



COURSE SPECIFICATION

MSc Pediatrics –First part

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	MSc Pediatrics (PED 500)
(2) Department offering the programme.	Pediatrics
(3) Department responsible for teaching the course.	Community Medicine
(4) Part of the programme.	First Part –Epidemiology & Medical Statistics
(5) Date of approval by the Department`s council	27/4/2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Epidemiology & Medical Statistics
(8) Course code.	PED 518
(9) Total teaching hours.	15 hrs
(10) Credit hours	1 hour

(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)

provide knowledge and understanding of epidemiology of common communicable diseases, research methodologies, ethics and principles of medical statistics.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A3.1 Describe epidemiology of common communicable diseases such as; respiratory, food borne or zoonotic diseases.

A3.2 Discuss the principles of research methodologies, ethics of research.

A 3.3. Discuss the principles of statistics and tests used to express the significance of medical data.

A3.4 Specify causes of acute diarrhea and management of dehydration.

A4.5 List types, indications, contraindications and time schedule of different vaccines.

B- Intellectual skills

B1 Formulation of research questions that is pertinent to medicine.

B2. Recognition of the importance of precision in collecting, analyzing and interpreting medical data.

B3. Implement ethics of research in research design.

(3) Course content.

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
Statistics and epidemiological methods	√				2
Introduction of community medicine	√				2
General epidemiology	√				2
Bacterial diseases	√				3
Viral diseases	√				3
Vaccination	√				1
Acute diarrheal diseases, oral rehydration therapy	√				2

(4) Teaching methods.

- 4.1.....Lectures.....
- 4.2:
- 4.3:
- 4.4:

(5) Assessment methods.

- 5.1....Written..... for assessment of.....(knowledge, intellectual skills)
- 5.2....Oral..... for assessment of.....(knowledge, intellectual,
- 5.3 MCQ for assessment of.....(knowledge, intellectual,)

Assessment schedule. Semester & Final Exam

Percentage of Assessment to the total mark. 150 marks (7.14% of total)

Written exam:.....72 marks.....
Structured Oral exam:.....60 marks.....
Semester MCQ:...18 marks..... Other types of
assessment.....%.....
Other assessment without marks: No

(6) References of the course.

6.1: Hand books:...Book notes of community department.....
6.2: Text books:...Kamel's Research –Kamel's Statistics
3: Journals:.....
6.1: Websites:.....
6.1: Others:.....

(7) Facilities and resources mandatory for course completion.

– Lecture hall and data show

Course coordinator: Prof. Othman E. Soliman

Head of the department: Prof. Youssef Al-Tonbary

Date: