



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Program offering the course.	Postgraduate degree of Master degree in ENT
(2) Department offering the program.	Otorhinolaryngology – Head & Neck Surgery department, Mansoura University
(3) Department responsible for teaching the course.	Public Health & Preventive Medicine department, Mansoura University
(4) Part of the program.	First part
(5) Date of approval by the Department`s council	14/5/2016
(6) Date of last approval of program specification by Faculty council	9/8/2016
(7) Course title.	Medical statistics
(8) Course code.	ENT 518
(9) Total teaching hours.	4.5 hours

(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)

- 1-Awareness of medical statistics in relation to otorhinolaryngology
- 2-Establishment of systematic approach for analysis of medical statistics in ENT

(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

- A 1- Discuss calculation of sample size for medical studies
- A 2- Explain Observational studies (descriptive and analytical studies) and Experimental studies
- A 3- Describe Types of variables and descriptive statistics
- A 4- Discuss inferential statistics: parametric and nonparametric tests and correlation regression

B- Intellectual skills

- B 1- Use different types of statistical tests and study designs.
- B 2- Analyze types of variables.

(3) Course content: 5 hours in 20 weeks

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
Calculation of sample size for medical studies	0.5				0.5
Observational studies: descriptive and analytical studies	1				1
Experimental studies	1				1
Types of variables and descriptive statistics	1				1
Inferential statistics: parametric and nonparametric tests and correlation regression	1				1

(4) Teaching methods:

- 4.1 Lectures
- 4.2
- 4.3:
- 4.4:

(5) Assessment methods:

- 5.1: Written exam for assessment of knowledge and intellectual skills.
- 5.2: MCQ exam for assessment of knowledge and intellectual skills.
- 5.3: Oral exam for assessment of knowledge and intellectual skills.

Assessment schedule:

- Assessment 1.....week/month:.....
- Assessment 2.....week/month:.....
- Assessment 3.....week/month:.....
- Assessment 4.....week/month:.....

Percentage of each Assessment to the total mark.

Written exam 36 (48%)

MCQ: 9 (12%)

Oral exam 30 (40%)

Clinical exam.....%:.....

practical exam%:.....

Other assessment without marks.

(6) References of the course:

- 6.1: Hand books.....
- 6.2: Text books
- 6.1: Websites:
- 6.1: Others.....

(7) Facilities and resources mandatory for course completion:

Candidates and their learning are supported in a number of ways:

- Induction course introducing study skills
- Candidates logbook
- Program Specification and Handbooks
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material
- MSc/MD Dissertation Supervisor

Course coordinator: **Professor: Asser Abdelraoof Elsharkawy**

Head of the department: **Professor: Ahmed Ali Eldegwi**

Date:

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