Menoufiya University
Faculty of Electronic Eng.
Department of electronics and
Communications Engineering

جامعة المنوفية
كلية الهندسة الألكترونية

قسم هندسة الألكترونيات والأتصالات
الكهربية

Annual Course Report

(**Communication Networks Planning**)

A- Basic Information

1. **Title and Code**   Computer Networks **EC421**

2. **Programme(s) on which this course is given**   EC

3. **Academic year / Level of programme**   4th year / 1st semester(2012/2013)

4. **Units/Weekly hours**

   Lecture | 3 | Tutorial/Practical | 2 | Total | 5 |

5- **Names of lecturers contributing to the delivery of the course**

   i- **Dr. Mohammed Abd-Elnaby**.

   Course coordinator: Dr. Mohammed Abd-Elnaby.
   External evaluators:

B- Statistical Information

No. of students attending the course: No. | 334 | % | 100 |

No. of students completing the course: No. | 327 | % | 97.9 |

Results:

Passed: No. | 324 | % | 99.08 | Failed: No. | 3 | % | 0.92 |

Grading of successful students:

Excellent: No. | 179 | % | 54.7 | Very Good: No. | 70 | % | 21.41 |

Good: No. | 46 | % | 14.07 | Pass: No. | 29 | % | 8.87 |

C- Professional Information

1. Course Teaching

Content Topics	No of hours	lecture	Tutorial/ practical	Achieved ILOS
Overview of Computer Networks	10	6	4	A1, B1, C1,D1
Data transmission	15	9	6	A1,a2, B1,b2, C1,c12,D1
LAN Topology	10	6	4	A2,a8, B2,b3,b5 C1,c12,D1, d5
LAN Protocols	10	6	4	A2,a8, B3,b5,b12 C1,c12,D2,d5, d6
OSI Protocol- Internet- Network Security	15	9	6	A2,a8,a17, B3,b5,b12, C12,c17,d5,d6, d9
ISDN-ATM Network	5	3	2	A2,a8,a17, B5,b12, C12,c17,d5,d6, d9
SUM	65	39	26	

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: [√]

Case Study
   Other assignments/homework:
      A real world project assigned.

3. **Student Assessment:**

Method of Assessment	Percentage of total
Written examination	70
Midterm exams	15
Oral Examination	0
Practical/laboratory work	0
Other Assignments/class work	15
Total	100 %

Members of Examination Committee:
Prof.
Prof.
Prof.

Role of external evaluator:

4. **Facilities and Teaching Materials:**

Totally adequate	√
Adequate to some extent	
Inadequate	

5. **Administrative Constraints**

- Students need extra hours………………...
- Insufficient class rooms and halls.
- Insufficient assistant staff members.
- Insufficient Lab. Technicians.

6. **Student Evaluation of the course: Response of Course Team**

- Insufficient background in data networks   -
- Lack of Software Programs   -
- Algorithms………...   -

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

8. Course Enhancement:

1- The background part reduced in size
2- more examples and exercises given
3- Several references added

9. Action Plan for Academic Year 2011 – 2012

Improvement Field	Weak points	Action required	Person Responsible	Completion Date
Assessment Methods	Good	-	- Faculty - Department	2012
Quality of Teaching and Learning	Good	-	- Faculty - Department	2012
Learning resources	Not enough	Several up to date references are required	Course Coordinator	2012
Course content	1-The contents of this course needs more time than the time devoted to it. 2- some of time devoted to explain the Packet switched networks 3- examples and exercises are small	1- The background part should be reduced in size 2- more examples and exercises should be given.	Course Coordinator	2011

Course Coordinator: Dr. Mohammed Abd-Elnaby.

Authorized by Department Council in :

Authorized by Faculty Council in:

Head of Department:
  Prof.

   Date: /   /