



## COURSE SPECIFICATION

### Faculty of Medicine- Mansoura University

#### (A) Administrative information

(1) Program offering the course:	Master Degree of Public Health & Preventive Medicine
(2) Department offering the program:	Public Health & Community Medicine Department
(3) Department responsible for teaching the course:	Public Health & Community Medicine Department
(4) Part of the program:	First Part
(5) Date of approval by the Department`s council	27/3/2016
(6) Date of last approval of program specification by Faculty council	
(7) Course title:	Principles of Public Health & Preventive Medicine
(8) Course code:	PHPM 518 PPH
(9) Credit hours	1 hour per week
(10) Total teaching hours:	15 hours

## **(B) Professional information**

**(1) Course Aims:** The broad aims of the course are as follows:

1. To support acquisition of basic knowledge of epidemiology & preventive medicine.
2. Prepare a community-oriented public health specialist capable of anticipating & responding to community health needs within the primary health care (PHC) setting according to the policies, regulations, & guidelines of the MOHP.
3. To help students in detection & investigation of important public health problems (communicable, non-communicable & nutrition).

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

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

#### **A- Knowledge & Understanding**

**A1:** Define health & disease

**A2:** Describe the spectrum of health

**A3:** Explain the interacting ecological factors: agent, host, & environment.

**A4:** Describe determinants of health on the individual, family, & community levels

**A5:** Define public health & community medicine

**A6:** List at least five essential public health functions

**A7:** Define patterns of care, & describe the levels of preventive care

**A8:** Identify different healthcare programs.

**A9:** Discuss social & behavioral determinants of health & disease.

**A10:** Explain environmental variables affecting health & disease.

**A11:** Recognize healthcare system management concepts & functions in the context of quality assurance.

#### **2- Intellectual activities (I)**

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

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

**B1:** Adopt the principles of public health & preventive medicine to various health problems.

**B2:** Detect resources required for prevention & control program implementation.

**B3:** Test effectiveness of health program implemented to certain health problem.

**B4:** Differentiate various healthcare levels (primary, secondary, tertiary).

### (3) Course content:

Subjects	Lectures	Practical	Field	Total Teaching Hours
1. Domains of public Health & General concepts	1			1
2. Health & Disease; definition & historical background	1			1
3. Health dimension; physical, mental, social & spiritual	1			1
4. Spectrum of health & style of life	1			1
5. Key Glossary & Definitions in public health	1			1
6. Health determinants & risk factors	1			1
7. Ecology, ecosystem & ecological factors; epidemiologic triad	1			1
8. Public Health functions & Community Medicine terminology	1			1
9. pattern of health care ; preventive , curative & palliative care	1			1
10. Health promotion; concept of screening & level of care	1			1
11. Quality of life & standards of health	1			1
12. Medical Ethics	1			1
13. Health informatics	1			1
14. Disease Burden	1			1

### (4) Teaching methods:

1. Lectures
2. Seminars
3. Conferences
4. SDL
5. Tutorial
6. Workshops

### (5) Assessment methods:

1. MCQ Examination (for assessment of knowledge & intellectual skills)
2. Written Examination (for assessment of knowledge & intellectual skills)
3. Oral examination (for assessment of knowledge, intellectual skills & Transferable skills)
4. Log book.

### Assessment schedule:

MCQ exam: 12 marks

Written exam: 48 marks

Oral exam: 40 marks

Other assessment without marks: seminars & log book assessment.

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

**1. Hand books:** Course notes: books authorized by department

**2. Text books:**

**Public Health & Preventive Medicine**, Wallace/Maxcy-Rosenau-Last, the McGraw-Hill Companies, Inc., 2008.

**Text Book of Public Health & Community Medicine**, Department of Community Medicine, AFMC, Pune in Collaboration with WHO, India Office, New Delhi, Gayo Enterprises, 2009.

**3. Journals:** Publications of national & international public health organization; EMOHP, WHO, CDC & APHA

**4. Websites:**

**Center of Disease Control Web site;** <http://www.cdc.gov>

**Epidemiology web site;** <http://www.epidemiolog.net/>

**The blue book, Guidelines for the control of infectious diseases**, State of Victoria, Department of Human Services 2005. Available at [www.health.vic.gov.au/ideas/bluebook](http://www.health.vic.gov.au/ideas/bluebook)

**World Health organization web site;** <http://www.who.int/>

**(7) Facilities & resources mandatory for course completion:**

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

- Lecture rooms: available in the department
- Computer Lab: available in the department with a wide range of software
- Induction course introducing study skills
- Candidates logbook
- Program Specification & Handbooks
- Extensive library & other learning resources
- Intranet with a wide range of learning support material

**Course coordinator: Prof. Dr. Mohamed Azmy Khafagy**

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

**Date: 27/3/2016**