ATTACHMENT 2 (g)

Course Report

Kingdom of Saudi Arabia

The National Commission for Academic Accreditation & Assessment

Course REPORT
(CR)

Software Engineering
CIS 343-Z

Dr. Zeiad Mohamed El-Saghir Abdoun

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 Almajmaah University	Date of Course Report 29/7/1435
College/ Department College of Science / Department of Computer science and Information	

A. Course Identification and General Information

1. Course title : **Assembly Language**	Code # **(CIS-343-Z)**	Section # **252**
2. Name of course instructor **Dr. Zeiad Mohammed El-Saghir Abdoun**		Location **Az Zulfi**
3. Year and semester to which this report applies. **2nd Semester – 2013/2014**		
4. Number of students starting the course? 7		Students completing the course? 7

5. Course components (actual total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	3	-	-	-	-	45
Credit	3	-	-	-	-	45

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
Software Engineering principles - Professional software development - Software Applications - Software engineering ethics - Computer-Aided Software Engineering (CASE).	6	6	
Software process models - Using Process Models in a Project - Project Management Process - Software Standards.	9	9	
Process of Requirements Engineering - Requirements Documentation and review -	9	9	

SRS Validation - Requirements Management.			
Architectural Design - Structured Design Methodology - Design Documentation - Verification for Design.	9	9	
Programming Style - Coding Internal Documentation - Structured Programming - Code Verification - Testing Principles - Structural Testing - Functional Testing - Test Plan - System Operation and Maintenance.	12	12	

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
No topics	-	-

3. Course learning outcome assessment.

	List course learning outcomes	List methods of assessment	Summary analysis of assessment results
1	Acquire knowledge of computing and mathematics appropriate to software engineering including simulation and modeling.	Written Exam Homework assignments Class Activities Quizzes	The average level is 2.1 for 15 students.
2	Use current techniques, skills, and tools necessary for software engineering practice.	Homework assignments Class Activities Projects	
3	Understand of best practices and standards and their application.	Homework assignments Class Activities Quizzes	
4	Adhere professional, ethical, legal, security, and social issues and their responsibilities related to software engineering..	Homework assignments Class Activities Quizzes	
5	Analyze a problem to identify and define the computing requirements appropriate to its solution.	Homework assignments Class Activities Projects	
6	Apply software engineering	Written Exam	

	principles and practices to the planning and development of actual software projects, and design software architectures.	Class Activities Quizzes	
7	Analyze the local and global impact of software systems on individuals, organization, and society.	Class Activities Projects Quizzes	
8	Integrate IT-based solutions into the user environment effectively, and produce professional-quality software engineering documents.	Class Activities Projects Quizzes	
9	Function effectively on teams to accomplish a common goal.	Class Activities Projects Quizzes	
10	Communicate effectively with a range of audiences.	Class Activities Projects 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	
• Lectures • Homework • conversation		√	
• Conversation among students. • Indirect questions. • Work group for some cases.		√	

• 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		√	
• 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
B	1	14.28%	
C+	1	14.28%	
C	1	14.28%	
D	4	57.14%	
Denied Entry	0	0%	
In Progress	7	100%	
Incomplete	0	0	
Pass	7	100%	
Fail	0	0%	
Withdrawn	0	0	

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

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
-	-
-	-
-	-

4. Student Grade Achievement Verification (eg. cross-check of grade validity by independent evaluator).	
Method(s) of Verification	Conclusion
Interview students, including answers and model answer sheet and learning resources for decision	Good results

D. Resources and Facilities

1. Difficulties in access to resources or facilities (if any)	2. Consequences of any difficulties experienced for student learning in the course.
-	-

E. Administrative Issues

1. Organizational or administrative difficulties encountered (if any) -	2. Consequences of any difficulties experienced for student learning in the course. -

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. Insufficient background in computer science	- More examples are added - An extra exercises and solved problems are added.	Good results	a. Insufficient background in computer science
b.			
c.			
d.			

2. List what actions have been taken to improve the course (based on previous CR, surveys, independent opinion, or course evaluation).

3. Action Plan for Improvement for Next Semester/Year				
Actions Recommended	Intended Action Points and Process	Start Date	Completion Date	Person Responsible
a. Gap between up-to-date information and reference text books	- Give students the formal and theoretical bases in Software Engineering. - Give students more implementation exercises that cover their understanding of the course.	2014	2015	Course coordinator
b.				
c.				
d.				
e.				

Name of Course Instructor: **Dr Zeiad Mohammed El-Saghir Taha Abdoun**

Signature: _____ Date Report Completed: 29/7/1435

Program Coordinator: _____

Signature: _____ Date Received: _____