



Course Specifications

Course Title:	Professional Skills II
Course Code:	PRO244
Program:	Bachelor of Medicine, Bachelor of Surgery (MBBS)
Department:	NA
College:	College of Medicine
Institution:	Alfaisal University

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A. Course Identification

1. Credit hours: 2 (0+4+0)
2. Course type
a. University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered: Sem 4, Year 2
4. Pre-requisites for this course (if any): Sem 1 and 2
5. Co-requisites for this course (if any): None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Clinical Skills Training Small group sessions	30	100%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	
2	Laboratory/Studio	
3	Tutorial	
4	Others (specify)	30
	Total	30

B. Course Objectives and Learning Outcomes

1. Course Description

Professional Skills II Course (PRO-244) runs for 16-weeks parallel to the four blocks of semester-4 curriculum NEU (10-weeks) and HNS (6 weeks). The skills taught in this course are in line with the blocks taken during the semester.

2. Course Main Objective

The course assists medical students to integrate critical thinking with practical skills through developing connections between basic science knowledge and clinical presentation. Training involves history taking, symptomatology recognition, physical examination, common diagnostic methods, and the acquisition and deployment of necessary procedural skills related to system blocks (Neuro and HNS).

3. Course Learning Outcomes

	CLOs	Aligned PLOs
1	Knowledge and Understanding	

CLOs		Aligned PLOs
1.1		
1.2		
1.3		
2	Skills :	
2.1	<p>Obtain a complete Medical History of related systems (NEURO & HNS).</p> <p>Conduct medical interview related to given presenting complaints:</p> <ul style="list-style-type: none"> • Headache • Blackout • Numbness • Double-vision • Weakness • Seizure • Alertness & Orientation • Memory & Language • Meningitis • Stroke 	PLO13,24
2.2	<p>Perform general and focused Physical Exam (PEX) related to clinical presentation of the system (NEURO & HNS).</p> <ol style="list-style-type: none"> 1. Perform Physical Examination and carry out selected set of procedures for the Sensory System: <ul style="list-style-type: none"> • Superficial and deep sensations (light touch, pain, temperature, pressure, vibration, proprioception) • Dermatome recognition • Two-point discrimination, sensory extinction & stereognosis 2. Perform Physical Examination and carry out selected set of procedures for examination of the Motor System: <ul style="list-style-type: none"> • Muscle bulk of upper and lower limbs • Muscle tone of upper and lower limbs • Muscle power of upper and lower limbs • Deep tendon reflexes of upper and lower limbs • Clonus • Plantar response and abdominal reflex 3. Perform Physical Examination and carry out selected set of procedures for examination of Cerebellar Function, Coordination & Gait: <ul style="list-style-type: none"> • Nystagmus • Rapid alternating movements • Finger-to-nose test • Finger-to-finger test • Heel-to-chin test • Types of abnormal movements • Types of gaits 4. Perform Physical Examination and carry out selected set of procedures: <ul style="list-style-type: none"> • Higher mental function 	PLO14,15,24

CLOs		Aligned PLOs
	<ul style="list-style-type: none"> • Mini-Mental Status • Alertness • Orientation • Memory • Language • Concentration • Attention • Lumbar Puncture 5. Perform Physical Examination and carry out selected set of procedures relevant organ system: <ul style="list-style-type: none"> • Oral cavity (general) • Salivary glands • Nose • Ear (general and hearing acuity) • Eye (visual acuity, visual fields, pupillary responses, ocular motility, fundoscopy) • Cranial nerves: CN I, II, III, IV, V, VI, VII, VIII, IX, X, XI, XII 	
2.3	Document Hx and PEx findings accurately and skillfully	PLO13,14
2.4	Present history and physical findings comfortably in front of preceptor and peers	PLO13,14
3	Values:	
3.1	Adhere to the attendance policy.	
3.2	Maintain professional conduct with colleagues, faculty, and staff.	PLO27

C. Course Content

No	List of Topics	Contact Hours
1	Focused History Taking: Nervous System	6
2	Perform Physical Examination of Sensory System	4
3	Perform Physical Examination of Motor System	4
4	Perform Physical Examination: Cerebellum, Coordination and Gait	4
5	Perform Physical Examination of Higher Mental Function and carry out selected set of procedures e.g. Lumbar puncture	4
6	Focused History Taking: Head, Neck & Special Senses	4
7	Perform Physical Examination and carry out selected set of procedures relevant organ system	4
Total		30

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 and Understanding		
1.1			
1.2			

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.3			
2.0	Skills		
2.1	<p>Obtain a complete Medical History of related systems (NEURO & HNS). Conduct medical interview related to given presenting complaints:</p> <ul style="list-style-type: none"> • Headache • Blackout • Numbness • Double-vision • Weakness • Seizure • Alertness & Orientation • Memory & Language • Meningitis • Stroke 	<p>Hands on practice training with simulated patients</p> <p>Patient encounter under clinical guidance of clinicians in the teaching hospital</p>	<p>Formative and summative assessment – namely OPE (Observed Performance Evaluation) during the sessions and OSCE (Objective Structured Clinical Examination), respectively.</p>
2.2	<p>Perform general and focused Physical Exam (PEX) related to clinical presentation of the system (NEURO & HNS).</p> <ol style="list-style-type: none"> 1. Perform Physical Examination and carry out selected set of procedures for the Sensory System: <ul style="list-style-type: none"> • Superficial and deep sensations (light touch, pain, temperature, pressure, vibration, proprioception) • Dermatome recognition • Two-point discrimination, sensory extinction & stereognosis 2. Perform Physical Examination and carry out selected set of procedures for examination of the Motor System: <ul style="list-style-type: none"> • Muscle bulk of upper and lower limbs • Muscle tone of upper and lower limbs • Muscle power of upper and lower limbs • Deep tendon reflexes of upper and lower limbs • Clonus • Plantar response and abdominal reflex 	<p>Hands on practice training with simulated patients</p> <p>Patient encounter under clinical guidance of clinicians in the teaching hospital</p>	

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	<p>3. Perform Physical Examination and carry out selected set of procedures for examination of Cerebellar Function, Coordination & Gait:</p> <ul style="list-style-type: none"> • Nystagmus • Rapid alternating movements • Finger-to-nose test • Finger-to-finger test • Heel-to-chin test • Types of abnormal movements • Types of gaits <p>4. Perform Physical Examination and carry out selected set of procedures:</p> <ul style="list-style-type: none"> • Higher mental function • Mini-Mental Status • Alertness • Orientation • Memory • Language • Concentration • Attention • Lumbar Puncture <p>5. Perform Physical Examination and carry out selected set of procedures relevant organ system:</p> <ul style="list-style-type: none"> • Oral cavity (general) • Salivary glands • Nose • Ear (general and hearing acuity) • Eye (visual acuity, visual fields, pupillary responses, ocular motility, fundoscopy) • Cranial nerves: CN I, II, III, IV, V, VI, VII, VIII, IX, X, XI, XII 		
2.3	Document Hx and PEx findings accurately and skillfully.	<p>Hands on practice training with simulated patients</p> <p>Patient encounter under clinical</p>	

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
		guidance of clinicians in the teaching hospital	
2.4	Present history and physical findings comfortably in front of preceptor and peers.	Hands on practice training with simulated patients Patient encounter under clinical guidance of clinicians in the teaching hospital	
3.0	Values		
3.1	Adhere to the attendance policy.		Continuous assessment
3.2	Maintain professional conduct with colleagues, faculty, and staff.		Continuous assessment

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm OSCE	10	20%
2	Final OSCE	18	70%
3	OPE	All	10%

*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:

The CoM program established its own mentorship program that employs all full-time faculty as mentors. Through this program, every medical student in the program is assigned a mentor at the beginning of their first semester of studies. The program has a broad scope covering academic advising and counseling. The mentors handle all aspects related to academic advising, including academic planning, academic performance review, advice on course drop or withdrawal, study skills, and time management.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Bates' Guide to Physical Examination & History Taking, Lynn S. Bickley, Ed 12, 2016 Wolters Cluver. ISBN 9781469893419
Essential References Materials	Alfaisal eLearning Portal

Electronic Materials	Alfaisal eLearning Portal
Other Learning Materials	Skills checklists, handouts, videos and video links

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	11 rooms on 2 nd floor, 3 rooms on 1 st floor & 4 rooms on ground floor of the department of clinical skills
Technology Resources (AV, data show, Smart Board, software, etc.)	AV (Audio-Visual), Smartboard, Moodle (E-learning Management)
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	List of Updated inventory attached

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Course and Faculty Evaluation Survey	Students	Survey

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	
Reference No.	
Date	