



Annual Course Report

(*Electronic Circuits Drafting*)

A- Basic Information

1. Title and Code	Electronic Circuits Drafting EC 125				
2. Programme(s) on which this course is given	EC				
3. Academic year / Level of programme	1st Year/2nd semester (2012/2013)				
4. Units/Weekly hours					
Lecture	<input type="text" value="2"/>	Tutorial/Practical	<input type="text" value="3"/>	Total	<input type="text" value="5"/>

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

i- **Dr. Osama Fawzy Zahran**

Course coordinator: **Dr. Osama Fawzy Zahran**

External evaluators:

B- Statistical Information

No. of students attending the course:	No.	<input type="text" value="826"/>	%	<input type="text" value="100"/>
No. of students completing the course:	No.	<input type="text" value="809"/>	%	<input type="text" value="97.94"/>

Results:

Passed:	No.	<input type="text" value="805"/>	%	<input type="text" value="99.51"/>	Failed:	No.	<input type="text" value="4"/>	%	<input type="text" value="4.49"/>
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Grading of successful students:

Excellent:	No.	<input type="text" value="356"/>	%	<input type="text" value="44.00"/>	Very Good:	No.	<input type="text" value="286"/>	%	<input type="text" value="35.35"/>
Good:	No.	<input type="text" value="121"/>	%	<input type="text" value="14.95"/>	Pass:	No.	<input type="text" value="42"/>	%	<input type="text" value="5.19"/>

C- Professional Information

1. Course Teaching

Content Topics	No of hours	lecture	Tutorial/ practical	Achieved ILOS
Drafting techniques of electronic designs- Symbols of electronic Circuits drafting Assembly and detail drawing	10	4	6	a4,a8,b4,b5,c2, d1,d7
Electron-Component symbols – Schematic - diagram drawing	15	6	9	a8,b4,c3,d1,d9
Wiring and printed circuit board diagrams- Draw Proper Schematic diagrams of pictorial diagrams	10	4	6	a4,b5,c2,c3,d1, d7,d9
Computer-aided-drawing of electronic Components and circuits	15	6	9	a4,a8,b4,b5,c2, d1,d7
Computer-aided-drawing of printed circuit boards	10	4	6	a8,b4,c3,d1,d9
SUM	60	24	36	

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:

- 1- The background part reduced in size
- 2- more examples and exercises given
- 3- Several references added

9. Action Plan for Academic Year 2012 – 2013

Progress on actions identified in the previous year's action plan:

Improvement Field	Weak points	Action required	Person Responsible	Completion Date
Assessment Methods	Good	-	- Faculty - Department	2014
Quality of Teaching and Learning	This subject needs number of experimental equipments and several laboratories	- Arrangement of several laboratories and electronic components.	- Faculty - Department	2013
Learning resources	Several references are required for this course	-		2014
Course content	Very Good			2012

Course Coordinator: Dr. Osama Fawzy Zahran

Authorized by Department Council in : 21/6/2009

Authorized by Faculty Council in: 5/7/2009

Head of Department:

Date: / /2009