



## Course Specifications

<b>Course Title:</b>	<b>Medicine II</b>
<b>Course Code:</b>	<b>613 MED – 5</b>
<b>Program:</b>	<b>Medicine and Surgery</b>
<b>Department:</b>	<b>--</b>
<b>College:</b>	<b>College Of Medicine</b>
<b>Institution:</b>	<b>Najran University</b>

## A. Course Identification

<b>1. Credit hours:</b> <b>5 (2 + 3)</b>
<b>2. Course type</b> a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input type="checkbox"/> Others (program) <input checked="" type="checkbox"/> b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
<b>3. Level/year at which this course is offered:</b> 17 <sup>th</sup> / 6 <sup>th</sup> year
<b>4. Pre-requisites for this course (if any):</b> Medicine I
<b>5. Co-requisites for this course (if any):</b> none

### 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	96	51.6 %
2	Blended	--	--
3	E-learning		
4	Distance learning	--	--
5	Other	90	48.3 %

### 7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	38
2	Tutorial	42
3	SEM	14
4	TBL	2
5	Bed side teaching	90
	<b>Total</b>	<b>186</b>

## B. Course Objectives and Learning Outcomes

### 1. Course Description

This course is the second part of the medicine courses that is designed for students who completed medicine I. There will be emphasis on improving skills of history taking, detection & interpretation of physical signs. Course objectives will be achieved through the lectures, seminars, tutorial, admission round, bedside teaching and the self-directed learning process. This course is 6 weeks duration.

### 2. Course Main Objective

1. To describe the etiology, pathophysiology, clinical manifestation, management and prevention of the common medical disorders.

2. Master the appropriate basic skills, already gained at the completion of MED 1 course, in history taking and physical examination (general and local physical examination) of the patient.
3. Outline the clinical manifestations and management of common medical emergencies.
4. To demonstrate commitment to ethical issues while dealing with patients, patient`s family and hospital staff.

### C. Course Content

No	List of Topics	Contact Hours
	Introduction L 1	1
	ECG L 2	1
	Tachyarrhythmia L 3	1
	Bradyarrhythmia L 4	1
	Acute heart failure L 5	1
	Peripheral arterial disease L 6	1
	Pericardial disorders L 7	1
	Approach to a patient with chest pain TUT 1	2
	Myocarditis and Cardiomyopathies SEM 1	2
	Management of hypertension SEM 2	2
	DVT / Pulmonary embolism L 8	1
	Lung neoplasms L 9	1
	Suppurative lung disease L 10	1
	Approach to a patient with dyspnea TUT 2	2
	Respiratory failure L 11	1
	Bleeding disorders L 12	2
	Blood products L 13	1
	Blood transfusion complications L 14	1
	Approach to patient with fatigue TUT 3	2
	Approach to patient with hypercoagulable status TBL	2
	Anticoagulants L 15	1
	Myeloproliferative diseases L 16	1
	Lymphoma L 17	1
	Blood products L 18	1
	Approach to patient with GIT bleeding TUT 4	2
	Motility disorders of GIT SEM 3	2
	Approach to patient with acute abdominal pain TUT 5	2
	Approach to patient with diarrhea TUT 6	2
	Inflammatory bowel disease SEM 4	2
	Approach to patient with jaundice SEM 5	2
	Visceral leishmaniosis L 19	1
	Management of DM TUT 7	2
	DKA L 20	1

	Chronic Diabetic complications TUT 8	2
	Metabolic syndrome TUT 9	2
	Hyper and hypocalcemia TUT 10	2
	Dyslipidemia and atherosclerosis TUT 11	2
	Treatment of Hyperlipidemia TUT 12	2
	Acute Diabetic complications: hypoglycemia TUT 13	2
	Space occupying lesions L 21	1
	Motor neuron disease L 22	1
	Localization of neurological deficit L 23	1
	Gillian Barre syndrome L 24	1
	Multiple sclerosis L 25	1
	Neuromuscular disorders L 26	1
	Approach to a patient with altered mental status TUT 14	2
	Approach to patient with joint pain and or swelling TUT 15	2
	Crystal arthropathies (gout) L 27	1
	Acid base imbalance TUT 16	2
	Electrolyte disorders TUT 17	2
	Vasculitis L 28	1
	Vit D deficiency / osteomalacia in adults / osteoporosis TUT 18	2
	Fever of unknown origin TUT 19	2
	Viral hemorrhagic fevers L 29	1
	Emergency radiology in medicine 1 L 30	3
	Emergency radiology in medicine 2 L 31	3
	Vesiculobullous diseases SEM 6	2
	Hair disorders derma TUT 20	2
	Pigmentary disorders derma TUT 21	2
	Connective tissue diseases derma L 32	1
	Cutaneous lieshemania L 33	1
	Papulosquamous disorders SEM 7	2
	Dermatological emergencies derma L 34	1
	30 Bed side teaching	90
	<b>Total</b>	<b>186</b>

#### D. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	SEM (Presentation and Discussion of seminar)	Through the course	3 %
2	Mini-CEX and long case	Through the course	10 %
3	TBL		2 %
5	Mid-course exam	4 <sup>th</sup> week	20 %
6	Final written exam	7 <sup>th</sup> week	30 %
7	Slide exam	7 <sup>th</sup> week	5 %

8	Clinical exam (OSCE)	7 <sup>th</sup> week	30 %
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\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

## F. Learning Resources and Facilities

### 1. Learning Resources

<b>Required Textbooks</b>	<p>Davidson's Principles and Practice of Medicine, 23rd Edition 2018          Edited by Brian R. Walker, BSc MD FRCPE FRSE, Nicki R College, BSc (Hons) FRCPE, Stuart H. Ralston, MD FRCP FMedSci FRSE and Ian Penman, BSc MD FRCPE</p> <p>Examination Medicine: a guide to Physician Training / Nicholas J. Talley, Simon O'Connor. New York: Churchill Livingstone, 8<sup>th</sup> edition</p> <p>Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Eighth Edition 8th Edition, Kindle Edition          by Klaus Wolff (Author), Richard C. Johnson (Author), Arturo Saavedra (Author), Ellen K. Roh (Author)</p>
<b>Essential References Materials</b>	<p>Essentials of Kumar &amp; Clark's clinical medicine / Anne Ballinger          Edinburgh ; New York : Saunders, 6<sup>th</sup> edition</p> <p>The ECG made easy / John R. Hampton. Edinburgh ; New York : Churchill Livingstone, 9<sup>th</sup> edition 2013.616.1207547 H J E</p> <p>Chest X-Ray Made Easy 4th Edition          by Jonathan Corne MA PhD MB BS FRCP (Author), Maruti Kumaran MD FRCR (Author)</p> <p>Learning radiology recognizing the basics. William Herring, 4<sup>th</sup> edition</p> <p>Manual of cardiovascular medicine / editors, Brian P. Griffin, Eric J. Topol ; guest editors, Deepu Nair, Kellan Ashley. Philadelphia : Wolters Kluwer Health/Lippincott. Williams &amp; Wilkins, 4th edition          ISBN-13: 978-1451131604          ISBN-10: 1451131607</p> <p>Davidson's essentials of medicine / edited by J. Alastair Innes.          Edinburgh ; New York : Elsevier/Churchill Livingstone 3<sup>rd</sup> edition 2020</p> <p>Harrison's manual of medicine / editors, Anthony S. Fauci ... [et al.].          New York : McGraw-Hill Medical ; London : McGraw-Hill [distributor], 2020</p> <p>Dermatology Essentials by Jean L. Bologna</p> <p>In Bologna, J., In Schaffer, J. V., &amp; In Cerroni, L. (2018). Dermatology.</p> <p>Dermatology: Illustrated Study Guide and Comprehensive Board Review BY Sima Jain</p>

<b>Electronic Materials</b>	A. <a href="http://www.emedicine.com">www.emedicine.com</a> B. <a href="http://www.accessmedicine.com">www.accessmedicine.com</a> C. <a href="http://www.studentconsult.com">www.studentconsult.com</a> D. <a href="http://www.uptodate.com">www.uptodate.com</a>
<b>Other Learning Materials</b>	

## 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	Lecture room suitable for the number of students.
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	Computer and data show in the lecture room
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	<ul style="list-style-type: none"> <li>❖ Skill lab equipped with: <ul style="list-style-type: none"> <li>1- Manikin simulator for heart sounds and other cardiac abnormalities</li> <li>2- Manikin simulator for chest sounds and other chest abnormalities</li> <li>3- Manikin simulator for neurological examination</li> </ul> </li> <li>❖ Teaching hospital for bedside teaching</li> </ul>

## H. Specification Approval Data

<b>Council / Committee</b>	Internal medicine council
<b>Reference No.</b>	4 <sup>th</sup> internal medicine department for academic year 1444
<b>Date</b>	13 / 11 / 2022

Head of the department

Dr Abdulazez El shahrany

Course coordinator

Dr Osama Osman