

T6. Course Specifications

Institution: Najran University	Date of Report: 14 37 - 1438
College/Department: College of Medicine	

A. Course Identification and General Information

1. Course title and code: Medicine 1 591-MED -7			
2. Credit hours: 7 (3+4)			
3. Program(s) in which the course is offered. Medicine and Surgery			
4. Name of faculty member responsible for the course: Dr. Walid Babikr			
5. Level/year at which this course is offered: 9 th level/5 th year			
6. Pre-requisites for this course: preclinical phase (courses of levels from 5 to 8)			
7. Co-requisites for this course : None			
8. Location if not on main campus: Main campus, King Khalid Hospital, NUH			
9. Mode of Instruction (mark all that apply)			
a. Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	<input type="text" value="40"/>
b. Blended (traditional and online)	<input type="checkbox"/>	What percentage?	<input type="text"/>
c. e-learning	<input type="checkbox"/>	What percentage?	<input type="text"/>
d. Correspondence	<input type="checkbox"/>	What percentage?	<input type="text"/>
f. Other	<input checked="" type="checkbox"/>	What percentage?	<input type="text" value="60"/>
Comments:			
Others include BST, SEM, TUT, ER visits and skills lab			

B Objectives

<p>1. What is the main purpose for this course?</p> <ol style="list-style-type: none"> 1) To describe the etiology, pathophysiology, clinical manifestation, management and prevention of the common medical disorders. 2) To perform basic clinical skills including history taking and physical examination. 3) To demonstrate commitment to ethical issues while dealing with patients, patient's family and hospital staff. 4) To be familiar with common medical emergencies.
<p>2. Briefly describe any plans for developing and improving the course that are being implemented. (e.g. increased use of IT or web based reference material, changes in content as a result of new research in the field)</p> <ol style="list-style-type: none"> 1. Continuous updating of the information, knowledge and skills included in the course through the continuous search for new knowledge and skills available in recent publications (books, researches, internet and others). 2. Continuous improvements in teaching methods to encourage the students to participate effectively in the various academic activities. 3. Continuous evaluation of the course contents, student level and establishing improvement plans accordingly.

C. Course Description:

The course is designed to provide an effective education that offers a balance of the theoretical adoption of professional attitudes and practical experiences, which allows the students to develop the competencies necessary to enter a health care profession and to continue their professional development throughout their careers, as well as to help the students to deal with the common adult medical problems.

The emphasis will be on the introductory aspects of adult history taking and approach to adult physical examination, in addition to the practical and theoretical knowledge, which will be learned from the lectures, seminars, bedside teaching and the self-directed learning process.

1. Topics to be Covered		
List of Topics	No. of Weeks	Contact hours
Topics to be covered		
Introduction to the course L	0.02	1(1+0)
History and examination BST	0.07	3(0+3)
Clinical Approach to major CVS symptoms TUT	0.05	2(0+2)
Vital signs SKILL LAB	0.07	3(0+3)
Cardiovascular BST	0.07	3(0+3)
Ischemic heart disease L	0.02	1(1+0)
Heart failure TUT	0.05	2(0+2)
Cardiovascular SKILL LAB	0.07	3(0+3)
Cardiovascular BST	0.07	3(0+3)
Valvular heart diseases L	0.02	1(1+0)
Vital signs SKILL LAB	0.07	3(0+3)
Cardiomyopathy TUT	0.05	1(1+0)
Cardiovascular BST	0.07	3(0+3)
Pericardial disorders L	0.02	1(1+0)
Myocardial disorders L	0.02	1(1+0)
ECG L	0.02	1(1+0)
Infective Endocarditis L	0.02	1(1+0)
Cardiovascular BST	0.07	3(0+3)
Cardiovascular skill lab	0.07	3(0+3)
Rheumatic fever SDL	0.02	1(1+0)
Hypertension SDL	0.02	1(1+0)
Respiratory BST	0.07	3(0+3)
An approach to respiratory diseases TUT	0.05	2(0+2)
Chest examination SKILL LAB	0.02	1(1+0)
Bronchial asthma L	0.02	1(1+0)
Respiratory BST	0.07	3(0+3)
Pulmonary TB L	0.02	1(1+0)
Pneumonia TUT	0.05	2(0+2)
Respiratory BST	0.07	3(0+3)
Restrictive (interstitial)pulmonary diseases TUT	0.02	1(1+0)
Diseases of the Pleura L	0.02	1(1+0)
COPD L	0.02	1(1+0)
Anatomy of the lungs SDL	0.02	1(1+0)
Respiratory BST	0.07	3(0+3)

<i>GIT BST</i>	0.07	3(0+3)
<i>Clinical approach to major gastrointestinal symptoms TUT</i>	0.05	2(0+2)
<i>Chronic Liver diseases L</i>	0.05	2(2+0)
<i>GIT BST</i>	0.07	3(0+3)
<i>Abdominal examination skill lab</i>	0.07	3(0+3)
<i>Diseases of the stomach and duodenum L</i>	0.05	2(2+0)
<i>Diseases of the esophagus and GERD L</i>	0.05	2(2+0)
<i>GIT BST</i>	0.07	3(0+3)
<i>Irritable bowel syndrome L</i>	0.02	1(1+0)
<i>GIT BST</i>	0.07	3(0+3)
<i>Viral hepatitis</i>	0.02	1(1+0)
<i>Infectious diseases BST</i>	0.07	3(0+3)
<i>Major manifestations of infection TUT</i>	0.05	2(2+0)
<i>Infectious diseases BST</i>	0.07	3(0+3)
<i>HIV L</i>	0.02	1(1+0)
<i>Viral hepatitis L</i>	0.02	1(1+0)
<i>Fever of unknown origin L</i>	0.02	1(1+0)
<i>Classification of anti-microbial therapy L</i>	0.04	2(0+2)
<i>Infectious diseases BST</i>	0.07	3(0+3)
<i>Immunodeficiency disorder SEM</i>	0.06	(0+2)
<i>Endocrine BST</i>	0.07	3(0+3)
<i>Major manifestations of endocrinological diseases TUT</i>	0.05	2(0+2)
<i>Thyroid disorders TUT</i>	0.02	1(1+0)
<i>Endocrine BST</i>	0.07	3(0+3)
<i>Endocrine BST</i>	0.07	3(0+3)
<i>Rheumatology and hematology BST</i>	0.07	3(0+3)
<i>Major manifestations of rheumatologic diseases TUT</i>	0.05	2(0+2)
<i>Seronegative Spondyloarthropathies1 L</i>	0.02	1(1+0)
<i>Seronegative Spondyloarthropathies2 L</i>	0.02	1(1+0)
<i>Rheumatology and hematology BST</i>	0.07	3(0+3)
<i>Hematological malignancies SEM</i>	0.05	2(2+0)
<i>Approach to patients with anemia TUT</i>	0.05	2(0+2)
<i>Rheumatoid arthritis</i>	0.02	1(1+0)
<i>Systemic lupus erythematosus L</i>	0.05	1(1+0)
<i>Mixed connective tissue diseases SDL</i>	0.07	3(0+3)
<i>BST- dermaX3</i>	0.2	3(0+3)
<i>Skin cancer L</i>	0.02	1(1+0)
<i>Skin manifestation of systemic diseases TUT</i>	0.05	2(0+2)
<i>Connective tissue diseases derma L</i>	0.02	1(1+0)
<i>Nail disorders L</i>	0.02	1(1+0)
<i>Derma manifestations of internal malignancies L</i>	0.02	1(1+0)

<i>Vesiculo bollus diseases AND Allergic disorders L</i>	0.02	1(1+0)
<i>Sexually transmitted diseases TUT</i>	0.02	2(2+0)
<i>Melanin synthesis: Disorders of pigmentation L</i>	0.02	1(1+0)
<i>Mycobacterial skin diseases L</i>	0.02	1(1+0)
<i>Drug eruption L</i>	0.02	1(1+0)
<i>Cutaneous Leishmaniasis L</i>	0.02	1(1+0)
<i>Cutaneous manifestation of HIV L</i>	0.02	1(1+0)
<i>Infestations: Scabies and pediculosis L</i>	0.02	1(1+0)
<i>Infective dermatosis TUT</i>	0.05	2(2+0)
<i>Papulosquamus diseases TUT</i>	0.02	2(0+2)
<i>Renal BST</i>	0.07	3(0+3)
<i>Major clinical manifestations of renal diseases TUT</i>	0.05	2(0+2)
<i>Acute renal failure L</i>	0.07	3(0+3)
<i>Chronic renal failure L</i>	0.02	1(1+0)
<i>Tubulo interstitial diseases L</i>	0.02	1(1+0)
<i>Urinary tract infections L</i>	0.02	1(1+0)
<i>Renal BST</i>	0.07	3(0+3)
<i>An approach to hematuria and proteinuria TUT</i>	0.05	2(2+0)
<i>Nephrotic syndrome TUT</i>	0.02	1(1+0)
<i>Reno vascular diseases L</i>	0.02	1(1+0)
<i>Renal replacement therapy SEM</i>	0.07	3(0+3)
<i>Systemic vasculitis L</i>	0.02	1(0+1)
<i>Nephrotic syndrome TUT</i>	0.02	1(1+0)
<i>Functional anatomy and physiology of the kidney SDL</i>	0.07	3(0+3)
<i>Neurology BST</i>	0.07	3(0+3)
<i>Neurological examination skill lab</i>	0.07	3(0+3)
<i>Major manifestations of neurological diseases TUT</i>	0.05	2(0+2)
<i>Cerebrovascular stroke L</i>	0.02	1(1+0)
<i>Neurology BST</i>	0.07	1(0+3)
<i>CNS infections TUT</i>	0.02	1(1+0)
<i>Cranial nerve examination skill lab</i>	0.07	3(0+3)
<i>Epilepsy L</i>	0.02	1(1+0)
<i>The cerebellar ataxias L</i>	0.02	1(1+0)
<i>Neurology BST</i>	0.07	3(0+3)
<i>Peripheral neuropathy TUT</i>	0.02	1(1+0)
<i>Headache TUT</i>	0.02	1(1+0)
<i>Extra-pyramidal diseases (Parkinson disease) L</i>	0.02	1(1+0)
<i>Neurology BST</i>	0.07	3(0+3)
<i>Peripheral neuropathy L</i>	0.02	1(1+1)
<i>Cranial neuropathies TUT</i>	0.02	1(1+0)
<i>Spinal cord disorders TUT</i>	0.02	1(1+0)

<i>Neurology BST</i>	0.07	3(0+3)
<i>Neuromuscular disorders L</i>	0.02	1(1+0)
<i>Anatomy of the vertebral column SDL</i>	0.05	2(2+0)

2. Course components (total contact hours and credits per semester):						
	Lecture	Tutorial/ Seminar	Laboratory/ Skill lab	Practical/ BST	Other: ER	Total
Contact Hours	42	42	18	96	36	223
Credit	3.9	1.27	0.32	5	0.65	7.07

3. Additional private study/learning hours expected for students per week. 5 hours
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4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy
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	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
	<p>By the end of this course, the student should be able to:</p> <p>1) Recognize the hemodynamics, etiology, pathophysiology of the common medical disorders.</p> <p>2) Describe the clinical presentation , causes, clinical manifestations , complications management and prevention of the common medical disorders</p>	<p>1) Lectures. 2) Seminars. 3) Tutorials. 4) Self-directed learning. 5) Bedside teaching</p>	<p>MCQ exams Clinical exam Case discussion</p>

2.0	Cognitive Skills		
	1) Analyze symptoms and signs to construct a deferential diagnosis and management plan for common medical conditions 2) Interpret various clinical, laboratory data and radiological procedures	Interactive lectures. Seminars. Tutorials Bedside teaching.	MCQ exams Case discussion .
3.0	Interpersonal Skills & Responsibility		
3.1	Act as efficient team members showing ethical conduct with patients, staff and colleagues.	Seminars. Tutorials Group discussion. Bedside teaching.	Case discussion Seminars
4.0	Communication, Information Technology, Numerical		
4.1	Utilize the technology available efficiently to achieve the course outcomes	Seminars. Tutorials Group discussion. Bedside teaching	Seminars. Tutorials Group discussion. Bedside teaching
5.0	Psychomotor		
5.1	Perform general and local systemic physical examination of the patients.	Bedside teaching. Skills lab.	Clinical exam

5. Schedule of Assessment Tasks for Students During the Semester			
	Assessment task (e.g. essay, test, group project, examination, speech, oral presentation, etc.)	Week Due	Proportion of Total Assessment
1	- Case discussion - Log book - Tutorial/ Seminar - Quizzes (at beginning of 2 nd , 3 rd , 5 th and 6 th week)	All weeks All weeks All weeks All weeks	10 % (if one part is missing others will not be counted)
2	Mid of course exam (MCQ)	beginning of 4 th week	30%
3	End of course exam	6 th week	60%

	MCQs (20%)		
	Clinical exam (40 %)		

D. Student Academic Counseling and Support

1. Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice. (Include amount of time teaching staff are expected to be available each week).
 - A. Allocation of office hours by each staff member in the department (2 hours per week for each staff)
 - B. Academic advisory unit.

E. Learning Resources

1. List Required Textbooks

Davidson's Principles and Practice of Medicine, last Edition

Edited by Brian R. Walker, BSc MD FRCPE FRSE, Nicki R Colledge, BSc (Hons) FRCPE, Stuart H. Ralston, MD FRCP FMedSci FRSE and Ian Penman, BSc MD FRCPE

Examination Medicine: a guide to Physician Training / Nicholas J. Talley , Simon O'connor.
New York: Churchill Livingstone, last edition

Essentials of Kumar & Clark's clinical medicine / Anne Ballinger
Edinburgh ; New York : Saunders, last edition

ECG made easy

X ray made easy

Manual of cardiovascular medicine / editors, Brian P .Griffin, Eric J. Topol ; guest editors, Deepu Nair, Kellan Ashley .Philadelphia : Wolters Kluwer Health/Lippincott .Williams & Wilkins, 2009

Davidson's essentials of medicine / edited by J .Alastair Innes.
Edinburgh ; New York : Elsevier/Churchill Livingstone

Harrison's manual of medicine / editors, Anthony S. Fauci ... [et al.].
New York : McGraw-Hill Medical ; London : McGraw-Hill[distributor], 2009.

Oxford Hand Book Clinical medicine / Murray Long more] ... et al :
Oxford : Oxford University Press, 2010

General practice medicine : an illustrated color text / Ross J Taylor, Brian R McAvoy, Tom O'Dowd ; illustrated by Graham Chambers

2. List Recommended Textbooks and Reference Material (Journals, Reports, etc)

American Journal of Medicine
Annals of Internal Medicine
Annals of The Royal College of Surgeons of England
Annual Review of Medicine
Archives of Dermatology

3. List Electronic Materials (eg. Web Sites, Social Media, Blackboard, etc.)

Web sites:

- A. www.medscape.com
- B. www.accessmedicine.com
- C. www.studentconsult.com
- D. www.uptodate.com

4. Other learning material such as computer-based programs/CD, professional standards or regulations and software.

Saudi digital library

F. Facilities Required

1. Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)

Lecture room suitable for 40 students.
Skills lab suitable for 40 students.
Teaching hospital for bedside teaching.

2. Computing resources (AV, data show, Smart Board, software, etc.)

Multimedia in lecture room.

3. Other resources

Library supplied with reference text books, available access to web sites(Saudi medical library)

G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching

Continuously throughout the block by direct interviewing of the students.

End of block questionnaire
<p>2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor</p> <p>Feedback from colleagues. Class observation by supervisors.</p>
<p>3 Processes for Improvement of Teaching</p> <p>Continuous updating of course contents. Regular meetings where problems are discussed and recommendations made. Workshops on teaching methods. Review of recommended teaching strategies.</p>
<p>4. Processes for Verifying Standards of Student Achievement (e.g. check marking by an independent member teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution)</p> <p>A. Exams are revised by the revision committee before delivery to students B. Correction of the exams done by the machine C. Item analysis (difficulty index, discrimination index and reliability factor) is done to the exam after delivery to the students and its results released to the staff to be guide for improvement of next exams</p>
<p>5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.</p> <p>There will be an evaluation at the end of the block to assess the course execution, outcome. This evaluation will included in the course report and according an improvement plan will be arranged</p>

Faculty or Teaching Staff: _____ Dr. Walid BAbikr

Signature: _____ Date Report Completed: 12/5/1438____

Received by: _____ Dean/Department Head