

Course Specification

Medicine

1. General information

Course Title	Medicine
Code No.	ME751
Department	Medicine
Teaching Hours	610hrs.
Language	English
Academic Year	Fourth and Fifth Year
Course Coordinator	Prof. Abdallah Elahwal
Date and Signature	September 2020

1.1 . Number of hours per week

4 th Year:	Lectures:5hrs. (4 months)	Clinical: 10hrs.(2 months)	Tutorial: 1 hr.
5 th Year:	Lectures:12hrs.(3 months)	Clinical: 10 hrs. (3 months)	Tutorial: 1hr.

2. Objectives of Course:

- Providing students with scientific knowledge essential for the practice of medicine according to the international standards.
- Equipping students with the essential skills to become efficient in practice as history taking, physical and mental examination, interpreting diagnostic investigation and sharing treatment plan as well as safety use of drugs ,and awareness of non-pharmacological approaches
- Maintenance of learning abilities necessary for continuous medical education
- Become aware of the ethical issues of medical practice and patient rights.
- Active participation in community needs assessment and problem identification.
- Upgrading research interest and abilities.

3. Intending Learning Outcomes (ILOs):

a. Knowledge and Understanding:

On successful completion of the course, student will be able to:

a.1	Define basic anatomy and physiology of the body systems.
a.2	Identify the clinical manifestations and differential diagnosis of the disease with emphasis on the serious , common, urgent cases and malignancy.
a.3	State therapeutic lines for important and basic diseases.
a.4	define normal aging process and disorders related to aging and the way of proper management and treatment.
a.5	Identify psychiatric disorders and learn the possible managements
a.6	Describe the basic of human genetic and molecular techniques used in field of genetic

b. Intellectual skills:

On successful completion of the course, student will be able to:

b.1	Interpret the results of commonly used investigations accurately.
b.2	Analyze problem on anatomical, physiological, pathologic background, develop a list of differential diagnosis and suggested investigations
b.3	Plan a appropriate management for diseases

c. Practical and Professional Skills:

On successful completion of the course, student will be able to:

c.1	Take proper clinical history and perform suitable physical examination.
c.2	Perform a proper clinical assessment of the common clinical problems.
c.3	Recognize different clinical emergencies and their urgent managements .
c.4	Write a clear and useful prescription for common and important diseases.
c.5	Be aware of the medicolegal aspects of the disease.

d. General and Transferable skills:

On successful completion of the course, student will be able to:

d.1	Reassure patients and relatives and build a confidential patient to doctor relationship.
d.2	React kindly and respectfully to the patients during history taking and clinical examination.
d.3	Respect patient rights mainly in regard to confidentiality and informed consent.
d.4	Legally responsible and professionally skilled.

4. Course Contents:

Academic Subject	Total Hours (610)	Lectures	Clinical	Tutorials
Cardiovascular System	61	30	25	6
Respiratory System	32	14	14	4
Infections	26	12	12	2
Clinical Pathology	28	12	12	4
Neurology	46	20	20	6
Psychiatry	35	25	10	--
GIT & Hepatology	80	35	35	10
Hematology / Oncology	44	20	20	4
Nephrology	44	20	20	4
Rheumatology	14	6	6	2
Endocrinology & Metabolism	34	20	10	4
Geriatric Medicine	14	6	6	2
Genetics	6	6	--	1
Ethics and Law	6	6	--	1
Symptomatology	35	18	15	2
Dermatology	61	30	25	6
Emergency Medicine	42	20	20	2

5. Teaching and Learning Methods :

- Formal Lectures
- Tutorials and case-based discussion
- Assignment
- Clinical sessions:
 - Clinical rounds (small- group teaching, practice of clinical skills, video demonstration of basic operative procedures).
 - Students are divided into groups attending outpatient clinics and inpatient rounds and attending the emergency shifts periodically.

6. Evaluation Methods

Evaluation Method		Date	Marks 300	%	ILOs Assessed
1	Mid-year Exam	End of the course (4 th year)	45	15%	Knowledge, understanding and intellectual skills
2	Final Exam	December	255	85%	
	▪ Written		100		Knowledge, understanding and intellectual skills
	▪ Clinical		125		knowledge, understanding and intellectual skills Practical and professional skills General and transferable skills
	▪ Oral		30		Knowledge, understanding and intellectual skills Professional, general and transferable skills

7. Evaluation Schedule:

Evaluation	Date
Mid-term written exam	End of the course (4 th year)
Final written exam: <ul style="list-style-type: none"> - Paper one: MCQs - Paper two: clinical cases 	December
Practical exam: short and long clinical cases Students are examined by external and internal doctors	December
Oral exam: conducted by external examiners	December

8. References:

Reference Title	Publisher	Edition	Author	Place
Course Handout			Department Staff	Library
Davidson's Principles and practice of medicine.	Churchill Livingstone	22 nd 2014	Brian R. Wilker, et al.	
1000 MCQs for Davidson's Principles and practice of medicine	Churchill Livingstone	4 th 1999	Michael J. Ford A. T. Elder	
Kumar and Clark's Clinical Medicine	Saunders Ltd	8 th 2012	David Randall, Mona Waterhouse	
Macleod Clinical Examination	- Elsevier - Churchill Livingstone	- 14 th 2018 11 th 2005	J. Alastair Innes, et al. Graham Douglas, et al.	
Hutchinson's Clinical Methods: An Integrated Approach to Clinical Practice	Elsevier Health Sciences	23 rd 2012	William M. Glynn, Michael; Drake	
A Pocket Guide to Physical Examination and History Taking	Lippincott Williams & Wilkins	2 nd 1995	Barbara Bates, et al.	

9. Required Facilities:

Required Facilities	Comments
Lecture halls	In hospital
Training center	Models, simulators
Library	Textbooks, journals, internet, video conference

Course Coordinator: Prof. Abdallah ALahawal

Signature:

Programme Coordinators: Dr. Hussain Amaigil

Signature:

Head of Department: Prof. Abdallah ALahawal

Signature:

Date: September 2020

Course ILOs Mapping Matrix – Medicine

Topic	Knowledge and Understanding a						Intellectual Skills b			Practical and Professional Skills c					General and Transferable Skills d			
	1	2	3	4	5	6	1	2	3	1	2	3	4	5	1	2	3	4
Cardiovascular System	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Respiratory System	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Infections	x	x	x				x	x	x	x	x		x		x	x	x	x
Clinical Pathology	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Neurology	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Psychiatry			x		x		x	x	x	x	x	x	x		x	x	x	x
GIT & Hepatology	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Hematology / Oncology	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Nephrology	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Rheumatology	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Endocrinology & Metabolism	x	x	x				x	x	x	x	x	x	x		x	x	x	x
Geriatric Medicine			x	x			x	x	x	x	x		x	x	x	x	x	x
Genetics	x					x	x	x	x						x	x	x	x
Ethics and Law							x	x	x					x	x	x	x	x
Symptomatology							x	x	x						x	x	x	x
Dermatology	x	x	x				x	x	x						x	x	x	x
Emergency Medicine			x				x	x	x	x		x			x	x	x	x