

توصيف التدريب
الميداني ومجلس
اعتماده

**توصيف التدريب الميداني بلوك HIC-211
الفرقة الثانية لنظام الطب التكاملية**

نموذج رقم (١٢)

**Practical and field training Course Specifications of public health, integrated
Medicine second Year 2022-2023**

University: Minia

Faculty: Medicine

Department: Public Health, Preventive and Social Medicine

1. Course Information		
<ul style="list-style-type: none"> Academic Year/level: Second Year 	<ul style="list-style-type: none"> Course Title: Health and Illness in Community 	<ul style="list-style-type: none"> Code: HIC-211
Credit Hours: 48 hours (practical and field training)		
Over all aim of the training	<p>Aims to provide students with foundations of health and illness in understanding of health and its determinants, comprehensive care through care approach, the principles of epidemiology, management and community health. The course also emphasizes the primary health domains including: environmental health, mother and child health, disease prevention & health promotion and nutrition.</p>	
2. Intended learning outcomes of course (ILOs):		
A- Knowledge and Understanding	<p>A8- Identify the epidemiology of common communicable diseases A10- Measure the burden of disease in a community. A11- Describe the principle of disease surveillance and its uses in the community settings. A12- Describe concepts of screening and evaluation of a screening test A13- Understand the concept of occupational health and health hazards A14- Describe preventive program for occupational health A15- Recognize the impact of environment on health A16- Identify the nature, health effect, sources environmental risks and preventive measures. A17-Recognize measures for infection control. A19- Define nutrition and its commonly used term, understand the role of nutrition in health & identify nutrient sources, functions, requirements. A22- Describe the care provided for special population groups A23- Identify health problems and health needs of adolescent age group and explain the components of their health program A24- Describe the complementary role of maternal and child health within the context of reproductive health approach (RH), know maternal and child health problems, list the components of RH and its services and describe the MCH program.</p>	
B- Intellectual Skills	<p>B1- Apply preventive and control measures for communicable and non-communicable diseases of special public health concern. B2- Draw Egypt's population pyramid and interpret the information obtained from the pyramid B3- Calculate and interpret vital rates including fertility B4- Calculate and interpret measures of morbidity and mortality B5- Investigate of an epidemic.</p>	

	<p>B6 - Calculate sensitivity, specificity, and predictive values.</p> <p>B7- Assess and interpret work related medical hazards and conditions in Egypt. B8- Apply surveillance system for diseases and injuries.</p> <p>B9- Calculate relevant vital indices, and identify health problems related to the health of mothers and children as well as risk factors</p> <p>B10-Plan a session for health education</p> <p>B11- Carry out a health education session and/or conduct a counseling session and assess performance (self/ peer) & apply principles of communication skills in dealing with different situations.</p> <p>B12- Apply Certifications of cause of death and Classification of diseases</p> <p>B13- Apply management programs in different health care services for improving its performance & outcome indicators</p> <p>B14-Apply different quality tools in problem solving and decision making.</p> <p>B15- Investigate appropriate infection control practices.</p> <p>B16- Apply methods of assessment of nutritional status</p> <p>B17-Apply screening tests pertinent to selected morbidity conditions and the at-risk approach in its application</p>
C- Professional and Practical Skills	<p>C1- Work effectively as a member or a leader of an interdisciplinary team.</p> <p>C2- Communicate effectively with clients and colleagues.</p> <p>C3- Write & evaluate of professional reports and proper interpretation.</p>
D- General and transferable Skills	<p>D1. Adopt principles of the lifelong learning needs of the medical profession. D2. Use information and communication technology effectively.</p> <p>D3. Do appropriate counseling, health education and communication strategies in different health care settings using behavioral change models.</p> <p>D4. Use different resources to gain knowledge and information.</p> <p>D5. Develop rules and indicators to evaluate the performance of others.</p> <p>D6. Show leadership and act as a team manager in motivating the community served.</p> <p>D7. Collaborate with colleagues in a teamwork during field visits, class discussion as well as solving problem</p>

3.

4. Course Contents:

Practical session	Week	Contact hour
Demography	1 st week	2h
Fertility rate	1 st week	2h
Morbidity & ICD10	2 nd week	2h
Mortality rate and death certificate	2 nd week	2h
Investigation of outbreak	3 rd week	2h
Screening	3 rd week	2h
Occupational	4 th week	2h
Breast feeding	4 th week	2h
Reproductive health	5 th week	2h
IMCI	5 th week	2h
Communication and HE	6 th week	2h

	Management and quality tool	6 th week	2h	
	Field visits		Contact hour	
	Primary Health Care Unit		2h	
	Maternal and child health center		2h	
	Water Station		3h	
	Factory		3h	
	Chest Hospital		2h	
	Fever Hospital		2h	
	Regional Blood Bank Center		2h	
	Surveillance unit		2h	
	Infection Control Unit		2h	
	Plan Visit (Village)		4h	
	Total		48	
5. Teaching and Learning Methods	<ul style="list-style-type: none"> - Practical sessions to gain practical skills aided with the practical book. - Field visits to prepare the student for community service through different health setting. 			
6. Teaching and Learning Methods for students with limited Capacity	Limited students divided into small group to make learning more effective			
Student Assessment				
a- Student assessment method	1 -Mid-term exam (MCQ) 2-Portfolio 3 -Final practical 4- Final written exam 5- Formative assessment and quiz (google forms)			
B. Assessment Schedule	Mid-term exam	After third week		
	Evaluation of portfolio	At the end of the block		
	Final practical exam	At the end of the block		
	Final written exam	At the end of the block		
	Formative assessment and quiz (google forms)	During the block weekly		
c. Weighting of Each Method of Assessment	Assessment	Mark	%	
	Mid-term exam	28.5	20%	
	Evaluation of portfolio	14.25	10%	
	Final practical exam	35.625	25%	
	Final written exam	64.125	45%	

	Total	142.5	100%	
List of references	<p>1 .Lecture notes</p> <p>2 .Books: Park's Text Book of Preventive and social Medicine: 27th Edition, 2023 Maxcy-Rosenau-Last Public Health and Preventive Medicine: 16th Edition, 2021. Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health: 5th Edition, 2020, Elsevier Saunders: Philadelphia, PA, USA. Community Medicine with Recent Advances: 5th Edition, 2019. Textbook Community Medicine: Demography and Public Health: 3rd Edition by Rajvir Bhalwar. Wolters Kluwer India Pvt Ltd (2019). CURRENT Diagnosis & Treatment Occupational & Environmental Medicine, 6th Edition By: Joseph LaDou, Robert Harrison (2021). Egyptian Laws related to occupational health.</p> <p>3 .Periodicals and web sites: American Journal of Epidemiology. British Journal of Epidemiology and Community Health, CDC and WHO websites. Official website of World Health Organization</p>			

Community Medicine	مسمى المقرر
CM414	كود المقرر

جامعة/أكاديمية : المنيا
كلية / معهد: الطب البشرى
قسم: الصحة العامة والطب الوقائى

Matrix coverage of practical and field trainig ILOS by block content

	Knowledge & Understanding	Intellectual Skills	Professional Skills	General Transferable kills
Practical				
Demography		B2,		
Fertility rates		B3		
Morbidity & ICD	A10	B4		
Mortality rates & death certificate		B4, B12		
Investigations of outbreak		B5		
Screening	A12	B1, B6, B17		
Occupational	A13, A14	B7, B17		
Breast feeding	A19	B9		
Reproductive health	A23, A24	B9		
IMCI	A22	B9		
Communication & HE		B10, B11	C2	D3, D7
Management & quality tools		B13, B14	C1	D5, D6, D7
Field visits				
Primary health care unit		B9, B13		D4, D5
Water sanitation	A15, A16			
Factory	A14, A15	B7		
Chest hospital	A8	B1		
Fever hospital	A8	B1		
Maternal and child health center	A 22, A24	B16		

Surveillance unit	A11	B8		D2
Infection control unit	A17	B1, B15		
Regional Blood Bank center		B7, B15		
Plan visit		B11	C1, C2, C3	D3, D7

Blueprint Practical

	ILOS	Contact hour	Weight	Mark of final practical exam
Practical				
Demography	B2,	2h	4.2%	1.5
Fertility rates	B3	2h	4.2%	1.5
Morbidity& ICD 10	A10, B4	2h	4.2%	1.5
Mortality rates& death certificate	B4, B12	2h	4.2%	1.5
Investigations of outbreak	B5	2h	4.2%	1.5
Screening	A12, B1,B6,B17	2h	4.2%	1.5
Occupational	A13, A14,B7,B17	2h	4.2%	1.5
Breast feeding	A19,B9	2h	4.2%	1.5
Reproductive health	A23, A24,B9	2h	4.2%	1.5
IMCI	A22,B9	2h	4.2%	1.5
Communication& HE	B10, B11,C2,D3,D7	2h	4.2%	1.5
Management& quality tools	B13, B14,C1,D5,D6,D7	2h	4.2%	1.5
Field visits				
Primary health care unit	B9, B13,D4,D5	2h	4.1%	1.5
Water sanitation	A15, A16	3h	6.3%	2.5
Factory	A14, A15,B7	3h	6.3%	2.5
Chest hospital	A8,B1	2h	4.1%	1.5
Fever hospital	A8,B1	2h	4.1%	1.4
Maternal and child health center	A 22, A24,B16	2h	4.1%	1.4
Surveillance unit	A11,B8,D2	2h	4.1%	1.4
Infection control unit	A17,B1, B15	2h	4.1%	1.4

Regional Blood Bank center	B7, B15	2h	4.1%	1.4
Plan visit	B11,C1,C2,C3,D3,D7	4h	8.3%	3
Total		48h	100%	36

Course Coordinator/s: Prof Dr. Eman Sameh Mohamed.

Head of Department: Prof. Dr. Nashwa Nabil Kamal

Date of last update & approval by department Council: July-2022



A handwritten signature in black ink is written above a purple rectangular stamp. The stamp contains Arabic text, likely an official seal or signature of the department head.