

جامعة المنوفية كلية الهندسة الألكترونية قسم هندسة الألكترونيات والأتصالات الكهربية

# **Annual Course Report**

(Network Theory)

# **A- Basic Information**

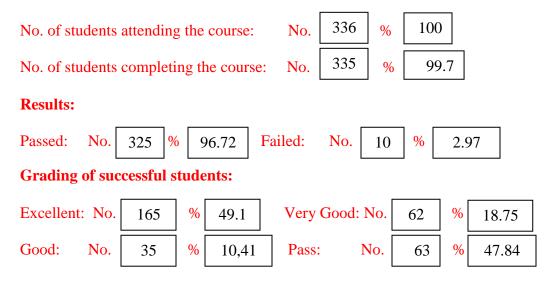
1 Title and Code	Network Theory EC 321
2 Programme(s) on which this course is a	given EC
3 Academic year / Level of programme	3 <sup>rd</sup> year/ 1 <sup>st</sup> Semester
4 Units/Weekly hours	
Lecture 3 Tutorial/Practical	2 Total 5

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

i- Assco. Prof. Mohamed El-Halawany .

Course coordinator: Assco. Prof. Mohamed El-Halawany . External evaluators:

# **B-** Statistical Information



# **C-Professional Information**

# 1. Course Teaching

Content Topics	Week
Network Functions	1-3
Approximation all Pole filters	4-7
Passive Synthesis	9-11
Elements of Active Synthesis	12
Sensitivity.	13-14

#### Topics taught as a percentage of the content specified:



### 2. Teaching and Learning Methods:

Lectures:	$\checkmark$	
Practical Training/ Laboratory:	$\checkmark$	
Seminar/Workshop:		
Class Activity:	$\checkmark$	
Case Study:	$\checkmark$	
Other Assignments/Homework: Case Study Other assignments/homework: A real world project assigned.	1	
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

$\checkmark$	

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#### 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 network

- Lack of computer network software
- Algorithms for internet protocols
- 7. Comments from external evaluator(s):

#### 8. Course Enhancement:

1. Redistribution of the lectures in an balanced manner.

2. Inclusion of up to date topics in this subject

#### 9. Action Plan for Academic Year 2011 – 2012

Improvement	Weak points	Action required	Person	Completion
Field	weak points		Responsible	Date
Assessment Methods	Good	-	- Faculty - Department	2011
Quality of Teaching and Learning	Good	-	- Faculty - Department	2012

Learning resources	Not enough resources	-Inclusion of several references	2011
Course content	<ul> <li>1-Details about the topics in this course are required.</li> <li>2- Several lectures are devoted to topics which don't deserve this large number of lectures like prototype filtering and two port networks.</li> <li>3- A topic like digital filters should be moved to this course.</li> </ul>	<ol> <li>Redistribution of the lectures in an balanced manner.</li> <li>Inclusion of up to date topics in this subject</li> </ol>	2012

## Course Coordinator: Assco. Prof. Mohamed El-Halawany

Authorized by Department Council in :

## Authorized by Faculty Council in:

## Head of Department:

Prof. Saber H. Zainud-Deen

Date: /