ATTACHMENT 2 (g)

Course Report

Kingdom of Saudi Arabia

The National Commission for Academic Accreditation & Assessment

Course REPORT
(CR)

Computer Networks
(CSI 322)
Dr. Yaser Abdalla

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 Almajmaah university	Date of Course Report 17/3/1436

College/ Department College of Science / Department of Computer science and Information

A. Course Identification and General Information

1. Course title   Computer Network   Code #   CIS 345-Z   Section # 259

2. Name of course instructor Dr. Yaser Abdalla   Location College of Science in Azulfi

3. Year and semester to which this report applies. 1nd Semester 1435/1436

4. Number of students starting the course?   **8**   Students completing the course?   **8**

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

Additional private study/learning hours expected for students per week.

5 hours

The private self-study of my student is crucial for this course. It includes:
- reading carefully the topics in the textbook or reference book,
- browsing the websites concerned with the course,
- solving the exercises that are assigned in each chapter,
- discussing the course topics with the instructor in his office hours,
- watching the online video lectures of other instructors who have presented related topics worldwide.

The total workload of the student in this course is then: 75+ 5 * 15 = 150 work hours.

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B. - Course Delivery

List of Topics	No. of Weeks	Contact Hours
Introduction to Switching Methods, Network Services, Layered Protocol Architecture	**2**	**8**
Physical Layer: Transmission Media, Modulation, Encoding	**1**	**4**
Data Link Layer: Framing, Error Detection and Correction, ARQ Protocols, Data Link Layer Protocols	**2**	**8**
Local Area Networks: Multiple Access Protocols, Local Network Topologies, LAN protocols (CSMA/CD, Token Bus, Token Ring)	**3**	**12**
Network Layer: Packet Switching, Routing Algorithms, Traffic Control	**2**	**8**
TCP/IP Networking: Internet Protocols, Address Resolution, Name Resolution, IP, Transport Protocols: UDP and TCP	**3**	**12**
Application Layer: HTTP server, World-Wide-Web	**2**	**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	Effected Learning Outcomes	Possible Compensating Action
No topics	-	-

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3. Course learning outcome assessment.

	List course learning outcomes	List methods of assessment	Summary analysis of assessment results
1	Understand the main abstract concepts related to the layered communication architecture	Written Exam Homework assignments Lab assignments Class Activities Quizzes	
2	Students will explain the core concepts of the computer network as well as network protocols as OSI and TCP/IP	Written Exam Homework assignments Lab assignments Class Activities Quizzes Observations	The average of results 74.71 (C+) for 8 students.
3	Explain the technology infrastructure and network requirements for local LAN.		
4	Understand the legal, ethical, and managerial requirements of internet usage		
5	Analyze and implement some of the most advanced routing and congestion control algorithms.		
6	Evaluate the performances of computer networks (through mathematical modeling and simulation)	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

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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.

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C. Results

1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Explanation of Distribution of Grades
A+	0	0	
A	2	25%	
B+	1	12.5%	
B	1	12.5%	
C+	1	12.5%	
C	1	12.5%	
D+	2	25%	
D	0	0	
F	0	0	
Denied Entry	0	0	
In Progress	0	0%	
Incomplete	0	0%	
Pass	8	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

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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 Good results The average level is 3.69 for 8 students

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.

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F   Course Evaluation

1   Student evaluation of the course (Attach survey results report) Strengths: - The course is strongly related to the IT labor market. - The course encourages students to work as a team. - The course encourages students to look for advanced technology in IT. - The course prerequisites are appropriate for the course. - The textbook for this course and the level of the textbook are appropriate for this course. Recommendations for improvement: - Providing students with more practical information related to the labor market. - Providing students with more information that form a background for this course. - Encourage students to work as a team to implement real computer networks. - Encourage students not to delay the beginning of the lecture.
a. List the most important recommendations for improvement and strengths - The course team acknowledges these recommendations for improvement.
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

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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. Providing students with more information that form a background in computer science	- More practical examples are added - An extra exercises and solved problems are added.	Reasonable results	
b. Encourage students not to attend lectures late	- Explain the importance of attending a full lecture - Give less important information at the beginning of each lecture	Reasonable results	
c.			
d.			

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

- The use of computer simulation programs to enrich the students' information.
- Enable students to prepare and make presentations.
- Increase related scientific activities.
- 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.

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 software engineering. - Give students more implementation exercises that cover their understanding of the course.	1436	1437	Course coordinator
b. Overcome the problem of attending lectures late.	- Explain the importance of attending a full lecture. - Give less important information at the beginning of each lecture.	1436	1437	Course coordinator
c. Overcome the problem of insufficient background in computer science.	- adding more examples and case studies. - Solving extra exercises.	1436	1437	Course coordinator

Name of Course Instructor: Dr. Yaser Abdalla

Signature: _____ Date Report Completed: : 15/ 03/ 1436_

Program Coordinator: Associate Prof. Yosry Azzam

Signature: _ Yosry Azza **Date Received: _____**

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