

STUDY GUIDE

<< Family Medicine >>

<<1210611>>



Course Coordinators

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Course Identification

1. Credit hours	5
2. Level/year at which this course is offered	6 th year
3. Pre-requisites for this course	1210411, 1201411, 1202411

Course Contributors

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Actual Learning Hours (Copy and paste the table from courses specification)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	32
2	Laboratory/Studio	-
3	Tutorial	10
4	Others (PBL/CP)	16
5	Seminars	6
	Role play	24
	Total	88

Course Objectives (Copy and paste the table from courses specification)

1. Course Description

Course Description:

This course is designed to train medical students with the skills and body of knowledge that they as physician will require in practice. This curriculum is based on an analysis of the problems seen and the skills used, by family physicians in their practice, and emphasize continuing responsibility for total health care – from the first contact and initial assessment through the ongoing care of chronic problems with stress on prevention and early recognition of disease. The Knowledge of principles and concepts of family medicine and the system of health care give added advantage of coordination of and integration of all necessary health services, (minimizing fragmentation) and the skills to manage most medical problems thereby providing cost effective healthcare.

2. Course Main Objective:

- a. Demonstrate essential knowledge, skills and attitudes and practice it in provision of continuing, comprehensive care to individuals and family, including anticipatory, common, chronic, and emergent problems.
- b. Demonstrate appropriate problem solving skills and referral decisions.
- c. Know principles and process of normal age-related findings and care of the well patients from the pediatric population to geriatric population.
- d. Know the etiologies, clinical features, clinical course, and diagnostic criteria of common general medical health conditions of the followings: anxiety and depression, neurological disorders, skin disorders, musculoskeletal disorders, cardiovascular disorders, diabetes mellitus, hypertension, dyslipidemia, respiratory disorders, renal and urinary disorders, women's health disorders, pregnancy and childbirth.
- e. Understand and recognize adverse effects, allergic reactions, and drug interactions of commonly prescribed medications.
- f. Demonstrate knowledge of health maintenance, screening, and preventive medicine.
- g. Demonstrate knowledge of nutrition, obesity, and eating disorders.
- h. Demonstrate ordering appropriate diagnostic tests, and interpretation of laboratory tests.
- i. Demonstrate appropriate communication and interpersonal skills.
- j. Demonstrate the ability to provide patient education and anticipatory guidance.

Course Learning Outcomes (Copy and paste the table from courses specification)

CLOs		Aligned-PLOs
1	Knowledge and Understanding	
1.1	Recognize the principles related to Family Medicine in relation to the common family disease and referral policy.	K2
1.2	Describe PHC and how health care system is organized and managed in Saudi Arabia	K3
1.3	Recognize the healthy lifestyle and good morals and healthy lifestyle plays significant role in prevention of disease.	K4
2	Skills :	
2.1	Analyze history and examination data to assess patient's medical and surgical problems and propose management plan or refer accordingly	S1
2.2	Take history and perform proper general and systemic physical examination for patient encountered in PHC	S3
2.3	Develop management plans for PHC patients	S5
2...	Communicate medical information appropriately, using verbal and writing skills (e.g. patient records, referrals, medical reports)	S6
3	Values:	
3.1	Demonstrate ethical attitude towards patients, colleagues and instructors	V1
3.2	Operate self-learning skill through valid scientific medical resources.	V2
3.3	Demonstrate the capacity for self-reflection and personal development	V2

Course Content (Copy and paste the table from courses specification)

No	List of lectures	Contact Hours
1.	Introduction to Family Medicine course	1
2.	Orientation to family medicine	1
3.	Family Medicine concepts & principles	1
4.	Role of the family practitioner in health care	1
5.	Role of family practitioner in health promotion & health appraisal	1
6.	Introduction to Primary Health Care	1
7.	Introduction to Primary Health Care	1
8.	Overview common skin diseases in family practice	1
9.	Overview common Eye diseases in family practice	1
10.	Introduction and Importance of Maternal & Child Health (Global Look]	1
11.	Emergencies in Primary Care	1
12.	Overview of Back pain & arthritis in family practice	1
13.	Maternal Health Services in Saudi Arabia (antenatal & postnatal care)	1
14.	Child Health Services in Saudi Arabia	1
15.	Well baby in primary health care & pediatric immunization	1
16.	Overview of headache in family practices	1
17.	School health problems and services in Saudi Arabia	1
18.	Overview of Mentally & Physically Handicapped Children in Family Practice	1
19.	Managing Chronic Illness in Family Practice (hypertension)	1
20.	Managing Chronic Illness in Family Practice (dyslipidemia)	1

21.	Managing Chronic Illness in Family Practice (DM)	1
22.	Introduction to occupational health	1
23.	Physical Occupational Hazards	1
24.	Chemical occupational hazards	1
25.	Special occupational groups & occupational psychosocial stress & hazards	1
26.	Overview of Upper Respiratory Tract Infections in Family Practice	1
27.	Mental illnesses in PHC	1
28.	Applying evidence-based medicine in family practice	1
29.	Care of elderly	1
30.	Osteoarthritis	1
31.	Prescribing in family practice	1
32.	Importance of ECG interpretation in Family Practice	1
	Total	32

No	List of tutorials	Contact Hours
1.	Menopause	1
2.	Vaginal discharge	1
3.	Communication skills	1
4.	Osteoporosis	1
5.	Consultation Skills in Family Medicine (breast feeding)	1
6.	Red eye	1
7.	Common Emergency Problem	1
8.	UTI in females & children	1

9.	Pregnancy related Health care (preconceptional counselling)	1
10.	Approach to abdominal pain	1
	Total	10

No	List of PBL	Contact Hours
1.	PBL 1	4
2.	PBL 2	4
3.	PBL 3	4
4.	PBL 4	4
	Total	16

No	List of presentation / seminar	Contact Hours
1.	Student presentation 1 (common skin disease)	1
2.	Student Presentation-2 (common eye disease)	1
3.	Student presentation 3 (back pain, arthritis, headache)	1
4.	Student presentation 4 (health promotion, health appraisal, counselling)	1
5.	Student presentation 5 (managing emergencies in family practice)	1
6.	Student presentation 6 (patient-doctor relationships in family practice)	1
	Total	6

No	List of role play	Contact Hours
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1.	Clinical Session/ Role play-1 Breaking Bad News Example-Malignancy	3
2.	Clinical Session/ Role play-2 Health Education Skills, Example- hypertension	3
3.	Clinical Session/ Role play-3 Health Appraisal, projecting the potential health risk of an individual Example obesity	3
4.	Clinical Session/ Role play-4 Health Promotion, Example- Asthma	3
5.	Clinical Session/ Role play-5 Dealing with specific request, Example patient coming & insisting on specific referral e.g. abnormal uterine bleeding	3
6.	Clinical Session/ Role play-6 Counselling a patient with newly diagnosed chronic disease, Example- Diabetes	3
7.	Clinical Session/ Role play-7 Giving dietary advice, example during pregnancy	3
8.	Clinical session/Role play-8 Child immunization session	3
	Total	24

Teaching strategies and Assessment Methods for Students (Copy and paste the table from courses specification)

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge and Understanding		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.1	Recognize the principles related to Family Medicine in relation to the common family disease and referral policy.	Direct instruction (Lectures) Interactive instruction (Tutorials, PBL, CP, Seminars)	Written exams
1.2	Describe PHC and how health care system is organized and managed in Saudi Arabia	Direct instruction (Lectures) Interactive instruction (Tutorials, PBL, CP, Seminars)	Written exams
1.3	Recognize the healthy lifestyle and good morals and healthy life style plays significant role in prevention of disease.	Direct instruction (Lectures) Interactive instruction (Tutorials, PBL, CP, Seminars)	Written exams
2.0	Skills		
2.1	Analyze history and examination data to assess patient's medical and surgical problems and propose management plan or refer accordingly.	Experiential learning (Role Play, BST), Interactive instruction (Tutorials, PBL, Seminars)	Direct: OSCE PBL checklist CP checklist
	Take history and perform proper general and systemic physical examination for patient encountered in PHC	Experiential learning (BST, Role play)	Direct: OSCE
	develop management plans for PHC patients	Experiential learning (BST, Role play)	Direct: OSCE
	Communicate medical information appropriately, using verbal and writing skills (e.g. patient records, referrals, medical reports)	Experiential learning (BST, Role play)	Direct: OSCE
3	Values		
3.1	Demonstrate ethical attitude towards patients, colleagues and instructors	PBL, Tutorials, student presentations formation through team work	Direct: OSCE PBL checklist CP checklist

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
3.2	Operate self-learning skill through valid scientific medical resources.	PBL, Tutorials, student presentations	Direct: OSCE PBL checklist CP checklist
3.3	Demonstrate the capacity for self-reflection and personal development	Interactive instruction (PBL and CP)	Direct: PBL checklist CP checklist

Assessment Tasks for Students (Copy and paste the table from courses specification)

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz 1	3 rd	20 %
2	PBL	1 st to 5 th	5 %
3	Clinical presentation	3 rd to 5 th	5 %
4	Final Written Exam	6 th	50 %
5	OSCE	6 th	20 %
	Total		100%

Course blueprint (% of total summative marks in blue print is to be given in the range)

Course title: Family medicine (Course code: 1210611)

Topics	Teaching strategies	Assessment methods	Knowledge & Understanding			Skills				Values			% of total contact hours	% of total summative marks
			K 2	K 3	K 4	S 1	S 3	S 5	S 6	V 1	V 2	V 2		
1. Introduction to Family Medicine	lecture	written	√										1.14	0-2

course		exam																	
2. Orientation to family medicine	lecture	written exam	√															1.14	0-2
3. Family Medicine concepts & principles	lecture	written exam	√															1.14	0-2
4. Role of the family practitioner in health care	lecture	written exam	√		√													1.14	0-2
5. Role of family practitioner in health promotion & health appraisal	lecture	written exam	√		√													1.14	0-2
6. Introduction to Primary Health Care	lecture	written exam		√														1.14	0-2
7. Introduction to Primary Health Care	lecture	written exam		√														1.14	0-2
8. Overview common skin diseases in family practice	lecture	written exam Direct: OSCE PBL checklist CP checklist	√			√												1.14	0-2
9. Overview common Eye diseases in family practice	lecture	written exam Direct: OSCE PBL checklist CP checklist	√			√												1.14	0-2
10. Introduction and Importance of Maternal	Lecture	written exam	√	√	√													1.14	0-2

occupational health		exam																	
23. Physical Occupational Hazards	lecture	written exam Direct: OSCE PBL checklist CP checklist	√		√	√												1.14	0-2
24. Chemical occupational hazards	lecture	written exam Direct: OSCE PBL checklist CP checklist	√			√												1.14	0-2
25. Special occupational groups & occupational psychosocial stress & hazards	lecture	written exam	√		√													1.14	0-2
26. Overview of Upper Respiratory Tract Infections in Family Practice	lecture	written exam Direct: OSCE PBL checklist CP checklist		√	√	√												1.14	0-2
27. Mental illnesses in PHC	lecture	written exam Direct: OSCE PBL checklist CP checklist	√		√	√												1.14	0-2
28. Applying evidence-based medicine in family	lecture	written exam	√	√														1.14	0-2

		Direct: OSCE PBL checklist CP checklist												
5. Consultation Skills in Family Medicine (breast feeding)	Tutorial	written exam Direct: OSCE PBL checklist CP checklist	√	√		√							1.14	0-2
6. Red eye	Tutorial	written exam Direct: OSCE PBL checklist CP checklist				√							1.14	0-2
7. Common Emergency Problem	Tutorial	written exam Direct: OSCE PBL checklist CP checklist				√							1.14	0-2
8. UTI in females & children	Tutorial	written exam Direct: OSCE PBL checklist CP checklist				√							1.14	0-2
9. Pregnancy related Health care (preconceptional counselling)	Tutorial	written exam Direct: OSCE PBL checklist CP				√							1.14	0-2

		checklist														
10. Approach to abdominal pain	Tutorial	written exam Direct: OSCE PBL checklist CP checklist				√									1.14	0-2
1. PBL 1	PBL	PBL checklist									√	√	√		4.5	0-5
2. PBL 2	PBL	PBL checklist									√	√	√		4.5	0-5
3. PBL 3	PBL	PBL checklist									√	√	√		4.5	0-5
4. PBL 4	PBL	PBL checklist									√	√	√		4.5	0-5
1. Student presentation 1	Seminars	CP checklist									√	√	√		1.14	0-5
2. Student Presentation -2	Seminars	CP checklist									√	√	√		1.14	0-5
3. Student presentation 3	Seminars	CP checklist									√	√	√		1.14	0-5
4. Student presentation 4	Seminars	CP checklist									√	√	√		1.14	0-5
5. Student presentation 5	Seminars	CP checklist									√	√	√		1.14	0-5
6. Student presentation 6	Seminars	CP checklist									√	√	√		1.14	0-5
1. Role play 1	Role play	OSCE				√	√	√							3.41	0-4
2. Role play 2	Role play	OSCE				√	√	√							3.41	0-4
3. Role play 3	Role	OSCE				√	√	√							3.41	0-4

	play													
4. Role play 4	Role play	OSCE					√	√	√				3.41	0-4
5. Role play 5	Role play	OSCE					√	√	√				3.41	0-4
6. Role play 6	Role play	OSCE					√	√	√				3.41	0-4
7. Role play 7	Role play	OSCE					√	√	√				3.41	0-4
8. Role play 8	Role play	OSCE					√	√	√				3.14	0-4

Learning Resources (Copy and paste the table from courses specification)

Required Textbooks	<ol style="list-style-type: none"> 1) Robert E Rakel, David P Rakel, Textbook of Family Medicine, 9th ed. Saunders / Elsevier (2016). 2) Gorol et al. Primary Care Medicine: the office management of the adult patient. 6th ed. Lippincott Williams and Williams. (2009) 3) Philip D. Solane et al. Essentials of Family Medicine. Lippincott Williams and Williams. (2011)
Essential References Materials	<ol style="list-style-type: none"> 1) Anne Stephenson A Textbook of General Practice. 2nd Edition. Published by Arnold. (2004) 2) Robert B. Taylor). Manual of Family Practice. Lippincott Williams and Williams. (2002)
Electronic Materials	<ol style="list-style-type: none"> 1) American Family Physician Journal http://www.aafp.org/afp/ 2) World Health Organization (WHO) http://www.who.int 3) WONCA Global Family Doctor

	http://www.globalfamilydoctor.com/ 4) The PYXERA Global Approach http://www.cdc.org
Other Learning Materials	-Power points

Related check lists (include the sample ckecklist /ruberic)

*PBL

Assignment

Clinical skills checklist

*Presentation checklist

Project checklist

Workshop checklist

(Checklist must be aligned with the learning outcomes)

PBL Checklist

A. Learning and cognitive skills:

S.No	Ability of the student to	Marks	Marks Obtained
1.	Attend to PBL session on time	0.5	
2.	Take active roles such as scribing/ becoming a leader	0.5	
3.	Identify New/difficult words in the case	1.0	
4.	Participate effectively during the session (Sharing appropriate ideas and information)	1.0	
5.	Interpret the case and the related findings	1.0	
6.	Generate learning issues	1.0	
	Total marks for Session 1	5.0	

B. Interaction and participation to group function:

S.No	Ability of the student to	Marks	Marks Obtained
1.	Build discussion and Maintain good group dynamics	1.0	
2.	Present his/her learning issue effectively	1.0	
3.	Prepare well with all the identified learning issues	1.0	
4.	Manage presentation time well	1.0	
5.	Communicate effectively and discuss collaboratively with other members	0.5	
6.	Ask and answer questions relevant to the topic	0.5	
	Total marks for Session 2	5.0	

Presentation checklist

S.No	Ability of the student to	Marks	Marks Obtained
1	Present her topic effectively	1.5	
2	Manage presentation time well	1.5	
3	Ask questions/answer questions reasonably well.	1	
4	Provide correct references	1	
	Total marks	5	

Course quality evaluation

After the end of the course, please give your **FEEDBACK** through the following QR code:

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and	Students	Indirect assessment

Evaluation Areas/Issues	Evaluators	Evaluation Methods
assessment		
Extent of achievement of course learning outcomes	Instructor Students	Direct assessment Indirect assessment
Quality of learning resources	Student	Indirect assessment



H. Specification Approval Data

Council / Committee	Family & Community Medicine department committee
Reference No.	1210611
Date	The 2 nd minutes of the Family & community Medicine Council for the academic year 1443/1444 on 23/10/2022