



Annual Course Report

(Communications Engineering)

A- Basic Information

- 1 Title and Code Communications Engineering EC 221
- 2 Programme(s) on which this course is given EC
- 3 Academic year / Level of programme 2nd Year/1st semester
- 4 Units/Weekly hours
- Lecture Tutorial/Practical Total
- 5- Names of lecturers contributing to the delivery of the course
Dr. Abdel Azez Taha Shalaby
Dr. Abdel Mageed Sharshar

Course coordinator: Dr. Abdel Azez Taha Shalaby
Dr. Abdel Mageed Sharshar

External evaluators:

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

Results:

Passed: No. % Failed: No. %

Grading of successful students:

Excellent: No. % Very Good: No. %

Good: No. % Pass: No. %

C-Professional Information

1. Course Teaching

Content Topics	No of hours	lecture	Tutorial/ practical	Achieved ILOS
Introduction- Communication Systems and Transmission Media	10	6	4	A1, A3, A5, B1, B2, B4, C1, C2, C3, D1, D3, D9
Broadcasting Communication Systems-Basic Telephony Systems	10	6	4	A1,A2, A5, B1, B3, C4, C5, D1, D4,
Computer Communication Systems-Optical Communication Systems	15	9	6	A1, A3, A4, B1, B2, C1, C3, C5, D3, D4
Modern Communication Systems-Pulse Modulation Systems	15	9	6	A1, A2, A5, B1, B2, B3, C1, C4. C5, D1, D3, D9
Radar Systems-Modern Communication systems.	10	6	4	A1, A4, A5, B1, B4, C4, C5 D4, D9
total	60	36	24	

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

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 | - |
| - Lack of | - |
| - Algorithms..... | - |

7. Comments from external evaluator(s):

8. Course Enhancement:

Rather than giving general description of systems, detailed explanation is required.

Continuous modification of this subject to be up to date.

Inclusion of several references

9. Action Plan for Academic Year 2012– 2013

Improvement Field	Weak points	Action required	Person Responsible	Completion Date
Assessment Methods	Good	-	- Faculty - Department	2013
Quality of Teaching and Learning	Good	-	- Faculty - Department	2013
Learning resources	Not enough resources.	Inclusion of several references		2014
Course content	1. The contents of this subject are very intense which makes the students benefit from all topics limited. 2. Some topics may be merged like chapters 13 and 14.	The syllabus should be modified to give some of all this huge number of topics leaving some others to specialized courses.		2014

Course Coordinator: Dr. Abdel Azez Taha Shalaby
Dr. Abdel Mageed Sharshar

Authorized by Department Council in 21/6/2009

Authorized by Faculty Council in 5/7/2009

Head of Department:

Date: / / 2009

