Kingdom of Saudi Arabia

The National Commission for Academic Accreditation & Assessment

Course REPORT
(CR)

Computer Graphics
CIS 414-Z

Issa Alsmadi

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 Computer Graphics			Code # CIS 414-Z		Section # 271	
2. Name of course instructor Location College of Science in Azulfi						
3. Year and semester to which this report applies. 2nd Semester 1434/1435						
4. Number of students starting the course? 14			Students completing the course? 13			
5. Course components (actual total contact hours and credits per semester):						
	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	30		30			60
Credit	30		15			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
A Survey of Computer Graphics Applications:	**4**	**4**	
Graphics Hardware:	**4**	**4**	
Colors and Grayscales:	**8**	**7**	
Output Primitives and Attributes:	**8**	**8**	
2D and 3D Modeling:	**4**	**4**	
2D Transformations:	**8**	**9**	

3D Transformations:	**4**	**4**	
2D & 3DViewing:	**8**	**7**	
projection	**4**	**4**	
Open gl	**8**	**9**	

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	Students will have an appreciation of the history and evolution of computer graphics, both hardware and software.	Written Exam Homework assignments Lab assignments Class Activities Quizzes	The average of results 70.3 (C) for 14 students.
2	Students will have an understanding of 2D graphics and algorithms including: line drawing, polygon filling, clipping, and transformations. They will be able to implement these concepts.	Written Exam Homework assignments Lab assignments Class Activities Quizzes Observations	
3	Use matrix algebra in computer graphics application.		
4	The students will be exposed to the modern programmable graphics pipelines.		
5	Draw the basic primitives (e.g., point, line, polygons) using OpenGL.	Written Exam Homework assignments Lab assignments Class Activities Quizzes	
6	Apply the 2D transformations and 3D transformations		
7	Explain how simple line and polygon clipping algorithms work.		
8	Produce simple animation using		

	OpenGL.		

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 between student. • Indirected 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
A	1	7.14%	
B	2	14.28%	
C	4	28.57%	
D	6	42.85%	
F	1	7.14	
Denied Entry	0	0	
In Progress	14	100%	
Incomplete	0	0	
Pass	13	92.86%	
Fail	1	7.14	
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 result

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.			
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.				
b.				
c.				
d.				
e.				

Name of Course Instructor: Issa Alsmadi

Signature: _____Issa Alsmadi_____ Date Report Completed: 5/8/1435

Program Coordinator:
Signature: _____ Date Received: 5/8/1435