Republic of Yemen

Ministry of Higher Education & Scientific Research

21 SEPTEMBER UNIVERSITY of MEDICALS & APPLIEED

SCIENCES

Faculty of Laboratory medicine

Course Specification of Community Medicine
Course No. (01.02.303)

Prepared by:	Reviewed by:	Head of the Department:	Vice Dean for Quality affairs	Dean of College:
Dr\Ghamdan Ahmed Altahish	Dr Gamil Taher Abdul Mughni		Dr\Gamil Taher Abdul Mughni	Associate Prof. Dr. Ebtesam Al-Zabedi

I. Course Identification and General Information:						
1	**Course Title:**	Community Medicine				
2	**Course Code & Number:**	01.02.303				
3	**Credit Hours:**	**Theory Hours**				
		Lecture	**Exercise**	Practical	**Credit Hours**	
		2	0	0	2	
4	**Study Level/ Semester at which this Course is offered:**	1st Level /2nd Semester				
5	**Pre –Requisite (if any):**	None				
6	**Co –Requisite (if any):**	English				
7	**Program (s) in which the Course is Offered:**	Faculty of Laboratory medicine				
8	**Language of Teaching the Course:**	English				
9	**Study System:**	semester				
10	**Mode of Delivery:**	Regular				
11	**Location of Teaching the Course:**	University Campus				
12	**Prepared by:**	Dr\Ghamdan Ahmed Altahish				
13	**Date of Approval:**	2023				

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II. Course Description:

This course provides an introduction to the concepts and principles and methods of community medicine. Topics covered include the determinants of health, community health assessment, health promotion and disease prevention, and the role of the community health worker. Students will learn how to apply community medicine principles to improve the health of populations.

III. Alignment Course Intended Learning Outcomes with program outcomes

III. Course Intended Learning Outcomes (CILOs)		**Referenced PILOs**
A. Knowledge and Understanding: ***Upon successful completion of the course, students will be able to:***		
a1	**Define** theories, basics and updated sciences in public health and community medicine.	**A3**
B. Intellectual Skills: ***Upon successful completion of the course, students will be able to:***		
b1	**Integrate** basic Medical Sciences to specific public health problems including the ability to identify the problem, situation analysis, problem analysis, identification of obstacles and constraints and strategy formulation.	B1
C. Professional and Practical Skills: ***Upon successful completion of the course, students will be able to:***		
c1	**Perform** disease surveillance and apply the principles of community medicine to improve the health of communities.	**C1**
D. Transferable Skills: ***Upon successful completion of the course, students will be able to:***		
d1	**Educate** the general public and to assist patients through acceptable customer service interactions	D1

IV. Alignment Course Intended Learning Outcomes with Teaching Strategies and Assessment methods:			
(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:			
	Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
a1	**Define** theories, basics and updated sciences in public health and community medicine	Lectures	Exam
A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:			
	Course Intended Learning Outcomes	Lectures Laboratory practical	Assessment Strategies
b1	**Integrate** basic Medical Sciences to specific public health problems including the ability to identify the problem, situation analysis, problem analysis, identification of obstacles and constraints and strategy formulation	Lectures	Exam
	Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
c1	**Perform** disease surveillance and Apply the principles of community medicine to improve the health of communities.	Lectures	Exam
(D) Alignment Course Intended Learning Outcomes of Transferable Skills to Teaching Strategies and Assessment Strategies:			
	Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
d1	**Educate** the general public and to assist patients through acceptable customer service interactions	Practical session	Seminars

Course Content:

A – Theoretical Aspect:

	Tobic	Sub Topics List	No. of Weeks	Contact hours	Learning Outcomes (CILOs
1	Concept of Health and Illness	Definition of health, illness and wellness Dimensions of health/wellness Different Models of Health Determinants of Health Biological Nutrition Lifestyle Environmental Behavioral Socio-economic Health services Aging Gender Genetic	1	2	a1,b1
2	Introduction to health care	Definition of health care Characteristics of health care Health team concept Roles of primary health care workers: Facilitate role Development role Supportive role Clinical role Levels of health care Levels of health care Primary care level Secondary care level Tertiary care level Changing concepts Comprehensive health care Basic health services Primary health care Alma-Ata declaration Definition of Primary health care and clarification on certain terms in the definition:Essential,	1	2	a1,b1

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		Scientifically sound, Socially acceptable methods and technology , Universally accessible, Community involvement Importance of Primary health care Major Problems in implementation of PHC The role of the primary care practitioner			
3	Primary health care	Acceptability Public participation Intersectoral collaboration Appropriate technology Health promotion and illness prevention	1	2	b1,d1
4	Principles of PHC	Acceptability Public participation Intersectoral collaboration Appropriate technology Health promotion and illness prevention	1	2	b1

5	Elements of PHC	Health education concerning prevailing health problems and the methods of preventing and controlling them. Promotion of food supply and proper nutrition. An adequate supply of safe water and basic sanitation. Maternal and child health care, including family planning. Immunization against the major infectious diseases. Prevention and control of locally endemic diseases. Appropriate treatment of common diseases and injuries. Provision of essential drugs. Mental health Oral health Control of ARI Control of HIV/AIDS and 1other STIs Occupational health Use of traditional medicine	1	2	c1,d1
6	Health For All	Introduction Definition Strategies for HFA in 2000 and after	1	2	a1,b1
7	Midterm exam		1	2	
8	Millennium development goals (MDG)	Introduction Concept and definition of MDG indicators.	1	2	a1
9	Health Care Delivery System	Health education concerning prevailing health problems and the methods of preventing and controlling them. Promotion of food supply and proper nutrition. An adequate supply of safe water and basic sanitation. Maternal and child health care, including family planning. Immunization against the major infectious diseases. Prevention and control of locally endemic diseases. Appropriate treatment of common diseases and	1	2	b1

		injuries. Provision of essential drugs. Mental health Oral health Control of ARI Control of HIV/AIDS and 1other STIs Occupational health Use of traditional medicine			
10	Health education and Communication skills	a. Communication and interviewing skills used to deal with individuals, families, and the community b. Health education in maternal/child health clinic setting	1	2	b1,d1
11	Antenatal care	Antenatal care: Assessment of the antenatal client Care provision, including counselling and health education	1	2	a1,d1
12	Postpartum care	Post partum care: Assessment of the postpartum mother Care provision, including counselling and health education	1	2	b1
13	Family planning	FP services and counselling Methods of FP	1	2	a1,c1
14	Expanded program on Immunizations	Definition of Immunizations Preventable diseases of immunization Schedule of expanded program on immunizations for neonatal in Yemen Tetanus toxoid vaccination for fertile women Contraindication for immunization Cold chain of immunization	1	2	b1,c1
15	Growth monitoring of infants and children	Growth monitoring of infants and children Proper nutrition and food sanitation	1	2	c1,d1
16	final exam		1	2	
	Total		16	32	

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IV. Teaching strategies of the course:	
1	**Lectures**
2	**Seminars**

VI. Assessment Methods of the Course:	
No	**Assignment**
1	Written Exams (Short Essays) and Quizzes
2	Multiple Choice Questions (MCQ)

VII. Assignments:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	**Midterm Exam**	8	30	30%	a1, b1,c1,d1
2	**Final Exam**	16	70	70%	a1,b1,c1,d1
	Total	100		100%	

X. Learning Resources:

1- Required Textbook(s)

1-	Community Medicine: Principles, Practices, and Applications, 8th Edition by Michael J. Sullivan
2-	Community Health Nursing: A Public Health Approach, 9th Edition by Judith E. Wilkinson

2- Essential References.

1-	Community Health and Preventive Medicine, 10th Edition by William H. Foege and David S. Bell
2-	Principles of Community Health, 9th Edition by Michael J. Sacks and Walter W. Holland

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3- Electronic Materials and Web Sites *etc.*	
1-	- http://www.epu-eg.com/
2-	https://pubmed.ncbi.nlm.nih.gov
3-	- http://www.parasitesonline.net/ - http://pathmicro.med.sc.edu/book/parasit-sta.htm
4-	- http://www.dpd.cdc.gov/dpdx/HTML/Para_Health.htm - http://www.malaria.org/

X. Course Policies: (Based on the Uniform Students' By law .

1	**Class Attendance:** Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	**Tardiness:** A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	**Exam Attendance/Punctuality:** No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	**Assignments & Projects:** Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	**Cheating:** Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	**Forgery and Impersonation:** Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply**.**
7	**Other policies:** The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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