



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of General Surgery**

**Course Specifications**

**General Surgery for Physical Medicine,  
Rheumatology & Rehabilitation Master  
degree**

**2015-2016**

***Course Specifications: General Surgery for Physical Medicine, Rheumatology & Rehabilitation Master degree, 2015-2016***

General Surgery for Physical Medicine, Rheumatology & Rehabilitation Master degree  
Course specifications

**University: Tanta Faculty: Medicine Department: General Surgery**

**A- Administrative Information**

**1- Course title: General Surgery for Physical Medicine, Rheumatology & Rehabilitation Master degree**

**2- Department offering the program: Physical Medicine and Rehabilitation Department**

**3- Department responsible for the course: General Surgery Department, Faculty of medicine.**

**4- Course code: TMED. 03-A08 Gen Surg**

**- Level: First Part: of Total 30 %**

**6- No. of Credit / taught hours:**

• Lectures : 15 h      Practical : 30 h      Others: 0      Total : 45 h(2 C H)

**7-Authorization date of course specification: 18-9-2013**

**B- Professional Information**

**1 – Overall course aims**

**Our Course aims to:**

- To provide a core scientific knowledge concerning the understanding, preparing and managing different surgical conditions related to Physical Medicine and Rehabilitation safely.
- To train and graduate competent specialist in Physical Medicine and Rehabilitation with good knowledge about the general surgery topics in relation to his specialty practice.
- To provide an educational environment that promotes the standard delivery of general health care.

**2 – Intended learning outcomes (ILOs):**

**a. Knowledge and understanding:**

**By the end of the course the candidate will be able to:**

a1 – describe the principles of General surgery in relation to trauma or Physical Medicine and Rehabilitation.

a2 - Formulate a reasonable and comprehensive differential diagnosis and recognized common disorders between general surgery and Physical Medicine and Rehabilitation.

**b. Intellectual skills:**

**By the end of the course the candidate will be able to:**

**b1- Recognizes emergency situations and manage them effectively.** Select relevant investigations logically and conservatively, and interpreting their results accurately.

**c. Professional and practical skills:**

**By the end of the course the candidate will be able to:**

c1-) Perform many surgical, diagnostic and therapeutic procedures and operations, especially those used in the management of emergencies and trauma.

c2- Communicate well with patients, their relatives and colleagues.

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c3- Educate and update himself and others in the field.

**d. General and transferable skills:**

**By the end of the course the candidate will be able to:**

- d1- Possess high ethical and moral standards.
- d2 – Apply self education and specify his educational needs.
- d3 – Practice team working and lead teams in specialized professional jobs.

**3 – Course content:**

**3-a- Course Structure:**

**General topics**

- 1) Shock and hemorrhage
- 2) Cardio pulmonary resuscitation (CPR)
- 3) Blood transfusion and coagulation defects
- 4) Wound healing, wound care and surgical incisions
- 5) Pre operative preparation & post operative complications
- 6) Management of trauma
- 7) Fluids, electrolytes and nutritional management
- 8) Burns
- 9) Principles of oncology
- 10) Principal of transplantation
- 11) Physiological monitoring of surgical patient and pain management
- 12) Endocrine and metabolic response to injury and stress

Each topic will be given in a 2 hours lecture

**Special topics:**

- 1) D.V.T
- 2) Amputation and post amputation care
- 3) Post traumatic and post burn rehabilitation
- 4) Peripheral vascular ischaemia
- 5) Torticollis
- 6) Muscle and subcutaneous tissue swellings and injuries

Attending concerning lectures is mandatory to all candidates (75% attendance)

Plus one month practical training in the Emergency Surgery including CPR (Cardio Pulmonary Resuscitation) Principles

**3-b- Course structure:**

حسب لائحة الدراسات العليا الحالية لكلية الطب – جامعة طنطا  
لكل مجلس قسم سلطة تحديد ساعة معتمدة أو جزء منها عن الأنشطة الآتية ضمن البرنامج التدريبي للطلاب:  
حضور سيمينار – مؤتمر القسم العلمي – تقديم عروض- حضور مناقشة رسائل – حضور عمليات – مناظير – أنشطة معملية – صباغة شرائح – مناقشة حالات أو نتائج أبحاث أو شرائح

**Course structure:**

- Lectures : 15 h      Practical : 30 h      Others: 0      Total : 45 h(2 C H)

**4-Teaching and learning methods**

- Lectures
- Seminars
- Workshops
- Bedside teaching
- assignments
- conference participation and attendance

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- observation

**5-Student Assessment**

- 5.1... written to assess (a.1, 2,)
- 5.2 ...oral to assess... (a1, 2, b. 1,)
- 5.3... practical to assess (b1, 2c. 1, 2,)
- 5.4...Log Book to assess (c.3, d1, 2, 3,)

**6- Weighing of assessments**

Item	Mark		
	During semester	End of semester	Total
First Part	Attendance to lectures and Lab	End exam of First Part Written, oral and practical	
Total			

Method of Assessment	%
Final term examination	50 %
Oral examination	25%
Practical/laboratory work	25%
Total	100%

**7- List of references**

- 1) Kasar AlAini Textbook of Surgery, 2008
- 2) Baily and Love's Short Practice of Surgery, 2008
- 3) Manual of Trauma and emergency Surgery, 2000

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

None

**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.....