



## Course Syllabus - MBBCh

<b>1. Academic Unit Name: Internal Medicine Course Code: MED521</b>		
<b>2. Credit/contact hours:</b>	<b>Theory Hours</b> 150	<b>Practical Hours</b> 400
<b>3. Number of weeks</b>	<b>20 weeks</b>	
<b>4. Level/year at which this course is offered:</b>	<b>Y4S2, Y5</b>	
<b>5. Pre-requisites for this course (if any): Completion of basic sciences</b>		
<b>6. Co-requisites for this course (if any): none</b>		

### Course Description

The Internal Medicine Clinical Clerkship is a required rotation done at one of several clerkship sites in UAE healthcare facilities. This course is designed to develop the students' logical approach to the diagnosis and treatment of common medical conditions. This involves obtaining a complete history, eliciting and assessing information from the patient, performing a competent physical examination, and formulating a differential diagnosis list in order of probability with a diagnostic and management plan.

The overall objective of the clerkship in Internal Medicine is to ensure that every student develops a systematic and effective approach to clinical problem solving in adult patients. Each student will obtain a precise, thorough, and reliable medical history and perform a complete and accurate physical examination on two to three new patients every week. The student is expected to integrate medical facts and clinical data, weigh alternatives, and understand the limits of knowledge and incorporate risk and benefit analysis in the care of the patients they are following. Finally, the student is expected to demonstrate integrity, respect, professionalism and compassion. The internal medicine rotation consists of lectures, seminars, data interpretation and case scenarios, plus students will practice medicine in the hospital doing rounds, attending clinics and evaluating the patients.

### Course Learning Outcomes

	Knowledge CLOs	Aligned-PLOs

<b>Knowledge CLOs</b>		<b>Aligned-PLOs</b>
K1	Describe the common medical problems presenting to doctors at different health care levels with emphasis on their diagnosis, prevention and treatment.	A2
K2	Describe the causes, clinical manifestations, and the management of cardiovascular, haematologic, respiratory, gastrointestinal, endocrine, musculoskeletal, urinary, dermatologic, neural, and psychological problems	A2
K3	Apply the principles of body defense mechanisms against infections and describe Primary and secondary immune defense mechanisms and various strategies for the prevention and the prophylaxis against infections.	A3
K4	Discuss the normal aging process in terms of physiologic and clinical manifestations and identify age related diseases and variable causes of disability in the elderly.	A2
K5	Correlate genetics with health and disease status knowing the basic principles of gene therapy and genetic counseling.	A3
K6	Point out appropriate measures for prevention of diseases.	A3
K7	Describe the clinical manifestations and differential diagnosis of the common medical disorders with an emphasis on the incidence of the different manifestations and their relative importance in establishing	A2
K8	Describe the Epidemiology of the common adult infectious diseases, and develop a diagnostic approach for the common infectious diseases	A2
<b>Skills CLOs</b>		<b>Aligned PLOs</b>
S1	Decide, for each of the common medical conditions, the etiology and pathophysiology, the natural history, the presenting symptoms and signs, the laboratory tests and/or imaging studies to confirm the diagnosis, and the plan for initial management	B2
S2	Obtain from a patient an accurate focused or complete medical history based on the presenting complaint and appropriate to the clinical setting	B1
S3	Perform an accurate focused or complete physical examination appropriate to the clinical setting.	B1
S4	Prioritize patients' problems, formulate appropriate differential diagnoses, and develop plans for diagnosis and management	B1
S5	Communicate to patients, families and caregivers the diagnosis, prognosis and treatment plan for their condition, and educate them about beneficial lifestyle behaviors and preventive health measures.	B3
S6	Perform in a simulator environment routine procedure commonly required for the evaluation and care of patients, including	B2

Knowledge CLOs		Aligned-PLOs
	venipuncture, bladder catheterization, arterial puncture, insertion of peripheral intravenous catheters, fecal occult blood tests, electrocardiograms, insertion of nasogastric tubes, use of sterile technique, and use of universal precautions.	
Attitude CLOs		Aligned PLOs
A1	Respect the patient's best interest is the main motivation and reason to put management and not physician financial best interest.	C4
A2	Recognize the basics of health and patient's safety during clinical practice.	C4
A3	Prioritize to patients' triage based on their clinical conditions, seriousness but not on gender, nationality or culture	C4
A4	Prepare and maintain in an accepted format the medical record of the evaluation and care of inpatients and outpatients, including written or electronic entry of a complete history and physical examination, progress notes, procedure notes, clinic visit notes, physician's orders, and prescriptions for medications.	C1
A5	Communicate orally with other members of the health care team regarding the evaluation and care of a patient. This includes giving case presentations to ward teams, attending physicians, and consultants, and verbal instructions to ancillary health care personnel.	C2
A6	Implement clinical practice at the level of general medical practitioner with supervision of consultants/specialists in primary care setting knowing the limitations of each level.	C3

### Course Delivery Plan:

#### Term I Lectures:

Week 1 (7 – 13 Feb 2022)	Time	Lecture Topics/Presenters
Tuesday 08.02.2022	14:00 – 15:00 Hrs	As per Surgery Schedule
Friday 11.02.2022	08:00 – 09:00 Hrs	Rheumatology (1) (Crystal Arthropathies – Dr Nasir Elamin)
	09:15 – 10:15 Hrs	As per Surgery Schedule
	10:30 – 11:30 Hrs	Rheumatology (2) (Vasculitis – Dr Wafae Rachidi)
	11:45 – 12:45 Hrs	As per Surgery Schedule
	15:00 – 16:00 Hrs	Nephrology (1) (Chronic Renal Failure – Dr Railey)
Week 2 (14 – 20 Feb 2022)	Time	Lecture Topics/Presenters
Tuesday 15.02.2022	15:00 – 16:00 Hrs	Nephrology (2) (Diabetic Kidney Disease – Dr Railey)
Week 3		

<b>(21 – 27 Feb 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 22.02.2022</b>	15:00 – 16:00 Hrs	<b>As per Surgery Schedule</b>
<b>Friday 25.02.2022</b>	08:00 – 09:00 Hrs	Rheumatology (3) (Sjogren's Syndrome – Dr Naureen Ali)
	09:15 – 10:15 Hrs	<b>As per Surgery Schedule</b>
	10:30 – 11:30 Hrs	Rheumatology (4) (Antiphospholipid Syndrome – Dr Neama Salah)
	11:45 – 12:45 Hrs	<b>As per Surgery Schedule</b>
	15:00 – 16:00 Hrs	Nephrology (3) (Kidney & Systemic Disease – Dr Railey)
<b>Week 4 (28 Feb – 06 Mar)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 01.03.2022</b>	15:00 – 16:00 Hrs	Nephrology (4) (Radiocontrast Nephropathy – Dr Railey)
<b>Week 5 (7 – 13 Mar 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 08.03.2022</b>	14:00 – 15:00 Hrs	<b>As per Surgery Schedule</b>
<b>Friday 11.03.2022</b>	08:00 – 09:00 Hrs	Haematology (1) (Anaemia – Dr Hasan Al Yassin)
	09:15 – 10:15 Hrs	<b>As per Surgery Schedule</b>
	10:30 – 11:30 Hrs	Rheumatology (3) (Spondyloarthritis – Dr Wafae Rachidi)
	11:45 – 12:45 Hrs	<b>As per Surgery Schedule</b>
	15:00 – 16:00 Hrs	Nephrology (5) (Renal Hypertension – Dr Railey)
<b>Week 6 (14 – 20 Mar 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 15.03.2022</b>	15:00 – 16:00 Hrs	Rheumatology (4) (Polymyositis – Dr Naureen)
<b>Week 7 (21 – 27 Mar 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 22.03.2022</b>	15:00 – 16:00 Hrs	<b>As per Surgery Schedule</b>
<b>Friday 25.03.2022</b>	08:00 – 09:00 Hrs	<b>As per Surgery Schedule</b>
	09:15 – 10:15 Hrs	<b>As per Surgery Schedule</b>
	10:30 – 11:30 Hrs	Haematology (2) (ITP – Dr Hasan Al Yaseen)
	11:45 – 12:45 Hrs	Rheumatology (5) (Osteoarthritis – Dr Nasir Elamin)
<b>28<sup>th</sup> March to 1<sup>st</sup> April 2022</b>		<b>Mid-Semester Break</b>

<b>Week 8 (04 – 08 April 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 05.04.2022</b>	14:30 – 15:30 Hrs	Haematology (3) (Haemolytic Anaemia – Dr Hasan Al Yassin)
<b>Week 9 (11 – 15 April 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday</b>		

<b>12.04.2022</b>	14:30 – 15:30 Hrs	<b>As per Surgery Schedule</b>
<b>Friday 15.04.2022</b>	09:00 – 10:00 Hrs	Haematology (4) (Sickle Cell Anaemia – Dr Hasan Al Yassin)
	10:15 – 11:15 Hrs	<b>As per Surgery Schedule</b>
	14:30 – 15:30 Hrs	<b>As per Surgery Schedule</b>
<b>Week 10 (18 – 22 April 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 19.04.2022</b>	14:30 – 15:30 Hrs	Rheumatology (6) (Systemic Lupus Erythematosus – Dr Faisal Elbedawi)
<b>Week 11 25 – 29 April 2022)</b>		
<b>Tuesday 26.04.2022</b>	14:30 – 15:30 Hrs	<b>As per Surgery Schedule</b>
<b>Friday 29.04.2022</b>	09:00 – 10:00 Hrs	Haematology (5) (Megaloblastic Anaemia – Dr Hasan Al Yassin)
	10:15 – 11:15 Hrs	<b>As per Surgery Schedule</b>
	14:30 – 15:30 Hrs	<b>As per Surgery Schedule</b>

<b>Week 12 (02 – 06 May 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
		<b>Eid Al Fitr Holidays</b>
<b>Week 13 (09 – 13 May 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 11.05.2022</b>	15:00 – 16:00 Hrs	<b>As per Surgery Schedule</b>
<b>Friday 13.05.2022</b>	08:00 – 09:00 Hrs	--
	09:15 – 10:15 Hrs	<b>As per Surgery Schedule</b>
	10:30 – 11:30 Hrs	Haematology (6) (Aplastic Anaemia – Dr Hasan Al Yassin)
	11 :45 – 12:45 Hrs	<b>As per Surgery Schedule</b>
<b>Week 14 (16 – 20 May 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Tuesday 17.05.2022</b>	15:00 – 16:00 Hrs	Haematology (7) (Multiple Myeloma – Dr Hasan Al Yassin)
<b>Week 15 (23 – 27 May 2022)</b>		
<b>Tuesday 24.05.2022</b>	15:00 – 16:00 Hrs	<b>As per Surgery Schedule</b>
<b>Friday 27.05.2022</b>	08:00 – 09:00 Hrs	Rheumatology (7) (Osteoporosis – Dr Ahmed Negm)
	09:15 – 10:15 Hrs	<b>As per Surgery Schedule</b>
	10:30 – 11:30 Hrs	Haematology (8) (Acute Leukaemias – Dr Hasan Al Yassin)
	11:45 – 12:45 Hrs	<b>As per Surgery Schedule</b>

<b>Week 16</b>		
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(30 May - 03 June)	Time	Lecture Topics/Presenters
Tuesday 31.05.2022	15:00 – 16:00 Hrs	Nephrology (6) (Glomerulonephritis – Prof Mona Al-Rukhaimi)
Week 17 (06 – 10 June 2022)	Time	Lecture Topics/Presenters
Tuesday 07.06.2022	15:00 – 16:00 Hrs	<b>As per Surgery Schedule</b>
Friday 10.06.2022	08:00 – 09:00 Hrs	Rheumatology (8) (Polymyositis – Dr Ahmed Negm)
	09:15 – 10:15 Hrs	<b>As per Surgery Schedule</b>
	10:30 – 11:30 Hrs	Rheumatology (9) (Rheumatoid Arthritis – Dr Mohamed Gamal)
	11 :45 – 12:45 Hrs	<b>As per Surgery Schedule</b>
Week 18 (13 – 17 June 2022)	Time	Lecture Topics/Presenters
Tuesday 14.06.2022	15:00 – 16:00 Hrs	Nephrology (7) (Assessment of Kidney function – Prof Mona Al-Rukhaimi)

### Term II Lectures:

Week 4 (22 – 26 Aug 2022)	Time	Lecture Topics/Presenters
Friday – 26.08.2022		<b>No Lectures in Medicine</b>
Week 5 (29 Aug – 02 Sept)	Time	Lecture Topics/Presenters
Friday – 02.09.2022	08:00 – 08:45 Hrs (Virtual Session)	Gastroenterology (1) (G.I. Bleeding – Prof Mustafa Sabri)
	09:00 – 09:45 Hrs (Virtual Session)	Neurology (1) (Introduction to Neurology – Dr Yasmine Kamal)
Week 6 (05 – 09 Sept 2022)	Time	Lecture Topics/Presenters
Friday – 09.09.2022	08:00 – 09:30 Hrs (Virtual Session)	Neurology (2 & 3) 1. Clinical Aspects of Ischaemic Stroke 2. Clinical Aspects of Haemorrhagic Stroke (Dr Maria Khan Junaidi)
Week 7 (12 – 16 Sept 2022)	Time	Lecture Topics/Presenters
Thurs – 15.09.2022	14:00 – 15:30 Hrs (DMCG Campus)	Cardiology (1) (Coronary Artery Disease - Dr Amjad Al Nuaimy)
Friday – 16.09.2022	08:00 – 08:45 Hrs (Virtual Session)	Neurology (4) (Epilepsy – Prof Jihad Inshasi)
	09:00 – 09:45 Hrs (Virtual Session)	Infectious Disease (1) (CNS Infections – Dr Dujana Hamed)
Week 8 (19 – 23 Sept 2022)	Time	Lecture Topics/Presenters
	14:00 – 15:00 Hrs	Gastroenterology (2)

<b>Thurs – 22.09.2022</b>	<b>(DMCG Campus)</b>	(Esophageal Disorders - Prof Mustafa Sabri)
<b>Friday – 23.09.2022</b>	08:00 – 08:45 Hrs <b>(Virtual Session)</b>	Neurology (5) (LMN Disease – Dr Yasmine Kamal)
	09:00 – 09:45 Hrs <b>(Virtual Session)</b>	Infectious Disease (2) (Infectious Gastroenteritis – Dr Dujana Hamed)

<b>Week 9 (26 – 30 Sept 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Thurs – 29.09.2022</b>	14:00 – 15:00 Hrs <b>(DMCG Campus)</b>	Gastroenterology (3) (Approach to Chronic Liver Disease Patient – Prof Sabri)
<b>Friday – 30.09.2022</b>	08:00 – 08:45 Hrs <b>(Virtual Session)</b>	Neurology (6) (Multiple Sclerosis – Prof Jihad Inshasi)
	09:00 – 09:45 Hrs <b>(Virtual Session)</b>	
<b>Week 10 (03 – 07 Oct 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Thurs – 06.10.2022</b>	14:00 – 15:00 Hrs <b>(DMCG Campus)</b>	Gastroenterology (4) (Liver Cirrhosis, Complications and Management – Prof Sabri)
<b>Friday – 07.10.2022</b>	08:00 – 08:45 Hrs <b>(Virtual Session)</b>	Neurology (7) (CNS Infections – Dr Maria Khan)
	09:00 – 09:45 Hrs <b>(Virtual Session)</b>	IDU (3) (Amoebic Infection and Brucellosis – Dr Dujana)
<b>Week 11 (10 – 14 Oct 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Thurs – 13.10.2022</b>	14:00 – 15:00 Hrs <b>(DMCG Campus)</b>	Cardiology (2) (Hypertension – Dr Amjad Al Nuaimy)
<b>Friday – 14.10.2022</b>	08:00 – 09:30 Hrs <b>(Virtual Session)</b>	Neurology (8) (Parkinson’s Disease – Prof Jihad Inshasi)
	09:00 – 09:45 Hrs <b>(Virtual Session)</b>	IDU (4) (HIV Infection – Dr Dujana)
<b>Week 12 (17 – 21 Oct 2022)</b>	<b>Time</b>	<b>Lecture Topics/Presenters</b>
<b>Thurs – 20.10.2022</b>	14:00 – 15:00 Hrs <b>(DMCG Campus)</b>	Cardiology (3) (Cardiomyopathies - Dr Amjad Al Nuaimy)
<b>Friday – 21.10.2022</b>	08:00 – 08:45 Hrs <b>(Virtual Session)</b>	Neurology (9) (Ataxia – Dr Yasmine Kamal)
	09:00 – 09:45 Hrs <b>(Virtual Session)</b>	IDU (5) (Viral Haemorrhagic Fever – Dr Dujana)

**Rotation calendar:**

**CALENDAR - BATCH 33**

**SY- 2022-2023**

Department	Term	Group	Roll Number	Start Date	End Date	Total Weeks
PHC	1	A&B	1 to 23	7-Feb-22	20-May-22	14
Surgery	1	C&D	24 to 45	7-Feb-22	17-Jun-22	18
Medicine	1	E&F	46 to 67	7-Feb-22	17-Jun-22	18
PHC Group rotation in Surgery/Medicine		A&B	1 to 23	22-May-22	16-Jun-22	4
<b>Mid-Semester Break</b>				<b>28-Mar-22</b>	<b>1-Apr-22</b>	<b>1</b>
PHC	2	C&D	24 to 45	20-Jun-22	4-Nov-22	14
Surgery	2	E&F	46 to 67	20-Jun-22	2-Dec-22	18
Medicine	2	A&B	1 to 23	20-Jun-22	2-Dec-22	18
PHC Group rotation in Surgery/Medicine		C&D	24 to 45	7-Nov-22	2-Dec-22	4
<b>Summer Break</b>				<b>18-Jul-22</b>	<b>26-Aug-22</b>	<b>6</b>
PHC	3	E&F	46 to 67	5-Dec-22	31-Mar-23	14
Surgery	3	A&B	1 to 23	5-Dec-22	28-Apr-23	18
Medicine	3	C&D	24 to 45	5-Dec-22	28-Apr-23	18
PHC Group rotation in Surgery/Medicine		E&F	46 to 67	3-Apr-23	28-Apr-23	4
<b>Winter Break</b>				<b>TBA</b>	<b>TBA</b>	
<b>Mid-Semester Break</b>				<b>TBA</b>	<b>TBA</b>	

Approved by:

**Prof. Dima Abdelmannan**

Professor of Internal Medicine and Vice Dean, Chair of Digital Education Unit - DMC  
 Chair of Digital Education Unit - Dubai Medical College  
 Consultant Endocrinologist, Dubai Diabetes Center

## 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	<b>Knowledge and Skills</b>		
K1	Describe the common medical problems presenting to doctors at different health care levels with emphasis on their diagnosis, prevention and treatment.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
K2	Describe the causes, clinical manifestations, and the management of cardiovascular, haematologic, respiratory, gastrointestinal, endocrine,	Clinical rounds, case discussions, lectures, clinical skills and	Workplace-based assessment activities using Mini-Cex and and final OSCEs



Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	musculoskeletal, urinary, dermatologic, neural, and psychological problems	simulation lab sessions	
K3	List the principles of body defense mechanisms against infections and describe Primary and secondary immune defense mechanisms and apply various strategies for the prevention and the prophylaxis against infections.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
K4	Demonstrate familiarity with the normal aging process in terms of physiologic and clinical manifestations and identify age related diseases and variable causes of disability in the elderly.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
K5	Correlate genetics with health and disease status knowing the basic principles of gene therapy and genetic counseling.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
K6	Point out appropriate measures for prevention of diseases.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
S1	Describe the clinical manifestations and differential diagnosis of the common medical disorders with an emphasis on the incidence of the different manifestations and their relative importance in establishing the diagnosis, and the early manifestations of serious diseases (e.g. malignancy, emergencies ... etc.)	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
S2	Describe the Epidemiology of the common adult infectious diseases, and develop a diagnostic approach for the common infectious diseases	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
S3	Describe, for each of the common medical conditions, the etiology and pathophysiology, the natural history, the presenting symptoms and signs, the laboratory tests and/or imaging studies to confirm the diagnosis, and the plan for initial management	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
S4	Obtain from a patient an accurate focused or complete medical history based on the presenting complaint and appropriate to the clinical setting	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
S5	Perform an accurate focused or complete physical examination appropriate to the clinical setting.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
A1	Make a candidate realize the patient's best interest is the main motivation and reason to put management and not physician financial best interest.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
A2	Observe the basics of health and patient's safety during clinical practice.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
A3	Learning to prioritize to patients' triage based on their clinical conditions, seriousness but not on gender, nationality or culture	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
A4	Prepare and maintain in an accepted format the medical record of the evaluation and care of inpatients and outpatients, including written or electronic entry of a complete history and physical examination, progress notes, procedure notes, clinic visit notes, physician's orders, and prescriptions for medications.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs
A5	Communicate orally with other members of the health care team regarding the evaluation and care of a patient. This includes giving case presentations to ward teams, attending physicians, and consultants, and verbal instructions to ancillary health care personnel.	Clinical rounds, case discussions, lectures, clinical skills and simulation lab sessions	Workplace-based assessment activities using Mini-Cex and and final OSCEs

## 2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score	Date
1	Embedded assessment (WBPA)	Weekly	30%	Term II assessment: 7-9 Nov 2022 Term III assessment: 18-20 April 2023
2	Final (written exam, spotter exam, DOCE and OSCE)	Final	70%	15 May 2023

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

## Learning Resources and Facilities

### 1.Learning Resources

<p><b>Required Textbooks</b></p>	<ul style="list-style-type: none"> <li>• Swartz, M (2020)Text book of physical diagnosis and history taking. Saunders</li> <li>• Bickley, L. S., Szilagy, P. G., Hoffman, R. M., &amp; Soriano, R. P. (2020). <i>Bates' pocket guide to physical examination and history taking</i>. Lippincott Williams &amp; Wilkins.</li> <li>• Talley, N. J., &amp; O'Connor, S. (2013). <i>Clinical examination: a systematic guide to physical diagnosis</i>. Elsevier Health Sciences.</li> <li>• Suneja M, &amp; Szot J.F., &amp; LeBlond R.F., &amp; Brown D.D.(Eds.), (2020). <i>DeGowin's Diagnostic Examination, 11e</i>. McGraw Hill.</li> <li>• Munro, J. F., &amp; Campbell, I. W. (Eds.). (2000). <i>MacLeod's clinical examination</i>. Churchill Livingstone.</li> <li>• Henderson M.C., &amp; Tierney L.M., Jr., &amp; Smetana G.W.(Eds.), <i>The Patient History: An Evidence-Based Approach to Differential Diagnosis</i>. McGraw Hill.</li> <li>• Loscalzo J, &amp; Fauci A, &amp; Kasper D, &amp; Hauser S, &amp; Longo D, &amp; Jameson J(Eds.), <i>Harrison's Principles of Internal Medicine, 21e</i>. McGraw Hill.</li> <li>• Kumar, P., &amp; Clark, M. L. (2012). <i>Kumar and Clark's clinical medicine E-Book</i>. Elsevier health sciences.</li> <li>• Ralston, S. H., Penman, I. D., Strachan, M. W. J., &amp; Hobson, R. (Eds.). (2018). <i>Davidson's principles and practice of medicine</i> (23rd ed.). Elsevier Health Sciences.</li> <li>• Jameson J, &amp; Fauci A.S., &amp; Kasper D.L., &amp; Hauser S.L., &amp; Longo D.L., &amp; Loscalzo J(Eds.), (2020). <i>Harrison's Manual of Medicine, 20e</i>. McGraw Hill.</li> </ul>
<p><b>References Materials</b></p>	<p>UptoDate</p>
<p><b>Electronic Materials</b></p>	<ul style="list-style-type: none"> <li>• <a href="http://stanfordmedicine25.stanford.edu/Videos/">http://stanfordmedicine25.stanford.edu/Videos/</a></li> <li>• <a href="https://batesvisualguide.com/multimedia.aspx?categoryID=21787#21768">https://batesvisualguide.com/multimedia.aspx?categoryID=21787#21768</a></li> <li>• <a href="https://batesvisualguide.com/">https://batesvisualguide.com/</a></li> <li>• <a href="http://www.learnerstv.com/Free-medical-Video-lectures-ltv032-Page1.htm">http://www.learnerstv.com/Free-medical-Video-lectures-ltv032-Page1.htm</a></li> <li>• <a href="http://www.med-ed.virginia.edu/Courses/pom1/videos/index.cfm">http://www.med-ed.virginia.edu/Courses/pom1/videos/index.cfm</a></li> <li>• <a href="https://videos.med.wisc.edu/modules/18">https://videos.med.wisc.edu/modules/18</a></li> </ul>

	<ul style="list-style-type: none"> <li>• <a href="https://www.youtube.com/watch?v=yAR9lfJHIPY">https://www.youtube.com/watch?v=yAR9lfJHIPY</a></li> <li>• <a href="http://www.doctorshangout.com/page/urogenital-system-physical-examination-male">http://www.doctorshangout.com/page/urogenital-system-physical-examination-male</a></li> <li>• Macleod's Clinical Examination – DVD</li> <li>• Clinical assessment of the musculoskeletal system – DVD</li> <li>• Amboss</li> <li>• Aquifer</li> </ul>
<b>Other Learning Materials</b>	

## 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	Training, sites and Clinical skills laboratory and simulation laboratory
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	Online and computer-based digital resources library
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Volunteers and simulated patients

Course Coordinator: Dr. Sadiah: [sadiah@dmcg.edu](mailto:sadiah@dmcg.edu)