

Course Syllabus of Introduction to Community Medicine and Environment

Faculty: Medicine and health sciences

Department: Community

Program : Bachelor of Medicine and Surgery

I. General information about the course instructor :							
Name	Dr. Majed Wadi	Office Hours(3 Hours Weekly)					
Location & phone number	4118	Sat	Sun	Mon	Tue	Wed	Thu
Email	m.wadi@ust.edu	✓			✓	✓	

II. General information about the course:							
1	Course Title :	Introduction to Community Medicine and Environment					
2	Course Code and Number :	BMD01					
3	Credit Hours :	Credit Hours					Total
		Theoretical	Seminar/Tutorial	Practical	Clinical	Training	
		2	-	1	-	-	
4	Study Level and Semester:	1 st year /1 st semester					
5	Pre-requisites:	None					
6	Co-requisites:	None					
7	Program in which the course is offered:	Bachelor of Medicine and Surgery					
8	Teaching Language:	English					
9	Instruction location:	University of Science and Technology, Sana'a					

III. Course Description

The students are introduced to Community Medicine and Environment via fundamental concepts and principles of primary health care as well as environment. The course emphasizes on concept of health and disease, factors affecting health and diseases, pattern of diseases appearance, and level of prevention. S/he will be deal with water and air healthy characteristics and their pollution. S/he will be known the proper health management of sewages and waste products. Teaching and learning methods include lecture, large and small group discussion, assignment, and situational analysis cases.

IV. Course Aims:

1. Introduce basic concepts and principles of Community Medicine and Environment
2. Enhance students' capabilities with these concepts in order to promote and prevent diseases
3. Link medical students to their community and its surrounding environment.

V. Course Intended Learning Outcomes (CILOs) :

1. Define health and disease and their spectrum in term epidemiological triangle
2. Describe the determinants of health on the individual, the family, and the community levels
3. Define environment, outline its components and describe its importance in maintaining health and its pollution and effect on health.
4. Apply health behavior theories to different community health problems and identify behavioral and social variables impacting health and disease
5. Perform community needs assessment taking in consideration the priority sitting about the health problems and solving methods intervention.
6. Perform the environmental diagnosis based on the top 10 health risks contributing to the burden of ill health in the community
7. Communicate well with his colleagues, teachers, top management and subordinates
8. Establish a good client - physician relationship

VI. Course Contents

Theoretical Aspect:

No.	Course Topics/Units	Sub-topics	No. of Lectures	Contact Hours
1	Introduction to study Medicine	Medicine :definition and concept, historical review, revolution of medicine	1	2
2		Modern medicine :public health, curative med. And preventive med.		
3		Social med.: change in public health and community med.:	1	2
4		PHC:Health: definition and concept Health care and medical care :	1	2
5		Health & related concepts: Dimensions of health		
6		Health indicators Epidemiological triad Risk factors	1	2
7		Disease & other related concepts Prevention control ,elimination, eradication, ice berg phenomenon, levels of prevention		
8		Physician & Community	Introduction to medical sociology, impact of social factors as a cause of disease	1
9	Social & education concept of health			

10		Family & marital status as a leading cause of disease	1	2
11		The population & traditional concept of the disease		
12		The relationship between physician & the patient	1	2
13		The problems of patients regarding the physician The disease problems regarding patients	1	2
14		The legal aspects of practicing medicine	1	2
15	Environmental Health	Environment and environmental health :	1	2
16		Air pollution :	1	2
17		Water supply and water sanitation:	1	2
18		Community wastes :		
19		Sewage :	1	2
20		Environmental vehicle :	1	2
21		Housing :	1	2
Total			15	30=2 CH

Second: Practical/Tutorial/Clinical Aspects			
No.	Practical/Tutorial/Clinical topics	No. of labs	Contact Hours
1	Water supply and water sanitation & Sewage (NW&SA)	4	8
2	Environment and environmental health(MOP)	4	8
3	Community wastes (MOP)	4	8
4	Environmental vehicle	3	6
Total		15	30=1CH