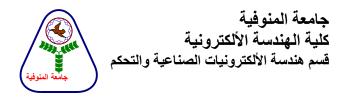
Menoufiya University
Faculty of Electronic Eng.
Department of Industrial Electronics
and Control Engineering

Pass:



# **Annual Course Report**

(Medical electronics)

#### **A- Basic Information**

1	Title and Code	Medical e	lectronics	AC	2350	
2	Programme(s) on which this course is given	AC				
3	Academic year / Level of programme	3 <sup>rd</sup> year/ 2 <sup>nd</sup>	Semester			
4	Units/Weekly hours					
	Lecture 3 Tutorial/Practical 2	Total	5			
5-	Names of lecturers contributing to the delive	ery of the cou	ırse			
	i- Dr. Samir Badawy					
	Course coordinator: Dr. Samir Badawy					
	External evaluators:					
B	- Statistical Information					
	No. of students attending the cours	e: No.	344			
	No. of students completing the cou	rse: No.	341	%	99.13	
	Results:					
	Passed:	No.	322	%	94.43	
	Failed:	No.	19	%	5.57	
	Grading of successful students:					
	Excellent:	No.	27	%	7.92	
	Very Good:	No.	83	%	24.34	
	Good:	No.	81	%	23.75	

No.

131

%

38.42

## **C- Professional Information**

## 1. Course Teaching

Topic	No of hours	Lecturer
Course outline and academic advisor	5	
Ch 1 Introduction to Biomedical instrumentation	5	
Introduction to Biomedical instrumentation cont.	5	
Ch 2 Biomedical Transducers and electrodes	5	
Biomedical Transducers and electrodes cont.	5	
Ch 3 Applications to instrumentations	5	
Applications to instrumentations cont.	5	Dr. S. Badawy
<ul> <li>Ch4 Effects of interference of magnetic fields</li> </ul>	5	DI. S. Bauawy
Effects of interference of magnetic fields cont.	5	
Ch 5 Effects of interference of radio signals on bio signals	5	
Effects of interference of radio signals on bio signals cont.	5	
Ch 6 Method of suppression	5	
Method of suppression cont.	5	
Method of suppression cont.	5	
Total	70	

Method of suppression cont.	5
Total	70
Topics taught as a percentage of the content	
<u>&gt;90 %</u>	<70%
2. Teaching and Learning Methods:  Lectures:	1
Practical Training/ Laboratory:	
Seminar/Workshop:	
Class Activity:	

	Case Study:			
	Other Assignments/Homework: use Study Other assignments/homework:	J		
3.	Student Assessment:			
	Method of Assessment	Percentage of total		
	Written examination	68		
	Midterm exams	16		
	Oral Examination	0		
	Practical/laboratory work	0		
	Other Assignments/class work	16		
	Total	100 %		
	Members of Examination Comming a. Dr. Samir Badawy. b. Prof. Nabila El Rabai c. Prof. Mohamed Ahmed Fkir			
	Role of external evaluator:			
4.	Facilities and Teaching Materials:			
	Totally adequate			
	Adequate to some extent			
	Inadequate			
5.	<b>Administrative Constraints</b>			
	<ul> <li>Insufficient class rooms and halls.</li> <li>Insufficient assistant staff members.</li> <li>The course needs additional Lab.</li> </ul>			
6.	<b>Student Evaluation of the course:</b>	Response of Course Team		
-		-		
7.	Comments from external evaluator(s	s) <b>:</b>		
	Response will be received.			

8. Course Enhancement:

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

This is the first year plan

## 9. Action Plan for Academic Year 2012 – 2013

Improvement Field	Weak points	Action required	Person Responsible	Completion Date
Assessment Methods	No feedback of the examination to the students, so exams can not be used for learning.	- Formative exams during the term with a feedback to the students, so these examinations can be used as a method of learning.	- Faculty - Department	2013
Quality of Teaching and Learning	Students attendance at lecture are not very good	- Engagement of students from different academic years to the curriculum development	- Faculty - Department	2013
Learning resources				
Course content	Gap between up-to-date information and reference text books	- Give students more implementation exercises that cover their understanding of course.	Course coordinator	2013

Course	Coordina	tor: Dr.	S.	<b>Badawy</b>
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**Date:** / /