



COURSE SPECIFICATION
Faculty of Medicine- Mansoura University

(A) Administrative information

Program offering the course:	Master Science Degree of Family Medicine
Department offering the program:	Public health & community medicine + Obstetrics & Gynecology + Psychiatry + General medicine+ General surgery + Pediatric departments & others
Department responsible for teaching the course:	Public health & community medicine department
Part of the program:	First Part
Date of approval by the Department's council	27/3/2016
Date of last approval of program specification by Faculty council	9/8/2016
Course title:	Principles of Public health & community medicine & Research Methodology
Course code:	FAM518
Credit hours	1 Cr. hours
Total teaching Credit hours:	15 hours

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

To support acquisition of basic knowledge of public health & community medicine & practical skills in Research Methodology.

(2) Intended Learning Outcomes (ILOs):

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

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

A- Knowledge & Understanding

- A1: Recognize Public health & preventive medicine as a distinct clinical medical specialty.
- A2: Define environment & its health hazards and define health hazards associated with water & food.
- A3: Enumerate the basic principles of PHC Program and Health Sector reform in Egypt.
- A5: Recognize Role of family physician in school health & vaccination (EPI).
- A6: Explain how to conduct research work and how to use Medical Biostatistics.
- A7-Define foundation of quality Assurance in Health care
- A8-Recognize role of family physician towards international travelers
- A9- Recognize how to reach to a community diagnosis of a health related problem

2- Intellectual activities (I)

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

B- Intellectual skills

- B1: Illustrate functions of family physician in PHC.
- B2: Design health services program to scholar & faculty students.
- B3: Construct health advices to international travelers.
- B4: Select suitable epidemiologic methods to solve public health problems.
- B5: Apply suitable statistical tests for analysis of data sets.
- B6-Apply principles of quality to improve service delivery as a family physician

(3) Course Content:

Topic	Lectures	Practical	Field	Total Teaching Hours
<ul style="list-style-type: none">• PHC: Definition, elements, components & types of PHC.• Indicators of monitoring/evaluation• Health reform strategy & services provided within BBP• Health insurance• School health	2	non	non	15
Principles of infection control	1			
Epidemiology of common problems (life cycle approach)	2			
Principles of research methodology: <ul style="list-style-type: none">• Observational studies• Experimental studies• Screening• Investigation of an epidemic.• Vital rates Principles of Statistics: <ul style="list-style-type: none">• Descriptive statistics• Inferential statistics.	6			
QA in family medicine	2			
international travelers health	1			
Environmental health (water & food sanitation)	1			

(4) Teaching methods:

1. Lectures
2. Seminars
3. Workshops

(5) Assessment methods:

1. Written exam for assessment of knowledge & intellectual ILOs
2. Oral exam for assessment of knowledge & intellectual ILOs
3. MCQ exam for assessment of intellectual ILOs

Assessment schedule:

Assessment 1: MCQ at the end of semester

Assessment 2: Written exam after 6 months of the start of the course.

Assessment 3: Oral exam 6 months of the start of the course.

Percentage of each Assessment to the total mark:

Written: 100 Marks (including 20% MCQ): 80 marks written + 20 marks MCQs.

Oral: 50 Marks

(6) References of the course:

1. Handouts of lectures & handbooks authorized by the department.

2. Text books:

Text book of Public Health, Maxcy Roseneau (Wallace, 14th ed).

Text book of Family medicine, 3rd ed, Ian R McWhinney & Thomas Freeman

3. **Journals:** Publications of national & international public health & preventive medicine.

4. **Websites:** <http://WWW.who.org.int>

<http://www.cdc.gov>

(7) Facilities & resources mandatory for course completion:

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

- Induction course introducing study skills
- Candidates logbook
- Program Specification & Handbooks
- Extensive library & other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material

Course coordinator: Prof. Nadia Montaser

Head of the department: Prof. Dr. Mohamed Azmy Khafagy.

Date: 27 / 3 /2016