COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	Master of Audiology
(2) Department offering the programme:	ENT/ Audiology unit
(3) Department responsible for teaching the course:	Audiology unit
(4) Part of the programme:	First part
(5) Date of approval by the Department`s council	6-8-2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title:	Electronics
(8) Course code:	AUDI 524 ET
(9) Total teaching hours:	22.5

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

This course aims at providing participants with the knowledge and basic skills related to electronics specialty, as well as motivating them for research and positively changing their attitude to improve the outcome of the educational process.

(2) Intended Learning Outcomes (ILOs):

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

By the end of the study of Master Program in Audiology the Graduate should be able to:

A8	Enumerate hearing aids components
A8a	Explain instrumentation of evoked potentials and otoacoustic emissions
A8b	Recognize impedance probe and types of couplers

2- Intellectual activities (I)

The Postgraduate Degree provides opportunities for candidates to achieve and demonstrate the following intellectual qualities:

B- Intellectual skills

By the end of the study of Master Program in Audiology the Graduate should be able to:

B11	Utilize scientific facts and theories to analyze and interpret practical data.

(3) Course content:

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
Hearing aid components: • Microphones. • Amplifiers. • Receiver	 2 2 2				
Instrumentation of evoked potentials	3				
Otoacoustic emission probe	3				
Room acoustics	2				
Impedence probe	3				
Calibration	0.5				
Transducers	0.5				
Types of Couplers	0.5				
Sound level meter	2				
Audiometers	2				
	22.5				22.5

(4) Teaching methods:

4.1: Lectures

4.2: Lab.spottings

4.3: Assignments

(5) Assessment methods:

5.1: Written Exam Short essay to assess knowledge & intellectual skills

5.2: MCQ Exam Short essay to assess knowledge & intellectual skills

5.3: Structured oral Exam Short essay to assess knowledge & intellectual skills

Assessment schedule:

Assessment 1: Written Exam Week: 16-18
Assessment 2: MCQ Exam Week: 16-18
Assessment 2: Structured oral Exam Week 18-20

Percentage of each Assessment to the total mark:

Written exam: 96 degrees
MCQ exam: 24 degrees
Structured oral exam: 80 degrees

(6) References of the course:

6.1: **Hand books:** Fundamental of hearing.

6.2: **Text books:** Bases of hearing science.

6.3: **Journals:** American Journal of Audiology

6.4: **Websites:**

- Audiology online
- ASHA
- ANSI

(7) Facilities and resources mandatory for course completion:

1. Teaching places (teaching class, teaching halls, teaching laboratory).

2. Teaching tools: including screens, computers including CD, data show, projectors, flip charts, white boards, video player, digital video camera, scanner, copier and laser printers.

Course coordinator:

Head of the department:

Date:

P.S. This specification must be done for each course.