



Annual Course Report

(Advanced Communication Systems)

A- Basic Information

1 Title and Code	Advanced Communication Systems EC428				
2 Programme(s) on which this course is given	EC				
3 Academic year / Level of programme	4 th year / 2 nd Semester(2011/2012)				
4 Units/Weekly hours					
Lecture	<input type="text" value="3"/>	Tutorial/Practical	<input type="text" value="2"/>	Total	<input type="text" value="5"/>

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

i- Assoc. Prof. Dr. Abd El-Naser A. Mohamed

Course coordinator: Assoc. Prof. Dr. Abd El-Naser A. Mohamed

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	Achieve ILOS
Data Network	10	6	4	A1,a3, B1,b7, C1,c6,D1,d3
Spread Spectrum	15	9	6	A3,a4, B7, C6,c13,D3, d6
Radar and Remote Sensing	10	6	4	A4,a8, B7,b12, C1,c13,D3, d9
Satellite Communication	10	6	4	A8,a17, B1,b12, C13,c16,D1,d9
Mobile Communication	10	6	4	A17,a23, B7,b15, B7,b15,D1, d9
Computer Communication	10	6	4	A3, B15, c15,D1,d3, 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

-

- Lack of

-

- Algorithms..... -

7. Comments from external evaluator(s):

8. Course Enhancement:

- 1- Modification of the contents a removal of overlapping.
- 2- Inclusion of up to date topics in wired and wireless communications

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	Several references are required		2013
Course content	1- The course is wholly devoted to optics, in spite of being a general communication systems course. 2- Some topics are overlapping with some other topics in the optical communications course like measurements splices and connectors 3- Advanced topics in wireless communications and wired communications must be also addressed	1- Modification of the contents a removal of overlapping. 2- Inclusion of up to date topics in wired and wireless communications		2012

Course Coordinator: Assoc. Prof. Dr. Abd El-Naser A. Mohamed

Authorized by Department Council in :

Authorized by Faculty Council in:

Head of Department:

Prof.

Date: / /