



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Internal medicine

Course specifications

**Internal Medicine for Anesthesiology,
Surgical intensive care Master degree**

2014

Course specifications: Internal medicine for Anesthesiology, Surgical intensive care Master degree, -2014

Internal medicine for Anesthesiology, Surgical intensive care Master degree Course specifications

University: Tanta Faculty: Medicine Department: Internal medicine

A- Administrative Information

1-Cours title: Internal medicine for Anesthesiology, Surgical intensive care Master degree

2-Department offering the program: Anesthesiology, Surgical intensive care

3-Department responsible for the course: Internal medicine and Anesthesiology, Surgical intensive care

4-Course coordinator: Prof. Dr. / Mamdoh Gabr

5-Course internal evaluators: Prof.Dr/Faiza Lashin& Prof.Dr/ Ebaa Elsheikh.

6-Course external evaluators: Prof.Dr/Hassan Abd Elhady (Prof. & head of internal medicine department Monyfia university)

7-Course code: ANES 8003

8-Level: 1st part

9-No. of Credit / taught hours:

- **credit hours:**

- **Theoretical: 2 hours/week X 15 weeks =30 hours (2 credit hour)**
- **Practical: 2 hours/week X 15 weeks =30 hours (1 credit hour)**

10-Authorization date of course specification:

B- Professional Information

1 - Overall Course aims

Our course aim to offer advanced knowledge and skills that allow candidate to practice internal medicine ethically and professionally, and gain positive attitude towards continuous medical education

2 - Intended learning outcomes (ILOs):

A-knowledge and understanding:

By the end of the course, students should be able to:

A.1- Describe the basic theories and principles of internal medicine specialty which help in anesthesia practice.

B-Intellectual skills

By the end of the course, students should be able to:

B.1- Analyze, and Prioritize the medical problems

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B.2- Take medical decision according to available information in particular situations

C-Professional & practical skills

By the end of the course, students should be able to:

C.1-Apply professional medical skills in internal medicine specialty regarding clinical examination, diagnosis, and management

D-General transferable skills

By the end of the course, students should be able to:

D.1-lead a team in specified professional job.

3-Course contents

Theoretical lectures:2 hours / week practical study: 4 hours weekly

Topics	No. of hours	
	lecture	Clinical
Cardiovascular disorders	1	2
Respiratory disorders	1.5	2
GIT& hepatology disorders	1	2
Hematology disorders	1.5	2
Rheumatology disorders	1	2
Endocrinology , nutritional , Mineral & metabolic disorders	0.5	2
Nephrology	0.5	1.5
Infectious diseases	0.5	1.5
Total	7.5	15

A-Topics

1.Endocrinal & Metabolic diseases:

-Pituitary gland -Thyroid gland -Adrenal gland -DM
-Obesity & Dyslipidemia

2.Cardiovascular diseases:

-Hypertension -Shodk-Dysrhythmia -Heart failure
-Rheumatic Fever -Infective endocarditis -Valvular lesions.

3.Respiratory diseases

-Pneumonia -T.B
-COPD -Respiratory failure
-Bronchogenic carcinoma -Paraneoplastic syndrome
-Mediastinal syndrome -Pulmonary hypertension
-Cor pulmonale -ARDS

4.Gastroenterology:

-Lever diseases -Peptic ulcer -GIT

5.Rheumatology.

1. RHEUMATOID ARTHRITIS
2. THE SPONDYLOARTHROPATHIES

3. SYSTEMIC LUPUS ERYTHEMATOSUS
4. SCLERODERMA (SYSTEMIC SCLEROSIS)
5. ANTIPHOSPHOLIPID SYNDROME

6. Renal diseases:

- Acute renal failure -chronic renal failure
- PH, fluid, & electrolyte disturbance.

7. Hematological diseases:

- anaemia -Malignant blood diseases
- Bleeding disorders -Hypercoagulable states.

8. Infectious diseases

- HIV -Nosocomial infections.

B-CLINICAL CASES

I-CARDIOVASCULAR

1. Congestive heart failure
2. Hypertension
3. Dysrhythmia
4. Rheumatic heart disease

II-RESPIRATORY

1. Obstructive lung disease - chronic bronchitis, emphysema
2. ARDS
3. RESPIRATORY FAILURE

III-GIT & Hepatology disorders

1. Cirrhosis
2. Ascites
3. G.I. bleeding
4. Jaundice

IV-HEMATOLOGY

1. Anemia
2. Clotting disorders
5. Bleeding disorders

V-RHEUMATOLOGY

1. Systemic lupus erythematosus
2. Rheumatoid arthritis
3. Scleroderma
4. SPONDYLOARTHROPATHIES

VI-ENDOCRINOLOGY

1. Acromegaly
2. Diabetes
3. Hyper/hypothyroidism
4. Obesity

VII-INFECTIOUS DISEASES

1. Tuberculosis

2.Pneumonia

VI-NEPHROLOGY

1.Acute renal failure

2.Chronic renal failure

C- SKILLS

1. Interpretation of laboratory medicine tests.

2. Electrocardiography interpretation.

3. Radiology: Plain X-ray, contrast radiology, ultrasound, CT, MRI & nuclear medicine

4. ICU

4-Teaching and learning methods

1. Illustrated lectures: Large group plenary sessions in lecture theaters are time tabled; they set the scene for a topic, highlight important issues and arouse curiosity in relevant areas.

2. Clinical rounds: Tutors demonstrate the core practical clinical skills and students practice.

3. Problem based learning: to study written descriptions of clinical situations & Interpretation of laboratory medicine tests.

4. Assignment : Each student completes a review on a selected topic and delivered in a known dead time.

5. Attendance with guidance.

6. Illustration of internal medicine objectives using data show and movies.

5-Student Assessment

1.MCQ end semester examination at the 15th week of the first semester.

2- Final exam included as apart of the 1st part exam.

Final written exam to assess (a1& b 2)

Oral exam to assess (a1&b1, 2)

Practical exam to assess (a1 - b1, 2& c 1)

Log book to assess (c 1 & d 1)

6- Weighing of assessments

Included in the end of the 1st part exam.

End semester exam	C+ required for attendance of final exam
Final written examination	90 Marks (60%)
Final Oral examination	30 Marks (20%)
Final Practical	30 Marks (20%)
Total	150 Marks

7- List of references

7.1 Course notes

- Handout of lectures.
- National books approved by the internal medicine council

7.2 Text books

- Cecil textbook of medicine

7.3 Recommended books

- Davidson's principles and practice of medicine
- Clinical medicine Kummar & Clark
- 1000 MCQs for Davidson's principles and practice of medicine
- MCQs for clinical medicine Kummar and Clark
- Hutchison's clinical methods
- Clinical examination, Macleod, Munro
- A guide to physical examination, Barbara Bates

7.4 Periodicals and web sites

E-medicine & pubmed websites

7.5 The Egyptian Authority for Quality Assurance and Accreditation for Education (NAQAAE)

8-Other resources/ facilities required for teaching and learning to achieve the above ILOs

- Rooms for small group teaching.
- Black and white board.
- Audiovisual aid (data shows, overhead, laptops and slide projectors).
- Faculty library.
- Electronic library

9-we certify that all of the information required to deliver this course is contained in the above specifications and will be implemented

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We verify that the above Course and the analysis of students and external evaluator opinions are accurate.

Course coordinator and head of department
name.....signature.....Date.....

Head of quality assurance unit:
name.....signature.....Date.....