Course Specification

Programme (s) on which the course is given: Baccalaureate degree in nursing science	Major / minor:
Department offering the programme: Faculty of nursing	Department offering the course: Epidemiology department, faculty of medicine.
Academic Year/Level: 4th year/2nd semester	Date of Specification approval / /2022

A-   Basic Information

Title: Epidemiology	Code: Med-411
Credit Hours:-	Lecture: (2h/week) Lab(1hr/week)
Tutorial:	

B-   Professional Information

1- Course Objective:

At the end of the course the student must be able to:

Give students the basic principles for understanding health and disease determinants and methods for measuring the health status of the community.

2- Intended Learning outcomes of course (ILOs)

a- Knowledge and understanding:

a1- A1-Difine disease epidemiology.

a2- Categorize health determinants.

a3-Illustrate biological and genetic factors on health.

a4-Name demographic characteristics of population and explain their influence in health.

a5-List social and traditional habits of different Egyptian populations.

a6-Recall fertility indicators.

a7-Recognize and recall risk factors of common health problems.

a8-Describe health indicators (measurements).

a9- Compare morbidity and mortality indicators.

a10-Recognize various sources of health-related data.

a11-Summarize steps of outbreak investigation.

a12-Distiguish cause of disease and risk factors.

a13-Define the three levels of disease prevention.

a14-Provide examples of control measures for common infectious and non-communicable diseases in Egypt.

b- Intellectual skills:

b1- Apply basic concepts of epidemiology.

b2- Verify the specific determinants of common health conditions, such as infectious and non-communicable diseases and accidents.

b3- Understand the difference between ratio and proportion.

b4- Be able to calculate some Egyptian morbidity and mortality indicators.

b5- Understand the difference between disease incidence and prevalence, and be able to judge the health condition of a community by using health indicators.

b6- Hypothesize the influence of different fertility situations on health conditions.

b7- Plan and carry out a small-scale health survey.

b8- Be able to manage an outbreak investigation.

b9-Formulate simple general preventive messages for common health problems.

b10- Contribute to prevention and immunization campaigns.

c- Professional and Practical skills:

c1- Perform Community Diagnosis

c2- Conduct Social& Health Surveys

d- General and Transferable skills:

d1- Participate actively in different educational activities

d2- Communicate effectively with others

d3- Handle information technology effectively

d4- Lead and motivate teams effectively

d5- Manage time and resources effectively

3-Course Content:

Topic	No. of Hours	Lecture	Tutorial
Basic epidemiological concepts	3	2	1
Concepts of disease occurrence	3	2	1
The determinants of health	3	2	1
Disease prevention and control	3	2	1
Measuring the occurrence of disease	3	2	1
Core epidemiologic functions	3	2	1
Surveillances	3	2	1

4-Teaching and Learning methods

4.1 Lectures

4.2 Online lectures

4.3 Power Point (data show)

5- Student assessment methods

5.1- semester work to assess student comprehension about the course.

5.2-Final electronic exam to assess student knowledge about the course.

5.3-Oral exam to assess student knowledge and understanding about the course.

Assessment schedule
1. Assessment 1: semester work week during the term.
2. Assessment 2: Final electronic exam week during the semester.
3. **Assessment3:** oral exam week at the end of semester.

Weighting of assessments 100 marks

Semester wok	20%
Final – term examination	60%
Oral examination	20%
Total	100%

6- List of references

6.1- Course notes

Complied course notes prepared by teaching staff

6.2- Essential books (text books)

Course Note: handouts given to students part by part of all content

6.3- Recommended books
- Epidemiological and statistical research
- public health journals

6.4- Periodicals, Web sites . etc.

Course Coordinator: **Head of Department:**

د. اسماء عبد العال محمد

Date: /   /

University: Sohag University
Faculty: Faculty of nursing
Department of: Epidemiology department, Faculty of medicine

Course name	Epidemiology
Course code	med -411

Intended Learning outcomes of course

Topic	Number of weeks	Knowledge and understanding	Intellectual skills	Professional skills	General skills
Basic epidemiological concepts.	One week	a1- a14	b1- b10	C1&C2	d1,d2,d3, d4,d5
Concepts of disease occurrence.	One week	a1- a14	b1- b10	C1&C2	d1,d2,d3, d4,d5
The determinants of health.	One week	a1- a14	b1- b10	C1&C2	d1,d2,d3, d4,d5
Disease prevention and control.	One week	a1- a14	b1- b10	C1&C2	d1,d2,d3, d4,d5
Measuring the occurrence of disease.	One week	a1- a14	b1- b10	C1&C2	d1,d2,d3, d4,d5
Core epidemiologic functions.	One week	a1- a14	b1- b10	C1&C2	d1,d2,d3, d4,d5
Surveillence.	One week	a1- a14	b1- b10	C1&C2	d1,d2,d3, d4,d5

Course Coordinator:

Head of Department:

Date: / /