



**Model (No 12)**  
**Course Specification : Internal Medicine and its subsidiaries**

Farabi Quality Management of Education and Learning - 19/10/2015

**University :** جامعة أسوان

**Faculty :** كلية الطب

**Department :**

**1- Course data :-**

Code:	51	Course name:	Internal Medicine and its subsidiaries	Study year:	الفرقة الخامسة
Specialization:			• Bachelor of Medicine and Surgery		
Teaching Hours:		Lecture:	216 hours	Tutorial:	
				Practical:	: 24 weeks
Number of units:					

**2- Course aims :-**

1. How to obtain accurate medical history that contains all relevant information
2. Scientific principles underlying health and disease
3. Diagnosis and treatment of diseases in the community
4. Diagnosis and basic management of common medical emergencies
5. Professional attitudes, communication and problem solving skills
6. Skills of Independent and lifelong learning
7. To provide students with an appropriate background covering the principles of evidence based medicine & cost effectiveness in making decisions about utilization of limited medical resources

**3- Intended learning outcomes of course (ILOS) :-**

**a- Knowledge and understanding**

1. [a13] 1) Describe the surface anatomy, structure and function of different organs
2. [a14] 2) Describe Ageism and differentiate age-related changes in different systems of the body from pathological changes causing illness.
3. [a15] 3) Describe the etiology, mechanism and natural course of common medical and psychiatric diseases in adult and geriatric patients.

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4. [a16] 4) Describe the clinical symptoms and signs, differential diagnosis and complications of the common and serious medical and psychiatric conditions in adult and geriatric patients.
  5. [a17] 5) Describe different types of medical and psychiatric emergencies in adult and geriatric patients
  6. [a18] 6) Recognize different modalities of investigations used for diagnosis of diseases (laboratory, radiology, histopathology, endoscopy ... etc.,).
  7. [a19] 7) Describe the main line of treatment for a given diagnosis (pharmacological and non pharmacological).
  8. [a20] 8) Identify the side effects of different pharmacological and non pharmacological treatment modalities.
  9. [a21] 9) Identify the associated risk factors and principles of diseases screening and prevention
  10. [a22] 10) Identify the basic ethics of medical practice
  11. [a23] 11) Discuss Prevention, diagnoses and management of iatrogenic illness and health care associated infection.

#### **b- Intellectual skills**

1. [b10] 1) Integrate basic anatomical, biochemical, physiological, pathological and clinical data to reach a diagnosis.
2. [b11] 2) Select appropriate modalities of investigations and interpret their results.
3. [b12] 3) Use problems solving clinical skill to make decisions regarding the common clinical situations
4. [b13] 4) Recognize the need of referral to a higher level of care
5. [b14] 5) Use evidence based medicine in solving clinical problems
6. [b15] 6) Formulate appropriate management plan for individual patients presenting with common medical and psychiatric diseases and emergencies in adult and geriatric patients
7. [b16] 7) Design the initial course of management for stabilization of critically ill patients

#### **c- Professional and practical skills**

1. [c14] 1) Obtain and Record a proper medical history.
2. [c15] 2) Perform General examination including endocrinal and hematological systems
3. [c16] 3) Perform Cardiovascular examination
4. [c17] 4) Perform Chest examination
5. [c18] 6) Perform Abdomen examination
6. [c19] 7) Perform Neurological and psychiatric examination.
7. [c20] 8) Perform Musculoskeletal examination
8. [c21] 9) Perform Dermatological examination
9. [c22] 10) Identify pathologic findings in different imaging modalities, laboratory data and charts in medical situations.

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10. [c23] 11) Write a safe prescription based on the patient condition
  11. [c24] 12) Practice Basics of health and patient's safety and safety procedures during practical and clinical years.
  12. [c25] 13) Simulate first aid measures for critically ill patients
  13. [c26] 14) Perform and interpret ECG
  14. [c27] 15) Insert a cannula in a peripheral vein in a manikin.
  15. [c28] 16) Give Intramuscular and Subcutaneous injections in adult manikin
  16. [c29] 17) Perform tapping of ascites
  17. [c30] 18) Communicate clearly, sensitively and effectively with patients and their care givers, regardless of their social, cultural or ethnic background

**d- General and transferable skills**

1. [d11] 1) Respect patients' rights, privacy and confidentiality
2. [d12] 2) Communicate in difficult situations including breaking bad news
3. [d13] Respect superiors, colleagues and any other members of the health profession
4. [d14] 4) Gather, organize and appraise the medical information including the use of information technology where applicable
5. [d15] Present medical information in written, oral or electronic forms
6. [d16] 6) Communicate ideas and arguments effectively
7. [d17] 7) Be prepared for the lifelong learning needs of the medical profession
8. [d18] 8) Work constructively and cooperatively within a team
9. [d19] 9) Practice self and peer evaluation
10. [d20] 10) Manage time effectively

**4- Course contents :-**

No	Topics	Week	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Endocrinology	80				
2	GIT	68				
3	Nephrology	71				
4	Hematology	68				
5	Rheumatology	70				
6	Geriatrics & emergency medicine	78				
7	Tropical medicine	55				
8	Cardiology	55				
9	Neurology	55				
10	Psychiatry	26				
11	Dermatology	64				

12	Chest disease & T.B.	55				
13	Clinical pathology	16				

**5- Teaching and learning methods :-**

S	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	1) Lectures:				
2	2) Tutorials :				
3	3) Clinical Rounds				
4	4) E-learning: online presentation of lectures and discussion of virtual cases				
5	5) directed Self learning: Projects and homework assignments				

**6- Teaching and learning methods of disables :-**

1. Revision lectures and tutorial classes outside schedule
2. Assignments

**7- Activities and sources of teaching and learning :-**

S	Activities and resources	Basic knowledge	Intellectual skills	Professional skills	General skills
1	1) Halls for tutorials				
2	2) Computer lab for e-learning classes and e-exams				
3	3) Audiovisuals				
4	4) ECG set				

**8- Student assessment :-**

**a- Student assessment methods**

No	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Online quizzes (MCQs)				
2	Home Assignments				
3	Presentations, Projects				
4	WRITTEN EXAM				
5	CLINICAL EXAM				
6	ORAL EXAM				

**b- Assessment schedule**

No	Method	Week
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1	Formative Assessment	
2	Presentations – Projects	
3	Continuous Assessment End-round OSCE	
4	Practical Exam	
5	Written Exam • Multiple Choice Questions • Short • Long Essay • Case Studies	

**c- Weighting of assessments**

No	Method	Weight
1	Mid_term examination	180
2	Final_term examination	450
3	Oral examination	60
4	Practical examination	0
5	Semester work	0
6	Other types of assessment	210
Total		100%

**9- List of references**

S	Item	Type
1	1) Course Notes	Course notes
2	i. Davidson's Principles and Practice of Medicine 21st ed	Books
3	i. Kumar and Clark Textbook of Medicine	Books
4	ii. Current Textbook of Diagnosis and Management	Books
5	iii. Cecil Essentials of Medicine	

**10- Matrix of knowledge and skills of the course**

S	Items	Details	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Course contents	Endocrinology				
		GIT				
		Nephrology				
		Hematology				
		Rheumatology				
		Geriatrics & emergency medicine				
		Tropical medicine				

		Cardiology				
		Neurology				
		Psychiatry				
		Dermatology				
		Chest disease & T.B.				
		Clinical pathology				
2	Teaching and learning methods	1) Lectures:				
		2) Tutorials :				
		3) Clinical Rounds				
		4) E-learning: online presentation of lectures and discussion of virtual cases				
		5) directed Self learning: Projects and homework assignments				
3	Activities and sources of teaching and learning	1) Halls for tutorials				
		2) Computer lab for e-learning classes and e-exams				
		3) Audiovisuals				
		4) ECG set				
4	Student assessment	Online quizzes (MCQs)				
		Home Assignments				
		Presentations, Projects				
		WRITTEN EXAM				

		CLINICAL EXAM				
		ORAL EXAM				

**Course Coordinator(s): -**

هاله عبد اللّاه محمود عبد اللّاه

**Head of department: -**

هاله عبد اللّاه محمود عبد اللّاه