



## COURSE SPECIFICATION

### **Audiology of Phoniatic disorders**

Faculty of Medicine– Mansoura University

#### **(A) Administrative information**

(1) Programme offering the course.	Postgraduate Master degree of Phoniatics/ PHON 500
(2) Department offering the programme.	Otorhinolaryngology Department
(3) Department responsible for teaching the course.	Otorhinolaryngology Department – Audiology unit
(4) Part of the programme.	Second part
(5) Date of approval by the Department's council	15/5/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Audiology of Phoniatic disorders
(8) Course code.	PHON 524 AUD
(9) Total teaching hours.	30hours/15weeks

## **(B) Professional information**

### **(1) Course Aims:**

The broad aims of the course are as follows.

The course covers the information needed for audiological evaluations of hearing impaired children (types of impairment, audiological tests available) and the organization of the rehabilitation plans (hearing aids, assistive listening devices, Cochlear implants..).

### **(2) Intended Learning Outcomes (ILOs):**

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

#### **A- Knowledge and Understanding**

**A14.** Acquire the basic knowledge for interpreting a basic and computerized audiological report.

#### **B- Intellectual skills :**

**B2.** Collects complete, clear and organized information about the patient's ailments in order to be able to analyze it and formulate a preliminary idea concerning the etiological diagnosis of ailments.

**B4.** Analyses and relates the results of all different items of the battery of investigations in order to reach at an etiological diagnosis and possible differential diagnosis utilizing his/her theoretical background that draws charts for different groups of ailments in the field of phoniatics.

**B10.** Grasps the principles of language rehabilitation for the hearing impaired patient in order to include it efficiently in the comprehensive program for rehabilitation of the hearing handicapped.

### (3) Course content:

Subjects	Lectures	Clin/ Lab	Field	Total Teaching Hours
1- Basic evaluation: Principles and objectives (Pure-tone audiometry, speech audiometry and immittancemetry).	2×4 lectures			8 hours
2- Special test battery: Rationale and candidates.	2×3 lectures	-----	-----	6 hours
3- High level of testing: Objectives and principles (Auditory evoked potentials, otoacoustic emission, central auditory testing).	2×3 lectures	-----	-----	6 hours
4- Audiological evaluation of hearing impaired infants and young children.	2×2 lectures			4hours
5- Amplification (Hearing aids, cochlear implants..) and rehabilitation (introduction) .	2×3 lectures			6 hours

### (4) Teaching methods:

4.1: Lectures

4.2: Power point presentation

### (5) Assessment methods:

5.1. Written exam for assessment of A14, D2 -5 (after 30 months from the date of registration to the degree).

5.2. Oral exam for assessment of A14, D2 -5

5.3. MCQ continuous assessment at the end of the semester.

### (6) Percentage of each assessment to the total mark:

6.1. Written exam: 75 marks (including 15 marks MCQ).

6.2 Oral exam: 25 marks.

### (7) References of the course:

7.1 Jack Katz , Larry Medwetsky, Robert Burkard, and Linda Hood (2009): Handbook of Clinical Audiology, North American Edition. Point Lippincott Williams & Wilkins.

7.2. Frederick N. Martin and John Greer Clark (2006): Introduction to Audiology (9th edn) ; Allyn & Bacon / Pearson Education.

### (8) Facilities and resources mandatory for course completion:

Lecture halls and data show.

Course coordinator: Prof. Dr. Tamer Samir Abou-Elsaad