



COURSE SPECIFICATION

Epidemiology & Public Health

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Master degree in Public Health and Preventive Medicine programme
(2) Department offering the programme.	Public Health and Preventive Medicine Department
(3) Department responsible for teaching the course.	Public Health and Preventive Medicine Department
(4) Part of the programme.	First part
(5) Date of approval by the Department's council	7/8/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Public Health and Preventive Medicine Department (Basic level I)
(8) Course code.	MIC 518
(9) Credit hours	1 hour lectures– 1 hour practical
(10) Total teaching hours.	15 hr lectures–30 hours ppractical

(B) Professional information

(1) Course Aims

Provide the candidates to

- Influence the candidates to adopt a healthy lifestyle and sound behaviors to become role models for the individuals, families, and the communities they will serve in the future.
- Develop of an outstanding, honorable practitioner, capable of providing international standards of medical care and following medical ethic
- Advance of the knowledge base of medicine by developing and encouraging scientific research
- Promote of outstanding programs of medical care to serve society and to promote environmental development
- Prepare a community-oriented physician capable of anticipating and responding to community health needs within the primary health care (PHC) setting according to the policies, regulations, and guidelines of the MOHP.

Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A1	Describe the epidemiology and determinants of communicable and non communicable life threatening illnesses affecting the body and each of its major organ systems, presenting throughout the age spectrum.
A2	Recognize the prevalent health problems in a community, using various epidemiological strategies
A3	Recognise trends in health and disease.
A4	Recognise the principles of disease surveillance and screening.
A5	Recognise communicable disease control and health promotion
A6	Recognise the epidemiological principles of demography and biological variability

B- Intellectual skills

B.1	. Design prevention and control programmes for communicable and non communicable health problem of special public concern
B.2	Apply risk assessment methodology to diverse of health problems and or injuries, to determine strategies for appropriate response
B.3	Apply research and statistical methods in studying health problems of public concern
B.4	Formulation of research questions that is pertinent to medicine
B.5	Precisely collect, analyze and interpret medical data.

C-Professional/practical skills

C1	Adopt suitable measures for prevention and control of communicable and non communicable diseases.
C2	Utilize communication skills and health education messages in caring of patients And apply appropriate infection prevention practices/ universal precautions

D-Communication & Transferable skills

D1	Use information and communication technology effectively in the field of public health and preventive medicine
D2	Analyze and use numerical data including the use of simple statistical methods and evaluate indicators of health and disease
D3	Work effectively within a team, respect patients, their relatives, senior and other colleagues involved in his teaching and subsequently in his future practice..
D4	. Retrieve, manage, and manipulate information by all means, including electronic means
D5	. Present information related to public health problems clearly in written, electronic and oral forms.
D6	Communicate ideas and arguments effectively.

(2)Course content:

	Lectures	Practical
1.. Principles of communicable diseases	10	
2. Significant communicable diseases	10	10
3. Research & medical statistics	10	20
Total teaching hours	30	

(3)Teaching methods:

- 3.1: Interactive lectures
- 3.2: Case studies.
- 3.3: Problem Solving
- 3.4: Tutorial
- 3.5: Seminars
- 3.6: Workshops

(4)Assessment methods:

4.1-	Written exercises.	To assess	knowledge skills
4.2-	Problem solving.	To assess	intellectual skills
4.3-	Students Presentation.	To assess	Self Learning. understanding.
4.4-	Objective oral examinations	To assess	Knowledge, intellectual
4.5-	Structured practical examinations	To assess	Knowledge, intellectual, practical and transferable ILOS

Assessment schedule:

- after 2 semesters from MS registration (written, oral and practical exam with marks)
- MCQ exam: at the end of each semester

Percentage of each Assessment to the total mark.

- Written exam: 36marks
- OSPE Practical exam: 15 marks
- Structured Oral exam: 15 marks
- MCQ : 9 marks

(5)References of the course:

5.1: Hand books:

Public Health and Community Medicine VOL. 1 & 2

5.2: Text books:

. Maxy-Rosenau-Last Wallace Edition

5.3: Websites:

- www.who.org
- www.cdc.com

(6) Facilities and resources mandatory for course completion.

Lecture hall: equipped with white board, overhead projector, computer, LCD projector, laser pointers, and wireless phones. It is air conditioned.

Halls for students small groups discussion: equipped with white boards.

Computer skill lab.: equipped with 10 computers for the activities of data management

Course coordinator:

Staff members of credit committee of the department

Head of the department: Prof. Dr. Mohammad Abou El ela

Date: