



COURSE REPORT (CR)

Najran University
College of Computer Science and Information Systems

Department of Computer Science

Course Name: Computer Security
Course Code: 429CSS-3

Prepared By:

Nyla Khadam

June 2017

For guidance on the completion of this template refer to the NCAAA handbooks or the NCAAA Accreditation System help buttons.

Institution: Najran University	Date of Course Report: June, 2017
College/ Department: College of Computer Science and Information Systems/ Department of Computer Science	

A. Course Identification and General Information

1. Course title: Computer Security	Code # 429CSS-3	Section # 356,357Female				
2. Name of course instructor: Nyla Khadam	Location: New University Campus					
3. Year and semester to which this report applies. 1437-1438 (2016/2017) First Semester						
4. Number of students starting the course?	<input type="text" value="3"/>	Students completing the course? <input type="text" value="3"/>				
<u>Computer Science Department:</u> Started : 6 Students Completing the course:6 Students						
5. Course components (actual total contact hours and credits per semester):						
	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	30	6	30	-	-	66
Credit	2	0	1	-	-	3

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
Introduction to computer security concepts	2	4	N/A
Cryptographic Tools	2	2	

User Authentication	2	2	
Symmetric encryption & message confidentiality	4	4	
Public key cryptography	2	2	
Hash Algorithms	2	2	
Key management & distribution	2	2	
Malicious software	2	2	
Internet security protocols	2	2	
Internet authentication applications	2	2	
Intrusion detection & prevention	2	2	
Firewalls	2	2	
Revision			

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
N/A		

3. Course learning outcome assessment.

Computer Science Students (3 Female Students)

	List course learning outcomes	List methods of assessment	Percentage of Achievements (a student achieves a CLO if he achieves 65% of it)	Summary analysis of assessment results
1	CLO-1: Define the basic concepts and terminologies of computer security	Quiz 1 Mid Term 1 Exam	100%	N/A
2	CLO-2: Describe types of		100%	



	attacks related to computer/network systems and security services.	Mid Term 2 Exam		
3	CLO-3: Distinguish symmetric and asymmetric cryptographic algorithms and their applications.	Mid Term 1 Exam Mid Term 2 Exam Final Lab Exam Final Theory Exam	100%	
4	CLO-4: Classify user and message authentication algorithms and their applications.	Mid Term 1 Exam Final Lab Exam Final Theory Exam	66.67%	
5	CLO-5: Evaluate different types of malicious software, intrusion detection and prevention methods.	Quiz 2 Final Lab Exam Final Theory Exam	66.67%	
6.	CLO-6: Illustrate the security protocols & applications devised for internet.	Mid Term 2 Exam Final Theory Exam	66.67%	

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

Student Attendance must be compulsory as students are not regular in attending classes because of attendance non mandatory. Students were not regular in Lab classes and it effected their performance.

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	
Interactive Lectures		√	

Group Discussions		√	
Lab Demonstrations	√		Students did not show in all Lab sessions because of non-mandatory policy of class attendance and it affected the students' performance in lab exams especially.

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

Computer Science Students

Letter Grade	Number of Students	Student Percentage	Explanation of Distribution of Grades
A	0	0%	95% to 100% (A+ Grade) 90% to 94% (A Grade)
B	0	0%	85% to 89% (B+ Grade) 80% to 84% (B Grade)
C	1	33%	75% to 79% (C+ Grade) 70% to 74% (C Grade)
D	2	67%	65% to 69% (D+ Grade) 60% to 64% (D Grade)
F	0	0%	Below 60 F Grade
Denied Entry	0	0%	
In Progress	0	0%	
Incomplete	0	0%	
Pass	3	100%	
Fail	0	0%	
Withdrawn	0	0%	

2. Analyze special factors (if any) affecting the results
Blended method of teaching and no attendance policy affected the results and as students are not regularly attending the lectures so overall grades are not very good.

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
N/A	

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

Variation	Reason
N/A	N/A

4. Student Grade Achievement Verification (eg. cross-check of grade validity by independent evaluator).

Method(s) of Verification	Conclusion
Course coordinator checks all exams and make sure that they are related to CLOs and appropriate for the course.	The coordinator of the course checked all exams and other related materials related to the course.
A list of staff members have to check the grades of each one of the students in all exams.	The examination Committee assigned one faculty member to recheck the validity of the students' grades. More specifically, she checked the grades of students in all exams.

D. Resources and Facilities

1. Difficulties in access to resources or facilities (if any) Each student must have a hard copy text book.	2. Consequences of any difficulties experienced for student learning in the course. Students are only studying the lecture handouts that are not enough for full understanding.
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E. Administrative Issues

1 Organizational or administrative difficulties encountered (if any) N/A	2. Consequences of any difficulties experienced for student learning in the course. N/A
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F Course Evaluation

1 Student evaluation of the course (Attach survey results report)
a. List the most important recommendations for improvement and strengths N/A
b. Response of instructor or course team to this evaluation N/A
2. Other Evaluation (e.g. by head of department, peer observations, accreditation review, other stakeholders) N/A
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
Lab should focus on Computer Security tools rather than programming by installing licensed computer security tools in labs.	No	N/A	New licensed software cannot be installed in labs.

2. List what actions have been taken to improve the course (based on previous CR, surveys, independent opinion, or course evaluation). Actions Taken: 1. Female section library has been setup inside the college and Students have started using the library books.

3. Action Plan for Improvement for Next Semester/Year				
Actions Recommended	Intended Action Points and Process	Start Date	Completion Date	Person Responsible




هيئة تقويم التعليم
Education Evaluation Commission

Lab should focus on Computer Security tools rather than programming.	Installation of licensed Computer Security tools in Labs	May 2017	Nov 2017	LMC
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Name of Course Instructor: Nyla Khadam

Signature:  Date Report Completed: June 17, 2017

Program Coordinator: Nyla Khadam

Signature:  Date Received: May 17, 2017