



COURSE SPECIFICATION

MSc Tropical Medicine –First part

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Program offering the course.	MSc Tropical Medicine (TROP 518)
(2) Department offering the programme.	Tropical Medicine
(3) Department responsible for teaching the course.	Public Health and Preventive Medicine Department
(4) Part of the programme.	First Part – Public Health
(5) Date of approval by the Department`s council	27/5/ 2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Public Health
(8) Course code.	TROP 518
(9) Credit hours	1 credit hour
(10) Total teaching hours.	15 hour

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows.

- 1. To acquire basic knowledge of epidemiology and preventive medicine.**
- 2. To help students in detection and investigation of important public health problems (communicable, non communicable and nutrition).**
- 3. To acquire basic knowledge in epidemiological methods and biostatistics.**

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

- A1:** Identify prevalent health problems in the community.
- A2:** Recognize different healthcare programs.
- A3:** Discuss social and behavioral determinants of health and disease.
- A4:** Explain environmental variables affecting health and disease.
- A5:** Describe healthcare system management in Egypt.
- A6:** Discuss advantages and disadvantages of different epidemiologic methods.
- A7:** Describe appropriate statistical tests.
- A8:** Discuss the principles and requirements of screening tests.
- A9:** Recognize different morbidity and mortality indices.

B- Intellectual skills

- B1:** Relate the principles of public health and preventive medicine to various health problems.
- B2:** Determine the suitable epidemiologic strategy for the research problem.
- B3:** Calculate indices of a specific health problem.
- B4:** Measure the association between certain outcome and an exposure
- B5:** Interpret epidemiological findings into recommendations for a specific intervention.
- B6:** Determine resources required for program implementation.
- B7:** Measure effectiveness of a prevention and control program implemented to certain health problem.

(3) Course content:

Subjects	Lectures	Field	Total Teaching Hours
General epidemiology	2		2
Diseases of droplet infection	2		2
Food borne infections	2		2
Arthropod borne diseases	2		2
Contact diseases	2		2
Parasitic diseases	1		1
Infection control measures	1		1
Malnutrition in the tropics and its interrelation with infection	1		1
Medical statistics and research methodology	2		2
TOTAL	15		15

(4) Teaching methods:

4.1:.....Lectures.....

(5) Assessment methods.

5.1....Written exam for assessment of.....(A1 to A9) and (B1 to B8)

5.2....Oral exam for assessment of.....(A1 to A8)

5.3.....MCQ exam for assessment of.....(A1 to A8)

Assessment schedule.

Written exam (60%) 144 marks

MCQ: (20% of written 36 marks

Oral exam: (40%) 120 marks

Other assessment without marks. No

(6) References of the course.

6.1: Hand books.... Essentials of Public Health: L. J. Donaldson, R. J. Donaldson, Public Health & Preventive Medicine: Maxcy – Rosenau- Last, Oxford Handbook of Tropical Medicine.

6.2: Text books.... Communicable Disease Epidemiology and Control: Roger Webber, London School of Hygiene and Tropical Medicine, Manson's Tropical diseases, Hunter Tropical Medicine and Emerging Infectious Diseases.

6.3: Journals.... Journals: Journal of Tropical Medicine and Hygiene, American journal of tropical medicine,

6.4: Websites.... <http://www.dpd.cdc.gov/dpdx>, <http://www.phage.org/black09.htm>,

Others.....

(7) Facilities and resources mandatory for course completion.

- Lecture hall and data show

Course coordinator: Assistant Prof. Mahmoud Abdel-Aziz Abdel-Hamid

Assistant : Dr. Mohamed EL Diasty

Dr. Walaa Shabana

Head of the department: Prof. Mahmoud El-Bendary

Date: