methods of assessment	Summary analysis of assessment results
1	Recall concepts, instances, and attributes; data preparation.	Homework assignments Lab assignments Class Activities Quizzes	
2	Describe knowledge representation; decision tables and trees.	Homework assignments Lab assignments problems Class Activities	
3	Recognize classification rules, association rules.	Quizzes Observations	The average of results 74.71 (C)
5	An ability to extract rules involving relations, trees for numeric prediction, instance based classification.	Homework assignments	for 10 students.
7	An ability to implement and use rules for numeric prediction, instance based representation clusters data. • Application of Clusters	 Essay questions Encourage students to use WEKA application Lab 	



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

- 1- Partition the students into groups weakly
- 2- Each group will execute an individual task
- 3- Discussion and Evaluate each group through all other students
- 4- Collect all tasks and prepare as a project
- 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	Were these Effective?		Difficulties Experienced (if any) in Using the Strategy and Suggested Action to Deal
Specification	No	Yes	with Those Difficulties.
LecturesHomeworkconversation		V	
Conversation between student.Indirected questions.Work group for some cases.		V	
 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 		V	
E-mailWeb sit		V	

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.



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C. Results

1. Distribution of Grades

Letter	Number of	Student	Explanation of Distribution of Grades
Grade	Students	Percentage	•
C+	4	10%	
С	4	20%	
D	2	20%	
Denied Entry	0	-	
In Progress	11	100%	
Incomplete	0		
Pass	10	91%	
Fail	1	9%	
Withdrawn	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)

a. Variations (if any) from prainted assessment schedule (see Course specification)					
	Variation	Reason			
	-	-			
	-	-			
	-				

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





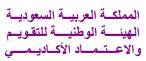
4. Student Grade Achievement Verification (e.	g. cross-check of grade validity by independent evaluator).
Method(s) of Verification	Conclusion
D. Resources and Facilities	
1. Difficulties in access to resources or	2. Consequences of any difficulties experienced for student
facilities (if any)	learning in the course.
Using Lab in application practical	Students have not enough skills in programming
E. Administrative Issues	
1 Organizational or administrative	2. Consequences of any difficulties experienced for student
difficulties encountered (if any)	learning in the course.
Nothing	
F Course Evaluation	
1 Student evaluation of the course (Attach su	rvey results report)
a. List the most important recommendations for	or improvement and strengths
I recommend to prepare a workshop training	

2. Other Evaluation (e.g. by head of department, peer observations, accreditation review, other stakeholders)

b. Response of instructor or course team to this evaluation

a. List the most important recommendations for improvement and strengths





G. Planning for Improvement

G. Training for improv	ement						
1. Progress on actions pro	posed for in	nproving the	e course in previo	ous course r	reports (if any).		
Actions recommended from the most recent course report(s)	Action	s Taken	Resul	lts	An	Analysis	
a.							
b.							
C.							
d.							
2. List what actions have be opinion, or course evaluation		o improve th	ne course (based o	on previous	CR, surveys, in	dependent	
3. Action Plan for Improv	vement for 1	Next Semest	er/Year				
Actions Recommend		Intended	Action Points Process	Start Date	Completion Date	Person Responsible	
a. Review on Weka							
b. Review in programmin	ng						
c. Seminar each lecture							
d. Separate the weakness in individual lectures							
e. Distribute the weakne students into different gro							
Name of Course Instruc	<u> </u>						
Signature:			Date Report Co	mpleted:			
Program Coordinator:							
Signature:			Date Received	!			