COURSE CONTENTS

Course Title (Symbol and No.):	441 MED	Internal Medicine Practice
Credit Hours	: 11 (0 +11)	
Contact Clock Hours	: Theoretical	
	Clinical	7:30 AM - 4:30 PM
	Tutorials & Practicals	

Summary of Course Contents

This Course is a part of a clinical rotation. It is a full time clinical clerkship for 12 weeks (preparing for internship in Medicine). Students shall attend bedside clinical sessions, clinical tutorials, work as sub-interns in the Department of Medicine, attend at the emergency room and assist in various diagnostic and other procedures in the wards.

Course Objectives

1. To ensure adequacy of width and depth of training, the Department would use, as required, the following modalities:
    a. Rotation through two (2) hospitals during this period. Each rotation is for   six (6) weeks.
    b. A weekly tutorial on the management of the various medical emergencies.
    c. Attendance at the emergency room and participation in management of medical emergencies both at ER and they are admitted to the wards. A student rota or attendance will be drawn and the attendance of the student is signed by the Senior Registrar on call.
    d. Tutorial/Discussions to cover medical emergencies and other topics infrequently met in routine ward clinical practice;
    e. Bedside teaching - two (2) afternoons per week.
2. During the sub-intership, the student should contribute to emergency duty, with the rest of the team at least once per week, and attend O.P. Clinic per week, and attendance of the admission rounds regularly.
3. To train students how to perform a clinical examination by practical demonstration of how to obtain a medical history and perform a complete physical examination.
4. To teach students how to synthesize the information obtained from history and physical examination to make logical conclusions with respect of making a diagnosis or a differential diagnosis.
5. To teach students how to confirm diagnosis by selecting the most appropriate, safe and cost-effective investigations and make a treatment plan.
6. To train students how to adapt their medical knowledge to the problems of the community and how to utilize the available resources for that purpose.
7. On successful completion of this course, the student is expected to be ready to function as a competent intern.
8. The above objectives are fulfilled observing the spirit of Islam and the ethical conduct of a Muslim doctor.

Course Outline

Methodology
1.   Didactic bedside teaching
2.   Clinical tutorials
3.   Practical demonstration of diagnostic procedures

Tutorial topics given on this course to cover common medical emergencies are as follows:

1.   Renal failure

2. Cardiovascular disease
   Cardiac arrest/arrythmias
   Hypertensive crisis
3. General (lab results interpretation)
4. General Radiology
5. Inflammatory polyarthritis
6. Ischaemic heart disease
7. Hematology/Oncology emergencies
8. Neurological emergencies
9. Myasthenia crisis
10. Status epilepticus
11. Endocrine emergencies
12. Diabetic keto acidosis
13. Thyroid emergencies
14. Adrenal crisis
15. Comatose patient (clinical approach)
16. Gastrointestinal emergencies
17. Acute G.I. Bleeding
18. Acute hepatocellular failure
19. Respiratory emergencies
20. Respiratory failure
21. Acute obstructive (airway disease)

Evaluation

One (1) Continuous Assessment Examination (Clinical and Written) 40%. A final clinical, written and oral examination which carries 60% of the marks.

Recommended References

A. Textbooks of Medicine

Any one of the following excellent books:

1. Clinical Medicine - A textbook for Medical students and doctors. P. J. Kumar and M. L. Clark "latest edition".
2. Textbook of Medicine - By Souhami andMoxham, latest edition
3. Davidson's Principles and Principles of Medicines - C. R. Edward and Ian, A.D. Bonchir, latest edition

B. Physical Examination

Any one of the following books:

1. A guide to physical examination and history taking by Barbara Bates, latest edition.
2. Macleod's Clinical Examination by John Munro and C. Edwards
3. Clinical Examination - 2nd Edition by Nicolas Talley and Simon O'Connor