



Annual Course Report

(ACOUSTICS)

A- Basic Information

- 1 Title and Code ACOUSTICS EC 329
2 Programme(s) on which this course is given EC3
3 Academic year / Level of programme 3rd year / 1st Semester
4 Units/Weekly hours

Lecture Tutorial/Practical Total

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

i- *Prof. Abdel-Aziz Ibrahim Mahmoud HASSANIN*

Course coordinator: *Prof. Abdel-Aziz Ibrahim Mahmoud HASSANIN*.

External evaluators:

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

Results:

Passed: No. % Failed: No. %

Grading of successful students:

Excellent: No. % Very Good: No. %

Good: No. % Pass: No. %

C- Professional Information

1. Course Teaching

Content Topics	Week
Vibrations and Waves	1-3
The Acoustic Wave Equations	4-7
Transmission Phenomena	9-10
Radiation and Reception of Acoustic Waves	11-12
Ultrasonic Transducers Loudspeakers-Microphones-Room Acoustics	13-14

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 wave propagation techniques -
- Lack of software programs -
- Algorithms for room acoustics

7. Comments from external evaluator(s):

8. Course Enhancement:

1. Inclusion of these vital topics
2. Inclusion of several references

3. 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	No laboratory for this course in spite of its need for experiments	- A laboratory should be established for this course	- Faculty - Department	2013
Learning resources	No references included	-Inclusion of several references		2011
Course content	Some very important topics like room acoustics and sound processing are missing	Inclusion of these vital topics		2012

Course Coordinator: *Prof. Abdel-Aziz Ibrahim Mahmoud HASSANIN .*

Authorized by Department Council in :

Authorized by Faculty Council in:

Head of Department:

Prof. Saber H. Zainud-Deen

Date: / /