



Annual Course Report

(Medical electronics)

A- Basic Information

- 1 Title and Code **Medical electronics AC350**
- 2 Programme(s) on which this course is given AC
- 3 Academic year / Level of programme 3rd year/ 2nd Semester
- 4 Units/Weekly hours

Lecture Tutorial/Practical Total

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

i- Dr. Samir Badawy

Course coordinator: Dr. Samir Badawy

External evaluators:

B- Statistical Information

No. of students attending the course: No. 344
No. of students completing the course: 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
Pass: No. 131 % 38.42

C- Professional Information

1. Course Teaching

Topic	No of hours	Lecturer
• Course outline and academic advisor	5	Dr. S. Badawy
• 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	
• Ch4 Effects of interference of magnetic fields	5	
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	

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:

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 Coordinator: Dr. S. Badawy

Signature:

Date: / /