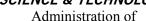
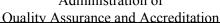
# REPUBLIC OF YEMEN UNIVERSITY OF SCIENCE & TECHNOLOGY









## Course Syllabus of Introduction to Community Medicine and Environment

Faculty: Medicine and health sciences

**Department: Community** 

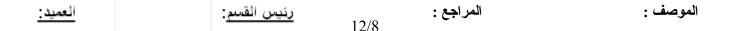
**Program: Bachelor of Medicine and Surgery** 

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	<u>m.wadi@ust.edu</u>	<b>√</b>			✓	✓	

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

#### **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		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	Introduction to study Medicine	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 &	Introduction to medical sociology, impact of social factors as a cause of disease	1	2
9	Community	Social & education concept of health		

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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		Environment and environmental health:	1	2
16		Air pollution :	1	2
17		Water supply and water sanitation:	1	2
18	Environmental Health	Community wastes:		
19		Sewage :	1	2
20		Environmental vehicle :	1	2
21		Housing :	1	2
	Total			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		

الموصف: المراجع: