Menoufia University
Faculty of Electronic Eng.
Department of Computer Sciences and Engineering

جامعة المنوفية
كلية الهندسة الالكترونية بمنوف
قسم هندسة و علوم الحاسبات

Annual Course Report

(Advanced Computer Networks)

A- Basic Information

1. **Title and Code**   **Computer Fundamentals- CSE469**

2. **Program(s) on which this course is given**   CSE

3. **Academic year / Level of program**   4th year / 2nd Semester

4. **Units/Weekly hours**

   Lecture   3   Tutorial/Practical   2   Total   5
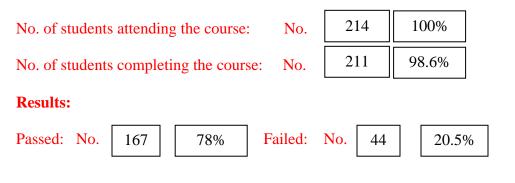
5. **Names of lecturers contributing to the delivery of the course**

   Dr. Ehab Aziz Khalil

   Course coordinator: Dr. Ehab Aziz Khalil

   External evaluators: Prof. Fawzy Tork

B- Statistical Information

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

No. of students completing the course: No. | 211 | 98.6%

Results:

Passed: No. | 167 | 78%   Failed: No. | 44 | 20.5%

Grading of successful students:

Excellent: No. | 10 | 4.7%   Very Good: No. | 18 | 8.4%

Good: No. | 28 | 13.1%   Pass: No. | 111 | 51.9%

Professional Information

1. Course Teaching

Topic	No of hours	Lecture	Tutorial/ Practical	Achieved ILOs
Understanding Networking Concepts and Fundamentals	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
MAC for High Speed Networks	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
Fast Access Technologies	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
Integrated Service Digital Networks	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
TCP/IP	10	6	4	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
TCP/UDP	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
SPX/IPX	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
WWW, e-mails, and DNS	10	6	4	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
Security, Firewalls, Tunnels and Routers	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14,

				d1, d3, d4, d9
Wireless Local Area Networks	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
Quality of Service (QoS)	10	6	4	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
Grid Computing	5	3	2	A1, a2, a3, a8, a13, a16 B2. B3, b8, b15, b16, b20 c1, c2, c3, c14, d1, d3, d4, d9
Total sum	75	45	30	

2. Course Teaching

Topics taught as a percentage of the content specified:

≥90 % [ ]   70-90 % [√]   <70% [ ]

3. Teaching and Learning Methods:

Lectures: [√]

Practical Training/ Laboratory: [ ]

Seminar/Workshop: [ ]

Class Activity: [√]

Case Study: [√]

Other Assignments/Homework: [√]

4. Student Assessment:

Method of Assessment	Percentage of total
Class tutorial and quizzes:	5 %
Mid-term examination:	10 %
Case study and/or practical exam:	10 %
Final – term examination:	70 %
Other types of assessment:	5 %
Total	100 %

Members of Examination Committee:
Dr. Ehab Aziz Khalil

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

5. Facilities and Teaching Materials:

Totally adequate	☐
Adequate to some extent	√
Inadequate	☐

6. Administrative Constraints

- Insufficient class room.

7. Student Evaluation of the course: Response of Course Team

- Lack of practice problems and exercises

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

8. Comments from external evaluator(s):

Response has not received.

9. **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: Dr. Ehab Aziz Khalil
Signature:

Date: /   /