



**KAU**

**KING ABDULAZIZ UNIVERSITY  
ACADEMIC ASSESSMENT UNIT**

# **COURSE PORTFOLIO**

**FACULTY OF APPLIED MEDICAL SCIENCES**

**DEPARTMENT NURSING**

**COURSE NAME: Epidemiology**

**COURSE NUMBER: NUR 453**

**SEMESTER/YEAR: 2<sup>nd</sup> Semester**

**DATE: 2011-2012**

## **PART II**

# **COURSE SYLLABUS**

## ***Instructor Information***

- **Name of the instructor:**
- **Dr Nabeela Al-Abdullah (Course Coordinator)**

Office location: 821/G

Office Hours: Saturday : 12-1 pm

Tuesday : 12-1 pm

Contact numbers: 02-6402000 Ext: 23187

E-mail [nabeela\\_sa@hotmail.com](mailto:nabeela_sa@hotmail.com) or [nabdullah@kau.edu.sa](mailto:nabdullah@kau.edu.sa)

Instructor Profile: Assistant Professor

## Course Information

 **Course name and number:** Epidemiology NUR (453)

 **Course meeting times, places:**

**Lecture Time:**

Day	Time	Location
Wednesday	10-12 pm	Lecture building 8 (room 802/1)

 **Course website address:** <http://www.kau.edu.sa/DRS-0004552.aspx>

 **Course description:**

This course introduce students the basic concepts and theories of epidemiology. Basic measure and analytical methods of epidemiological studies on various communicable and non communicable disease will be addressed in this course.

 **Course prerequisites and requirements:**

- ✓ Basic statistics NUR
- ✓ Research Skills through Internet.
- ✓ Writing Skills.

 **Teaching/learning methods:**

- ✓ Lectures.
- ✓ Class discussions.
- ✓ Small group work
- ✓ Assignment

## **Course Objectives**

### **Upon completion of this course, the student will be able to:**

1. Understand the basic concepts and principles of epidemiology
2. Recognize general principles of prevention and control of diseases
3. Utilize the steps of investigation of disease outbreaks
4. Comprehend the descriptive and analytical epidemiology
5. Evaluate health status in Saudi Arabia through various sources of epidemiological study
6. Comprehend nurse's role in public health and health surveillance and in an outbreak investigation

### **Attendance and Participation:**

- ✓ All students are expected to attend class and to participate in all class activities. The final grade may be raised or lowered at the judgment of the course coordinator on the basis of the students attendance.
- ✓ If a student is unable to be present for an examination due to illness, the course coordinator is to be notified in advance of the examination. Prior to each class, students are expected to have completed the reading assignment for that class.
- ✓ Cell phone usage will be limited to breaks or lunch times. Cell phones need to be on silent mode during clinical time.

## Learning Resources

### Required textbook

Harkness GA 1995 Epidemiology in nursing practice: St. Louis: Mosbey

### Optional text:

Aschengrau A. 2005 Essential of epidemiology in public health

J.M. Last 2006 A dictionary of epidemiology New York: Oxford University press.

### Other information resources

Journal of epidemiology and community health


Am J of epidemiology

Clinical epidemiology

## Course Requirements and Grading


### Grading system:

University grading system. Absence from oral presentation will reduce your grade one quality point.

 Expectations from students: Attitudes, involvement, behaviors, skills, and ethics

 Student responsibilities to the course: as seen in teaching plan.

 Expectations for each assignment and project: each group of student has to submit the assignments on time.

 Important rules of academic conduct

### Methods of evaluation:

Quiz 1	10 %
Quiz 2	10 %
Assignment	20 %
Class work & class presentation	20 %
Final exam	40 %

<b>Teaching plan</b>
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Week	Wednesday date	Topic	
1 <sup>st</sup>	1/2/2012	Introduction to epidemiology Basic principles of epidemiology	
2 <sup>nd</sup>	8/2/2012	Epidemiological measures	
3 <sup>rd</sup>	15/2/2012	Types of epidemiological study Patterns of occurrence	
4 <sup>th</sup>	22/2/2012	Quiz 1	
5 <sup>th</sup>	29/2/2012	Cohort study	
6 <sup>th</sup>	7/3/2012	Case –control study	
7 <sup>th</sup>	14/3/2012	Clinical trials	
8 <sup>th</sup>	21/3/2012	Variability and bias	
9 <sup>th</sup>	28/3/2012	Midterm Holiday	
10 <sup>th</sup>	4/4/2011	Clinical decision-making	
11 <sup>th</sup>	11/4/2012	Interpretation of epidemiological literature	
12 <sup>th</sup>	18/4/2012	Health promotion and health education	
13 <sup>th</sup>	25/4/2012	Clinical decision-making	
14 <sup>th</sup>	2/5/2012	Quiz 2	
15 <sup>th</sup>	9/5/2012	Tutorial and submission assignment	
16 <sup>th</sup>	16/5/2012	Final exam	