

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

<b>Course name</b>	Public Health
<b>Course number</b>	AMSL2208
<b>Faculty</b>	
<b>Department</b>	
<b>Course type</b>	Major Needs
<b>Course level</b>	2
<b>Credit hours (theoretical)</b>	2
<b>Credit hours (practical)</b>	0
<b>Course Prerequisites</b>	

#### Course Objectives

- 1 - The student at end of this course will be familiar with the following :Health definitions ,Basic Health and Disease considerations ,
- 2 - Levels of health ,Measure of Health levels ,Public Health Services
- 3 - The Diseases sequence in developing infection ,Factors affecting Health and Disease
- 4 - Environmental factors (Internal and External environment ) ,Infectious Agent factors
- 5 - Classes infectious factors ,Characteristic of Agent factors ;Pathogenicity, virulence ,resistance
- 6 - Defense mechanism ,Immunity ,Epidemiology ,Prevention ,Control of infectious disease ,Control of Reservoirs ,Contacts of infected case
- 7 - Other Community factors .Health indices ,Types , Sickness ,Prevalence ,Incidence ,Mortality Rates ,Infant mortality rates ,Neonatal ,Post neonatal mortality rate
- 8 - Disease surveillance ,Risk factors .Epidemiology ,Epidemiological studies ,Screening study ,Sensitivity and Specificity of screening
- 9 - Environmental factors , Water treatment , Solid waste disposal ,Air pollution , Ionizing radiation Sewage disposal
- 10 - Maternal Child Health Programme ,Maternal Health ,Factors affecting Pregnancy and Outcome .Maternal problem post delivery
- 11 - Child Health ,Infant Congenital malformations ,Child Mortality ,Children in School environment.
- 12 - Communicable Diseases Typhoid ,Tuberculosis ,Brucellosis ,Tetanus, Venereal disease ,Dysentery Diarrhea Cholera ,Measles ,Malaria ,Poliomyelitis , Parasites .

## Course Contents

- 1 - General aspects :Introduction ,Scope public Health ,Basic consideration of health and disease ,Aims of public health , Definition of health levels
- 2 - Measure of Public health levels ,Regional public services , The disease sequences
- 3 - Factors affecting health and disease ,Environmental factors, internal and External Environments ,Agent factors
- 4 - Characteristics of the Infectious Agent factors ,Classes of Infectious factors and Pathogenicity ,Defense Mechanism ,Immunity
- 5 - Epidemiology, Prevalence ,Incidence ,Prevention and Control of Infectious diseases ,Control of reservoirs , Contacts ,Carriers and Community measure
- 6 - Health indices ,Source of Informations ,Classes of Health indices , Mortality rate ,Infant mortality rate ,Neonatal mortality rate ,Post neonatal rate
- 7 - Disease Surveillance ,Risk factors ,Epidemiology studies ,Screening study ,Sensitivity and Specificity ,Reliability values
- 8 - Environmental factors ,Water ,Solid wastes ,Sewage disposal ,Food hygiene ,Air pollution
- 9 - Maternal Child health programme ,Objectives ,Maternal health ,Pregnancy period care ,Factors affecting outcome of pregnancy, Maternal problems ,Purpural sepsis ,Maternal mortality
- 10 - Child health ,Objectives ,Congenital malformations ,Still birth ,Child mortality
- 11 - Children School Health ,School environment, Hazards ,Medical Services
- 12 - Communicable disease ,Disease classes ,Typhoid ,Dysentery ,Puerperal sepsis Gastroenteritis ,Tuberculosis , Tetanus ,Cholera, Poliomyelitis ,Brucellosis ,Food Poisoning Measles ,Malaria , Parasites
- 13 - Vaccination ,Type of Vaccines ,Duration of Vaccination ,vaccination schedules in Gaza strip

## Teaching and Learning Methods

- 1 - Lectures
- 2 - videos Illustration

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First term Examination	After one month	25
Second month examination	after 2 months	25
Final examination	at the end of Semester	50

## Books and References

Course note	Current Topics in Public Health By : Alfonso J. Rodriguez-Morales ;2013
	Public Health - Methodology, Environmental and Systems Issues By :Jay Maddock
	Public Health - Social and Behavioral Health BY: Jay Maddock ; 2012