

University/Academy: **Mansoura**

Faculty: **Nursing**

Program: **Master Degree in Community Health Nursing**

Department: **Community Health Nursing**

Course specifications

1-Basic Information

Code: MSE11	Course Title: Epidemiology علم الوبائيات	year/level: Master specialty
Specialty: –	Hours: Theory 1 X 32 weeks= 32	

2-Course Objective:

1-Obtain knowledge and skills on the foundation of epidemiological concepts, etiology, and nature of the most prevalent communicable and non communicable diseases and their preventive and control measures.

2-Acquire basic skills of research design and methodology.

3- Intended learning Outcomes (ILOs): By the end of this course the student will be able to:

A-Knowledge and Understanding:

- A1- Discuss different theories of epidemiological science
- A2- Identify the new issues of epidemiology
- A3- Summarize the components and different designs of epidemiological studies
- A4- Discuss the different epidemiological interventional approaches for common health problems
- A5- Identify the principles of epidemiology at health care facilities

B-Intellectual Skills:

- B1-Design action plans for epidemiological problems
- B2- Classify the different indicators according to the outcomes to be assessed

	<p>B3- Formulate research problem</p> <p>B4- Construct research proposal based on choosing appropriate research design and statistical analysis for epidemiological studies.</p> <p>B5- Plan to control and prevent communicable and non communicable diseases according to different situations in the community.</p> <p>B6- Select the proper statistical analysis according to the study design</p>
C-Professional Skills:	-----
D-General and Transferable:	<p>D1- Use information technology in epidemiological studies.</p> <p>D2- Use different informational resources in epidemiological studies.</p> <p>D3- Collaborate with other health care professionals</p>
<p>4- Course Content:</p> <p>1- Introduction to general epidemiology</p> <p>2-Epidemiological feature of communicable diseases</p> <p>3- Epidemiological feature of non communicable diseases</p> <p>4- Surveillance</p> <p>5- Epidemiology at health care facilities</p> <p>6-Research study designs and statistical analysis</p>	
<p>5- Teaching and learning Methods:</p> <p>5.1- Interactive Lectures</p> <p>5.2-Discussion and Brain storming</p> <p>5.3- Project- based learning</p> <p>5.4- Problem- based learning</p>	
<p>6- Teaching and learning Methods of Students with Special need: Not Relevant</p>	
<p>7- Student Assessment Methods:</p>	

A- Assessment Methods	Witten exam
B- Schedule	33 rd week
C- Weighting of Assessments	Final written exam 50 grads (100%)
8- List of references:	
A- Course notes	Not applicable
B- Compulsory Books	-
C-Recommended Books	<p>1-R.Bonita, R Beaglehole & T Kjellstrom, Basic Epidemiology, 2nd ed. World Health organization 2006</p> <p>2- A. Judith, Allender & R. Cherie& D. Kristine, 2010, Community Health nursing Promoting and protecting the public's health, Promoting and protecting the health of aggregates with developmental needs, Private settings for community health nursing, 7th ed,</p> <p>3- Current Concepts Review , Clinical Epidemiology, and Biostatistics: School of Public Health, Boston, Massachusetts 2004</p> <p>4- CLINICAL EPIDEMIOLOGY -- SACKETT 89 (2) 125 -- American Journal of Epidemiology.mht</p> <p>5- A. Loise. Ivanov & L. Carolyn. Blue, 2008, Public health nursing , Leadership, Policy & practice, United state of America, (p, 610- 623).</p> <p>6- S. Patney, 2005, Textbook of community health nursing, Asia printograph.</p> <p>7- A. Frances Marurer & Cladia M. Smith, 2009, Community public health nursing Practice Health for families and populations , 4th ed, Canada.</p>
D- Periodicals, Web Sites,...etc	<p>WWW.WHO.net</p> <p>www.cdc.gov</p>

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