Course Specifications

Course Title:	**Block & Clerkship Movement (Block 4.4)**
Course Code:	1000404
Program:	**Bachelor of Medicine, Bachelor of Surgery (MBBS)**
Department:	**Surgery**
College:	**Medicine**
Institution:	**King Faisal University**

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A. Course Identification

1. Credit hours: 6
2. Course type **a.** University ☐ College ☑ Department ☐ Others ☐ **b.** Required ☑ Elective ☐
3. Level/year at which this course is offered: 4th year
4. Pre-requisites for this course (if any)**:** **Pass in all blocks and professional development lines – year 1, year 2 and year 3**
5. Co-requisites for this course (if any)**:**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	134	100%
2	**Blended**		
3	**E-learning**		
4	**Correspondence**		
5	**Other**		

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	**Lecture**	8
2	**Laboratory/Studio**	54
3	**Tutorial**	8
4	**Others** (hospital rotation)	64
	Total	134
Other Learning Hours*		
1	**Study**	120
2	**Assignments**	0
3	**Library**	10
4	**Projects/Research Essays/Theses**	46
5	**Others** (specify)	
	Total	166

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description

Learn the fundamentals of Neurology, Orthopedics including Spine, Rehabilitation and Rheumatology, Psychiatry & Ophthalmology clinical specialties.

2. Course Main Objective

1. To equip the student with the basic knowledge of Neurology, Orthopedics including Spine, Rehabilitation and Rheumatology, Psychiatry & Ophthalmology to secure foundation in the subject on which they can subsequently build, whether for general practice, or further specialization.

2. To acquire the ability to diagnose and manage basic cases of Neurology, Orthopedics including Spine, Rehabilitation and Rheumatology, Psychiatry & Ophthalmology patients in primary care settings
3. To Identify possible complications, learn their prevention and management .

3. Course Learning Outcomes

	CLOs		Aligned PLOs
1	**Knowledge:**		
1.1	Describe the etiologies and pathophysiology of common orthopedic, neurological, ophthalmology and psychiatric disease.		K 1
1.2	Discuss the clinical features, differential diagnosis, and related diagnostic testing and management of common orthopedic, neurological, ophthalmology and psychiatric disease.		K2
2	**Skills :**		
2.1	Complete a patient's history and physical exam in a logical organized and thorough manner		S 1
2.2	Evaluate and prioritize problems with which a patient presents, appropriately synthesizing these into logical clinical syndromes.		S 1
2.3	Summarize basic diagnostic tools and select a plan of management for common neurological/ orthopedic/ psychiatric/ ophthalmic disorders		S 4
2.4	Demonstrate use of interpersonal communication skills during history taking and examination of cases throughout the clinical training period		S6
2.5	Demonstrate the ability to communicate effectively with , physicians, and other health professionals.		S8
3	**Competence:**		
3.1	Perform general examination in logical organized and thorough manner		C 2
3.2	Perform examination of all relevant systems- neurological, musculoskeletal, mental and Ocular in logical organized and thorough manner		C 2
3.3	Develop and implement a suitable plan of care for different patient problems in a shared view with Patients, relatives and peers.		C3
3.4	Demonstrate the ability to work in team and follow the professional and legal standards and effective communication with the other colleques.		C 3

C. Course Content

No	List of Topics	Contact Hours
1	Nervous system examination	8
2	Disorders of the central nervous system	9
3	Spinal cord disorders	1
4	Large Joint Examination	8
5	Approach to a polytrauma patient	1
6	Approach to a patient with joint pain	5
7	Sports Injuries	2
8	Long-bone Fractures and its complications	2
9	Psychiatric examination of adult	2
10	Psychiatric examination of adolescent & child	2
11	Approach to patient with psychosis	3
12	Approach to patient with neurosis	3
13	Examination of eye	2
14	Approach to a patient with red eye	1
15	Approach to a patient with visual disorders	4
16	Internal eye disorders	2
17	Occular emergencies	1
Total		56

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge**		
1.1	Describe the etiologies and pathophysiology of common orthopedic, neurological, ophthalmology and psychiatric disease.	Simulation Small group discussion Hospital based teaching – bed side and outpatient.	1.Final term MCQ will test direct knowledge acquisition related to the objective 2.Student case presentations (formative) mini CEX 3.Clinical exam (OSCE) 4.Interactive seminar and CPC will test direct knowledge acquisition related to the objective
1.2	Discuss the clinical features, differential diagnosis, and related diagnostic testing and management of common orthopedic, neurological, ophthalmology and psychiatric disease.	Simulation Small group discussion Hospital based teaching – bed	1.Final term MCQ will test direct knowledge acquisition related to the objective

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
		side and outpatient.	2.Student case presentations (formative) mini CEX 3.Clinical exam (OSCE) 4.Interactive seminar and CPC will test direct knowledge acquisition related to the objective
2.0	**Skills**		
2.1	Complete a patient's history and physical exam in a logical organized and thorough manner	Simulation Small group discussion Hospital based teaching – bed side and outpatient	Clinical exam (OSCE)
2.2	Evaluate and prioritize problems with which a patient presents, appropriately synthesizing these into logical clinical syndromes.	Simulation Small group discussion Hospital based teaching – bed side and outpatient	Student case presentations (formative) mini CEX
2.3	Summarize basic diagnostic tools and select a plan of management for common neurological/ orthopedic/ psychiatric/ ophthalmic disorders	Simulation Small group discussion Hospital based teaching – bed side and outpatient	1. Student case presentations (formative) mini CEX 2. Clinical exam (OSCE) 3. .Interactive seminar and CPC
2.4	Demonstrate use of interpersonal communication skills during history taking and examination of cases throughout the clinical training period	Simulation Small group discussion Hospital based teaching – bed side and outpatient	Student case presentations (formative) mini CEX
2.5	Demonstrate the ability to communicate effectively with , physicians, and other health professionals.	Simulation Small group discussion Hospital based teaching – bed side and outpatient	1. Student case presentations (formative) mini CEX 2. Clinical exam (OSCE) 3. .Interactive seminar and CPC
3.0	**Competence**		
3.1	Perform general examination in logical organized and thorough manner	Simulation Small group discussion	1. Student case presentations (formative) mini CEX 2. Clinical exam (OSCE)

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
		Hospital based teaching – bed side and outpatient	
3.2	Perform examination of all relevant systems- neurological, musculoskeletal, mental and Ocular in logical organized and thorough manner	Simulation Small group discussion Hospital based teaching – bed side and outpatient	1. Student case presentations (formative) mini CEX 2. Clinical exam (OSCE)
3.3	Develop and implement a suitable plan of care for different patient problems in a shared view with Patients, relatives and peers.	Simulation Small group discussion Hospital based teaching – bed side and outpatient	1.Student case presentations (formative) mini CEX 2.Clinical exam (OSCE) 4.Interactive seminar and CPC
3.4	Demonstrate the ability to work in team and follow the professional and legal standards and effective communication with the other colleques.	Simulation Small group discussion Hospital based teaching – bed side and outpatient	1.Student case presentations (formative) mini CEX 2.Clinical exam (OSCE) 3.Interactive seminar and CPC

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score out of 100%
Midblock	MCQ	Week 4	10%
	Problem solving	Week 4	5%
	Formative assessment (CTC)	Week 4	15%
Final Exam	MCQ	Week 8	20%
	Problem solving	Week 8	5%
	Clinical exam	Week 8	30%
	Formative assessment (Hospital assessment)	Week 8	15 %

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice : Students in need of academic accommodations may consult the faculty during office hours and are required to give reasonable notice prior to requesting an accommodation.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	A. Mac Leod's clinical examination 11th edition Elsevier (N: Newer edition -13th is available but at present the library has only the 11th edition so the manual has been prepared with the 11th edition, however if we can get the newer edition, we can modify the manual accordingly) B. Kumar and Clarks's clinical medicine 8th edition Elsevier C. Rang and Dale pharmacology 7th edition Elsevier(N: newer edition is available but student have already been using the 7th edition) D. Principles of Neurology by Adams and Victor, 10th Ed. E. Aplyes system of orthopedic and tauma 10th edition. F. Textbook of Psychiatry by Geddes, 4th Ed. G. Ophthalmology: A Pocket Textbook & Atlas by G Lang, 2nd Ed.
Essential References Materials	
Electronic Materials	List Electronic Materials, Web Sites, Facebook, Twitter, etc. **British National Formulatory** **Journal of Bone & Joint Surgery (JBJS-American & JBJS – British)** **Orthobullets.com** **Inkling.com** **Slideshare.com** **Easyauscultation.com** **Uptodate.com**
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	**Lecture room with suitable chairs number , with multimedia facilities** ***Available, sufficient , well furnished, well equipped with multimedia***
Technology Resources (AV, data show, Smart Board, software, etc.)	Are available
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	**OPD /bedside teaching facilities with basic equipment for all specialties**

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Course Objectives, Content and Learning Outcomes	Curriculum Committee	Course Review Course Report
Effectiveness of teaching	Students	Course Evaluation Survey (QMS Annex B)
Achievement of course learning outcomes	Course Faculty	Moderation (QMS Annex G and Annex H)
Assessment	Course Faculty	Verification
Learning Resources and Facilities	Students Faculty	Course Evaluation Survey Course Report
Student Academic Counseling and Support	Students	Course Evaluation Survey
Course Quality Management	Program Coordinator	Course Report Review

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	College Council
Reference No.	2
Date	September 24, 2019