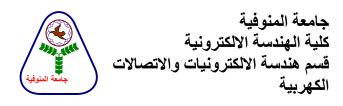
Menoufiya University
Faculty of Electronic Eng.
Department of electronics and
Communications Engineering



Annual Course Report

(Advanced Communication Systems)

A- Basic Information	Advanced Communication Systems
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 3 Tutorial/Practical 2	Total 5
5- Names of lecturers contributing to the delive	ery of the course
i- Assoc. Prof. Dr. Abd El-Naser A. Mohame	ed
Course coordinator: Assoc. Prof. Dr. Abd E	U.S.T. A. 3.6.1. 1
Course coordinator: Assoc. Prof. Dr. Abd E	A-Naser A. Mohamed
External evaluators:	A-Naser A. Mohamed
	A-Naser A. Mohamed
External evaluators:	334 % 100
External evaluators: B- Statistical Information	
External evaluators: B- Statistical Information No. of students attending the course: No.	334 % 100
External evaluators: B- Statistical Information No. of students attending the course: No. No. of students completing the course: No.	334 % 100
External evaluators: B- Statistical Information No. of students attending the course: No. No. of students completing the course: No. Results:	334 % 100 327 % 97.7
External evaluators: B- Statistical Information No. of students attending the course: No. No. of students completing the course: No. Results: Passed: No. 313 % 95.72 Failed: Grading of successful students:	334 % 100 327 % 97.7

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,d
Spread Spectrum	15	9	6	3 A3,a4, B7, C6,c13,D3, d6
Radar and Remote Sensing	10	6	4	A4,a8, B7,b12, C1,c13,D3, d9
Satellite Communicati on	10	6	4	A8,a17, B1,b12, C13,c16,D 1,d9
Mobile Communicati on	10	6	4	A17,a23, B7,b15, B7,b15,D1, d9
Computer Communicati on	10	6	4	A3, B15, c15,D1,d3, d9
sum	65	39	26	

	balli	02	3)	20
	Topics taught as $\geq 90 \%$	s a percentag	ge of the content spe	ecified:
2.	Teaching and I	earning Me	thods:	
	Lectures:		V	
	Practical Train	ining/ Labora	tory: $\sqrt{}$	
	Seminar/Wor	kshop:		
	Class Activit	y:	$\sqrt{}$	

	Case Study:	J
(Other Assignments/Homework: ase Study Other assignments/homework: A real world project assigned. Student Assessment:	J
	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 Comming Prof. Prof. Prof. Prof. Role of external evaluator:	ittee:
4.	Facilities and Teaching Materials:	
••	Totally adequate	J
	Adequate to some extent	
	Inadequate	
5.	Administrative Constraints	
	 Students need extra hours Insufficient class rooms and head insufficient assistant staff med Insufficient Lab. Technicians. 	alls. mbers.
6.	Student Evaluation of the course:	Response of Course Team
- Ir	nsufficient background	-
- I	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: / /