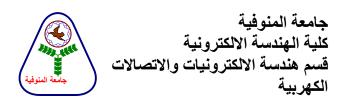
Menoufiya University
Faculty of Electronic Eng.
Department of electronics and
Communications Engineering



Annual Course Report

(Advanced Communication Systems)

1 Title and Code	Advanced Communication Systems
	EC428
2 Programme(s) on which this course is given	
3 Academic year / Level of programme	4 th year / 2 nd Semester
4 Units/Weekly hours	
Lecture 3 Tutorial/Practical 2	Total 5
5- Names of lecturers contributing to the deliv	very of the course
i- Assoc. Prof. Dr. Abd El-Naser A. Moham	ned
Course coordinator: Asses Prof Dr Abd	FL-Nocar A. Mahamad
Course coordinator: Assoc. Prof. Dr. Abd	El-Naser A. Mohamed
Course coordinator: Assoc. Prof. Dr. Abd External evaluators:	El-Naser A. Mohamed
	El-Naser A. Mohamed
External evaluators: B- Statistical Information	
External evaluators:	El-Naser A. Mohamed 359 % 100
External evaluators: B- Statistical Information	
External evaluators: B- Statistical Information No. of students attending the course: No. No. of students completing the course: No.	359 % 100
External evaluators: B- Statistical Information No. of students attending the course: No.	359 % 100
External evaluators: B- Statistical Information No. of students attending the course: No. No. of students completing the course: No.	359 % 100
External evaluators: B- Statistical Information No. of students attending the course: No. No. of students completing the course: No. Results:	359 % 100 352 % 97.7
External evaluators: B- Statistical Information No. of students attending the course: No. No. of students completing the course: No. Results: Passed: No. 347 % 99.47 Failed: Grading of successful students:	359 % 100 352 % 97.7

C- Professional Information

1. Course Teaching

Topic	No of hours	Lecture
 Electromagnetic Waves Spectrum Optical Amplifiers	3	1
Optical Communication NetworksDFB Semiconductor Lasers (VCSELs)	6	2
Optical Testing and MeasurementsOptical Splice and Connectors	6	2
Asynchronous Transfer Mode (ATM)	6	2
• Synchronous Optical Network (SONET) and Synchronous Digital Hierarchy (SDH)	6	2
Wireless Optical Communications Networks	3	1
Satellite optical communication systemsOptical Submarine systems	6	2
Optical Computers Networks	6	2
Total sum	42	14

Topics taught as a percentage of the content specified:

<u>>90 %</u>	√	70-90 %			< 70%
2. Teaching ar	nd Lear	ning Method	ds:		
Lectures:				J	
Practical	Training	g/ Laboratory	<i>y</i> :	J	
Seminar/	Worksho	op:			
Class Act	ivity:			J	
Case Stud	ly:			J	
Other Ass	signmen	ts/Homewor	k:	J	

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 Comm Prof. Prof. Prof. Role of external evaluator:	nittee:
	Role of external evaluator:	
4.	Facilities and Teaching Materials:	
	Totally adequate	V
	Adequate to some extent	
	Inadequate	
5.	Administrative Constraints	
	 Students need extra hours Insufficient class rooms and Insufficient assistant staff m Insufficient Lab. Technician 	halls. embers.
6.	Student Evaluation of the course:	Response of Course Team
- Ir	nsufficient 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 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 references are required		2012
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		2011

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: / /