

ATTACHMENT 2 (g)

Course Report

Kingdom of Saudi Arabia

The National Commission for Academic Accreditation & Assessment

**Course REPORT
(CR)**

**Fundamentals of Information Systems
CSI 224**

Dr. Muhammed Al- Etoum

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	9 / 3/ 1436
College/ Department	College of Science / Department of Computer science and Information		

A. Course Identification and General Information

1. Course title : Fundamentals of Information Systems Section # 146	Code # (CSI-224) (CIS 226)					
2. Name of course instructor Dr. Muhammed Al Etoum	Location Az Zulfi					
3. Year and semester to which this report applies. 1st Semester – 1435/1436						
4. Number of students starting the course? <input type="text" value="16"/>	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	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
1. Introduction to Information Systems: Importance of information systems – Components of information systems - IS Knowledge Framework for Business Professionals - What does IS do for a business? - E-business use - Types of IS - Developing IS Solutions - Ethical	12	12	--

challenges of IT applications - Challenges of IT Careers - Information systems model - IS Activities – Case Studies.			
2. Computer Hardware: Calculating pre-computer - Next wave of computing – Microcomputers - Computer System Categories – How to Choose Computers - Input technologies - Speech Recognition Systems - Storage Trade-Offs - Radio Frequency Identification.	9	9	--
3. Computer Software: Types of software - Application software – System software - Software classifications - Software Suites - Integrated Packages - Software alternatives - Software Licensing - Popular Operating Systems - Other types of system software - Programming Languages - Web Languages - Web Services – Case Studies.	6	6	--
4. Data Resource Management: Fundamental Data Concepts - Database Structures - Relational Operations - Evaluation of Database Structures - Database Development - Types of databases - Extracting Business Knowledge from Data Warehouse (Data Mining) - DBMS Major Functions - Database Interrogation - Database Maintenance - Application Development – Case studies.	9	9	--
5. Telecommunications and Networks: Network Concepts - Trends in Telecommunications - Open Systems - Digital Network Technologies - Business Value of Telecommunication Networks - The Internet - Internet Service Provider - Popular uses of the Internet – Network Types - Telecommunications Media - Wireless Technologies - Telecommunications Processors - Telecommunications Software - Network Topologies - Network Architectures & Protocols - OSI & TCP/IP Models - Transmission Speeds - Switching Alternatives – Case Studies.	9	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	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	Understand theoretical and methodological issues, including psychological and behavior aspects, in organizing information systems.	Written Exam Homework assignments Class Activities Quizzes	The average level is 2.1 for 16 students.
2	Use and apply current technical concepts and practices in the core information technologies of human computer interaction, information management, programming, networking, web systems and technologies.	Written Exam Homework assignments Class Activities Quizzes	
3	Adhere to professional, ethical, legal, security, and social issues and their responsibilities that are related to information systems.	Written Exam Homework assignments Class Activities Quizzes	
4	Function effectively on teams to accomplish a common goal, Communicate effectively with a range of audiences.	Written Exam Homework 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 among students. • Indirect 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	12.5 %	
B+	1	6.25%	
C	3	18.75%	
D+	1	6.25%	
D	3	18.75%	
F	0	0%	
Denied Entry	0	0%	
In Progress	10	62.5%	
Incomplete	4	37.5%	
Pass	10	62.5%	
Fail	0	0%	
Withdrawn	2	12.5%	

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

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

1. Organizational or administrative difficulties encountered (if any)	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)
<p>a. List the most important recommendations for improvement and strengths</p> <p><u>Strengths:</u></p> <ul style="list-style-type: none"> - The course prerequisites are appropriate for the course. - The textbook for this course and the level of the textbook are appropriate for this course. - The computer lab equipped with sufficient number of computers. - The special software packages are available and accessible. - The use of computer well integrated with the course and the computer lab was adequately equipped with well-maintained and updated computers. <p><u>Recommendations for improvement:</u></p> <ul style="list-style-type: none"> - Providing students with more information that form the background for this course. - Encourage students not to delay the beginning of the lecture.
<p>b. Response of instructor or course team to this evaluation</p> <ul style="list-style-type: none"> - More examples are added - An extra exercises and solved problems are added. - Explain the importance of attending a full lecture - Give less important information at the beginning of each lecture
2. Other Evaluation (e.g. by head of department, peer observations, accreditation review, other stakeholders)
<p>a. List the most important recommendations for improvement and strengths</p> <p style="text-align: center;">--</p>
<p>b. Response of instructor or course team to this evaluation</p> <p style="text-align: center;">--</p>

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.	Reasonable results	
b. Some students attend late	- Explain the importance of attending a full lecture - Give less important information at the beginning of each lecture	Reasonable results	
c.			
d.			

<p>2. List what actions have been taken to improve the course (based on previous CR, surveys, independent opinion, or course evaluation).</p> <ul style="list-style-type: none"> - The use of multimedia to enrich the students' information. - Enable students to prepare and make presentations. - Increase related scientific activities.

3. Action Plan for Improvement for Next Semester/Year				
Actions Recommended	Intended Action Points and Process	Start Date	Completion Date	Person Responsible
a. Bridge the gap between up-to-date information and reference text books	- Give students the formal and theoretical bases in Information Systems. - Give students more implementation exercises that cover their understanding of the course.	1435	1436	Course coordinator
b. Overcome the problem of non-attendance of some students at the beginning of the lecture	- Explain the importance of attending a full lecture - Give less important information at the beginning of each lecture	1435	1436	Course coordinator
c.				
d.				
e.				

Name of Course Instructor: Dr Muhammed Al Etoum

Signature: _____ **Date Report Completed:** 9/ 3/ 1436

Program Coordinator: Associate Prof. Yosry Azzam

Signature: _____ **Date Received:** _____