



# Annual Course Report

(Selected Topic (4))

## A- Basic Information

- 1 Title and Code Selected Topic (4) – CSE742
- 2 Program(s) on which this course is given CSE
- 3 Academic year / Level of program 4<sup>rd</sup> year / 2<sup>nd</sup> Semester
- 4 Units/Weekly hours

Lecture 3 Tutorial/Practical 1 Total 4

### 5 Names of lecturers contributing to the delivery of the course

Prof. Nawal Ahmed El-Fishawy

**Course coordinator:** Prof. Nawal Ahmed El-Fishawy

**External evaluators:** Prof. Fawzy Torky

## B- Statistical Information

No. of students attending the course: No. 214 100%

No. of students completing the course: No. 209 97.7%

### Results:

Passed: No. 152 71% Failed: No. 57 26.6%

### Grading of successful students:

Excellent: No. 16 7.5% Very Good: No. 27 12.6%

Good: No. 26 12.2% Pass: No. 83 38.8%

## Professional Information

### 1. Course Teaching

Topic	No of hours	Lecture	Tutorial/ Practical	Achieved ILOs
Chapter 1: Protocol fundamentals and operators	4	3	1	A12,a14,b1,b2,c1,c3,d6
Chapter 2: Lower layer protocols Chapter 3: Upper layer protocols Chapter 4: Internet protocols	12	9	3	A14,b8,c7,d7
Chapter 5: High speed network protocols	12	9	3	A12,b15,b16,c11,d8
Chapter 6: Protocols specifications, validation, and verification Chapter 7: Protocols converts, and protocols testers Chapter 8: Protocols performance and measurements	20	16	4	A14,b16,b15,c3,c7,d8,d9
Chapter 9: Security fundamentals Chapter 10: Conventional encryption algorithms	8	6	2	A14,b2,c3,c7,c11,d8,d9
<b>Total sum</b>	<b>56</b>	<b>43</b>	<b>13</b>	

**Topics taught as a percentage of the content specified:**

≥90 % 
70-90 % 
<70%

### 2. Teaching and Learning Methods:

Lectures:   
 Practical Training/ Laboratory:   
 Seminar/Workshop:   
 Class Activity:   
 Case Study:   
 Other Assignments/Homework:

### 3. Student Assessment:

Method of Assessment	Percentage of total
Class tutorial and quizzes:	10 %
Mid-term examination:	20 %
Case study and/or practical exam:	... %
Final – term examination:	70 %
Other types of assessment:	... %
Total	100 %

#### Members of Examination Committee:

Prof. Nawal Ahmed El-Fishawy

#### Role of external evaluator:

The external evaluator was not effectively involved in the student examination assessment in the last academic year.

### 4. Facilities and Teaching Materials:

Totally adequate	<input type="checkbox"/>
Adequate to some extent	<input checked="" type="checkbox"/>
Inadequate	<input type="checkbox"/>

### 5. Administrative Constraints

- Insufficient Tutorial time.

### 6. Student Evaluation of the course:

- Lack of practice problems and exercises

#### Response of Course Team

- An extra exercises and solved problems are added to the Tutorial of the course.

### 7. Comments from external evaluator(s):

Response has not received.

## 8. Action Plan for Academic Year 2011 – 2012

Improvement Field	Weak points	Action required	Person Responsible	Completion Date
Assessment Methods	No feedback of the examination to the students, so exams can not be used for learning.	- Formative exams during the term with a feedback to the students, so these examinations can be used as a method of learning.	- Faculty - Department	2013
Quality of Teaching and Learning	Students attendance at lecture are not very good	- Engagement of students from different academic years to the curriculum development	- Faculty - Department	2013
Learning resources	- there aren't laboratories - The system of maintenance and repair is not flexible enough.	-To acquire a facilities to laboratories - Maintain and repair the present equipments	- University - Faculty	2016
Course content	Still there is a gap between up-to-date information and reference text books	- add more task projects mainly for real world problem solving.	Course coordinator	2014

**Course Coordinator:** Prof. Nawal Ahmed El-Fishawy

**Signature:**

**Date:**     /     /