



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of Public Health and Community Medicine  
Course Specifications**

**Public Health and Community Medicine for Chest Master  
Degree**

**CHEST 8004**

**2021-2022**

*Course Specifications: Public Health and Community Medicine for Chest Master Degree, 2021-2022*

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**Public Health and Community Medicine for Chest Master Degree Course Specifications**

**University:** Tanta      **Faculty:** Medicine      **Department:** Public Health *and Community medicine*

**A- Administrative Information**

- **Course title :** Public Health and Community Medicine for Chest Master Degree
- **Code:** CHEST 8004
- **Department offering the course:** Department of Public Health and Community Medicine
- **Departments offering the program:** Chest Diseases
- **Academic year/ Level :**
- **date of approval by faculty council :** 21-8-2019
- **Credit / taught hours:** 2 1/3 credit hour ( lectures, and practical)

**B- Professional Information**

**1 – Overall Course aims**

This part of Master in chest diseases aims to provide post graduate students who intend to pursue careers in chest diseases practice, management and/or research at local, national and/or international levels with knowledge and skills base in the field of public health and tuberculosis in relation to chest diseases.

**2 – Intended learning outcomes (ILOs):**

**a- Knowledge and Understanding:**

By the end of the course, the student should be able to:

- a1 – Recognize knowledge and principles of medical Public Health as related to the area of chest diseases.
- a.2- Recognize program of tuberculosis control in Egypt.
- a.3- Identify the relation between occupational medicine and chest diseases.

**B -Intellectual Skills**

By the end of the course, the student should be able to:

- b.1-Analyse role of preventive aspects of health care system in tuberculosis and chest diseases.

- b.2- analyze epidemiologic features of common respiratory problems.**
- b.3- Integrate the relation between industry and chest diseases.**
- b.4- Interpret methods of prevention of occupational exposure to respiratory hazards.**

**c- Professional and Practical Skills**

**By the end of the course, the student should be able to:**

- c.1 -Design preventive measures for workers.**
- c.2- Interpret tuberculin testing.**
- c.3 -Conduct health education session and communicate efficiently with workers .**
- c.4- Calculate vital indices and identify health problems related to industrial health.**

**d- General and Transferable Skills**

**By the end of the course, the student should be able to:**

- ed.1-Able to take leadership in motivating the community served.**
  - d2- communicate effectively through oral presentations, data processing, analysis and presentations, written reports and scientific publications;
  - d3- use Information and Communications Technology;
  - d.4 - Recognize principles of evidence based learning in problem solving and decision making.
- d.5 -Able to collaborate and behave ethically with colleagues in a team work during class discussion, as well as solving problems**
- d.6 - use language and other communication skills appropriate to the patient culture.**

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درجة الدبلوم في أمراض الصدر  
Diploma of Science in Chest Medicine (CHEST 700)

مجموع الدرجات	الامتحانات				المتاح			المقرر الدراسي	الجزء الأول
	اكليتيكي	شغوى	عملى	تحريرى	عدد الاوراق	النقاط المصنفة	الساعات المصنفة		
50		20		30	1	6	2	CHEST 7001	1. مقرر علمى وعملى فى التشريح والنمو الجنى والهستولوجيا.
50		20		30	1	6	2	CHEST 7002	2. مقرر علمى وعملى فى الفسيولوجيا الطبية والكيمياء الحيوية.
50		20		30	1	6	2	CHEST 7003	3. مقرر علمى وعملى فى الباتولوجيا والفارماكولوجيا.
50		20		30	1	6	2	CHEST 7004	4. مقرر علمى فى الصحة العامة والوبائيات فيما يخص الجهاز التنفسى والتدخين.
100	20	20		60	1	12	4	CHEST 7005	5. مقرر علمى واكلينيكي فى الأمراض الباطنية العامة.
						12	4		مقررات اختيارية.
						4	2		أنشطة علمية.
600	80	80		180	1	18	6	CHEST 7006	مقرران علميان واكلينيكيان فى الأمراض الصدرية والتدخين.
	80			180	1	18	6	CHEST 7007	
						12	4		مقررات اختيارية.
						4	2		أنشطة علمية.
900	180	180		540		104	36		المجموع

### 3- Contents

Topic	Hours for lectures	Hours for Practical
<b>Epidemiology:</b>	<b>5</b>	<b>5</b>
- General epidemiology of communicable diseases.		
- Epidemiology of tuberculosis.		
- Prevention and control of respiratory diseases esp. tuberculosis.		
<b>Occupational health, Communication and health behavior:</b>	<b>5</b>	<b>5</b>
<b>Demography and vital statistics related to chest diseases</b>	<b>15</b>	<b>10</b>
<b>Total</b>	<b>25</b>	<b>20</b>
<b>Topics</b>	<b>No of hours</b>	

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	Lecture	Practical
<b><u>I-General epidemiology:</u></b>	<b>0</b>	
1- Definition and scope of epidemiology	½	
2- Distribution of diseases by person ,place and time	½	
3- Dynamics of disease transmission	1	
4- Levels of prevention	1	
5- Epidemiological data sources	1	
7- Measuring the occurrence of diseases ( morbidity and mortality indices)	1	
8- ( types of epidemiological study) & types of research studies	1	
9- Estimating risk	1	2
10- Screening tests	1	2
11- Survey and surveillance	1	
13- Infection control	1	
14- Role of the environment in chest diseases	1	
<b><u>II-Specific epidemiology:</u></b>	<b>0</b>	
1-Tuberculosis	2	4
3- Corona viruses	2	
3- Influenza ( avian and swine)	2	
4- Bronchial asthma	2	
5- Chronic Obstructive Pulmonary diseases	2	

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<b>III-Occupational health</b>	<b>0</b>	
<b>1- Anthrax</b>	<b>1</b>	
<b>2- Pneumoconiosis &amp; occupational health program</b>	<b>1</b>	<b>4</b>
<b>3- Diseases due to exposure to organic dust</b>	<b>1</b>	<b>4</b>
<b>IV-Communication and health behavior</b>	<b>1</b>	<b>4</b>
<b>Total</b>	<b>25</b>	<b>20</b>

**4-Teaching and learning methods:hybride**

**4.1- Lectures:online**

**4.2 Practical activities(attendance) including:**

<b>Activities</b>	<b>Credit hours</b>
<b>Lectures</b>	<b>2</b>
<b>Others e.g. Seminar; Journal club, Presentation, reports</b>	<b>Extra hours</b>

**5-Student Assessment: may be electronic but inside the faculty(face to face)**

**5.1 Final written examinations: long & short questions to assess from a1- a3, from b1 to b4 and from c1 to c4**

**5.2 Oral examination to assess from a1- a3, from b1 to b4 and from c1 to c4**

**5.3 Log book: to assess from d1 to d6**

**Assessment schedule**

<b>Assessment</b>	<b>Week</b>
<b>1 Final written Examinations ( 3 hours)</b>	<b>At the end of semester</b>
<b>2 Oral Examination</b>	

**Weighing of assessments**

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<b>Final written examination</b>	<b>30 marks</b>
<b>Oral examination</b>	<b>20 marks</b>
<b>Total</b>	<b>50</b>

**7- List of references**

**7.1 Course notes**

Handout of the department

**7.2 Text book**

-Public Health & Preventive Medicine: Maxcy – Rosenau- Last.

**7.3 Recommended books**

- Communicable Disease Epidemiology and Control: Roger Webber, London School of Hygiene and Tropical Medicine
- Essentials of Public Health: L. J. Donaldson, R. J. Donaldson

**7.4 Periodicals and web sites**

EMHJ at [www.WHO.int](http://www.WHO.int)

**8-Other resources/ facilities required for teaching and learning to achieve the above ILOs**

- The general library of the faculty.
- Library of the department.

**9-we certify that all of the information required to deliver this course is contained in the above specifications and will be implemented**

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We verify that the above Course and the analysis of students and external evaluator opinions are accurate.

Course coordinator and head of department  
name.....signature.....Date.....

Head of quality assurance unit:  
name.....signature.....Date.....