



## COURSE SPECIFICATION

### Phonetics and Linguistics

Faculty of Medicine– Mansoura University

#### (A) Administrative information

(1) Programme offering the course.	Postgraduate Master degree of Phoniatrics/ PHON 500
(2) Department offering the programme.	Otorhinolaryngology Department
(3) Department responsible for teaching the course.	Otorhinolaryngology Department – Phoniatric unit
(4) Part of the programme.	First 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.	Phonetics and Linguistics
(8) Course code.	PHON 524 PL
(9) Total teaching hours.	15hours/15weeks

## **(B) Professional information**

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

The broad aims of the course are as follows.

To know the principles of phonetics and linguistics that related to verbal communication in order to apply them in the management of the patients with communication disorders and to carry out research work.

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

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

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

**A.** Comprehend the principles of acoustic phonetics, articulatory phonetics and linguistics that form the basics of verbal communication.

**A.** Identify the stages of language development in children concerning phonology, syntax, semantics and pragmatics.

#### **B- Intellectual skills .**

**B3.** Analyses the speech (verbal) message of the patient concerning voice, phonology, semantic, syntax, and morphology in order to be able to describe precisely the type and degree of pathological aspects of communication.

**(3) Course content:**

Subjects	Lectures	Clin/ Lab	Field	Total Teaching Hours
<b><u>I. Phonetics:</u></b>				
<b>A. Articulatory Phonetics:</b> - Articulators. - Speech sounds (Consonants, Vowels). - Phonemes, syllable. - Prosody. - Distinctive Features. - The international phonetic alphabet and symbols to imply for variations in the production of different sounds.	1×2 lectures	-----	-----	2 hours
<b>B. Acoustic Phonetics :</b> - Sound and sound wave. - Pure tone and complex tones. - Characteristics of sound [Frequency (Pitch), Amplitude (Loudness), Quality] - Wave Analysis. - Spectrum analysis. - Resonance of the vocal tract. - Hearing range and reference levels. - Acoustic Theory of vowel production. - Formant Frequencies.	1×2lectures	-----	-----	2 hours
<b><u>II. Linguistics:</u></b>				
1- Language, communication and cognition.	1×1 lectures	-----	-----	1 hour
2- Cognitive Development.	1×1 lectures	-----	-----	1 hour
3- Language and Thought.	1×1 lectures	-----	-----	1hour
4- Language Structure: • Phonology. • Syntax and morphology. • Semantics • Pragmatics.	1x3 hours			3hours
5- Language Development: • Phonological Development. • Syntactic Development. • Semantic Development. • Pragmatic Development.	1x4 hours			4 hours
6- Pre-requisites of normal language Development.	1×1 lectures			1 hour

**(4) Teaching methods:**

4.1. Lectures

4.2. Power point presentation

**(5) Assessment methods:**

5.1. Written/oral exam for assessment of A10 and B3. (after 6 months from the date of registration to the degree).

5.2 MCQ continuous assessment at the end of the semester.

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

6.1. Written exam. 120 marks (including 24 marks MCQ).

6.2 Oral exam. 80 marks.

**(7) References of the course:**

7.1. R.J. BAKEN and ROBERT F. ORLIKOFF (2000): Clinical Measurements of Speech and Voice, Second edition, Singular Publishing Group.

7.2 Ladefoged P (2006): A Course in Phonetics, 5th ed. Fort Worth: Harcourt College.

7.3. Wafi W. (1980): Problems Facing Normal Child Language Development. Msc dissertation in phoniatics, Faculty of medicine, Ain Shams university.

**(8) Facilities and resources mandatory for course completion.**

Lecture halls and data show.

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