



Quality Assurance Unit



Tanta University
Faculty of Medicine

Department of Physical Medicine, Rheumatology & Rehabilitation

Course specifications

**Physics for Physical Medicine,
Rheumatology & Rehabilitation
diploma degrees**

2015/2016

Physics for Physical Medicine, Rheumatology & Rehabilitation diploma degrees Course specifications

University: Tanta

Faculty: Medicine

Department: physics

A- Administrative Information

- **Course title: physics and physiology for Physical Medicine, Rheumatology & Rehabilitation Master degrees**
- **Department offering the course : department of Physical medicine ,rheumatolgy& rehabilitation Faculty of medicine**
- **Departments responsible for the program: Physical Medicine, Rheumatology & Rehabilitation**
- **Course Code: PRR 7002**
- **Academic year/ Level : 2015 /2016**
- **No. of Credit/taught hours:**
theoretical: 2 & practical: 1 3 credit hour.
- **Authorization date of course specification: 8-11- 2015**

B- Professional Information

1- Overall Course aims:

- Our course aim to offer advanced knowledge which is interdisciplinary in its approach to scientific research, reflecting the interest of our faculty and breadth of the discipline of physics to help the graduate to move onto the rewarding and challenging professional careers

2- Intended learning outcomes (ILOs):

a. knowledge and understanding:

By the end of the course the graduate should be able to:

- a.1. discuss physical modalities and its current standards.

b. Intellectual skills:

- b.1- Integrate basic science of physics , rehabilitation and physiology of connective tissue, bone, joint and muscle with clinical care of patients with rheumatic disorders.

c. Professional &practical skills

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

- c.1- apply of different physical modalities in patients .

d. General transferable skills:

- d.1. Utilize the resources of biomedical information including electronic facilities to update their knowledge.
- d.2- Perfect basics of information technology using skills which serve his career development.

3- Course contents:

Course title	Topic	No. of lectures/week	No. of credit hours	Remarks
	Physics for Physical Medicine, Rheumatology & Rehabilitation	2	2	

Detailed contents of the course topics it will be annexed

4- Teaching and learning methods:

- 4.1 Illustrated lectures.
- 4.2 Tutorial is scheduled and previously announced special topics from the curriculum are discussed in the tutorial.
- 4.3 Assignment to be prepared by the graduate in one of the special topic taught.
- 4.4 Seminars scheduled and previously announced to facilitate selection identification of their topics.
- 4.5 Practical sections
 - Each teaching method is designed to serve different educational goal, and together they provide an appropriate stimulating atmosphere for learning.

5- Student Assessment:

Log book & MCQ at the end of the semester + as a part of the final exam of first part

6- Assessment schedule:

According to faculty rules of post graduate, 2 exams are done per year at April and October, each include written, oral and clinical exams.

7- Weighing of assessments:

- MCQ exam will be done at the end 1st semester (at the end of 15 week)
- Final written exam consists of one paper, 3 hours. With the co-requisite subjects. 45 degree
- Oral examination each student is evaluated by 2 examiners.30degree

8- List of references:

8.1. Essential books (Textbooks):

- Krusen of Physical medicine and rehabilitation

8.2. Recommended books:

- Krusen of Physical medicine and rehabilitation

8.3. Periodicals, Web:

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

- All facilities required for teaching are available.

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

The annex :

- 1- Laser
- 2- superficial heat
- 3- deep heat
- 4- Electrotherapy
- 5- Electromotive force
- 6- Basic of electricity
- 7- Electroanalgesic current
- 8- Magna therapy

***Course specifications: physics for Physical Medicine, Rheumatology & Rehabilitation diploma
degrees degree, 2015-2016***

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

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