



Quality Assurance Unit



Tanta University
Faculty of Medicine

Department of Medical Physiology

Course specifications

**Medical Physiology for
Dermatology & Venereology
Diploma & Master degrees
First Part**

2016/2017

Medical Physiology for Dermatology & Venereolgy Diploma & Master degrees Course specifications

University: Tanta

Faculty: Medicine

Department: Medical Physiology

A- Administrative Information

- **Program title: Medical Physiology for Dermatology & Venereolgy Diploma & Master degrees**
- **Department offering the program : Dermatology, Venereolgy and Andrology**
- **Departments responsible for the program: Medical Physiology& Dermatology, Venereolgy and Andrology.**
- **Course Code: DERMVEN 7001 & DERMVEN 8001**
- **Academic year/ Level : 2016 /2017**
- **No. of Credit/taught hours: 1 theoretical credit hour(1 hour/week for 15 weeks)**
- **Authorization date of course specification: / /**

B- Professional Information

1- Overall Course aims:

- To provide the graduate with knowledge and some practical skill in basic Medical Physiology that help him or her to understand Dermatology, venereolgy and andrology disease and to help the graduate to move onto the rewarding and challenging professional careers.

2- Intended learning outcomes (ILOs):

a. knowledge and understanding:

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

- a.1. Recognize basic theory and principle of Medical Physiology that help them to understand human disease regarding etiology, diagnosis and control.
- a.2. Identify the basic theory and principles of basic Medical Physiology in relation to Dermatology, venereolgy and andrology diseases
- a.3. Express knowledge of basic defect in physiological control mechanisms that result in disease state.

b. Intellectual skills:

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

- b.1. Analyze appropriate professional attitudes and behaviors in different practice situations.

b.2. Practice presentation skills , and evidence based scientific discussion

d.General transferable skills:

At the end of the course the candidate will be able to:

- d.1. Communicate effectively with his colleagues and scientific institutes.
- d.2. Use the basic computer skills which serve his career development
- d.3. Apply self evaluation and specify his medical educational needs.
- d.4. Use different learning resources to get knowledge and information.
- d.5. Manage time and practice team working through collaboration with other specialties
- d.6. Apply continuous medical education

3- Course contents:

Course title	topic	No. of credit hours	No of Credit points	Remarks
Medical Physiology	Dermatology, Venereology & Andrology	4 ^{2/3} hs (1for Medical Physiology)	14 points (3for Medical Physiology)	Co-requisite with biochemistry µbiology

Detailed contents of the course topics. (Syllabus contents):

No general topics

Related specialty systems:

- 1. Male reproductive system.
- 2. Endocrine disorders of the skin.
- 3. Cutaneous circulation.
- 4. sensory part of CNS.

Related specialty topics.

- 1. Pigmentation of the skin.
- 2. Role of the skin in body temperature regulation.
- 3. Cutaneous sensibility.
- 4. Hormones regulating the skin functions & effects of their disorders.

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 thesis.

- Each teaching method is designed to serve different educational goal, and together they provide an appropriate stimulating atmosphere for learning.

5- Student Assessment:

End semester final examination consists of:

5.1. Final written consists of one paper, 3 hours. With the co-requisite subjects The written is divided into 3 parts part1 short questions in the form (state, mention ,explain compare define etc). the 2nd part in problem solving question the 3rd part is MCQ questions to assess (a.1, a.2, a.3,).

5.2. Oral to assess (a.1, a.2, a.3, & b.1,2, d.1,2,3,4,5,6)

6- Assessment schedule:

6.1. End Semester Final written qualifying examination	At the end of the semester (60% of the total mark)
6.2. oral qualifying examination	After the written (40% of the total mark)

7- Weighing of assessments:

Grading system for End Semester written Exam:

Grade	%	Code	CGPA points
Excelent	95% or more	A	4.000
	90% to less than 95%	A-	3.666
Very Good	85% to less than 90%	B+	3.333
	80% to less than 85%	B	3.000
Good	75% to less than 80%	B-	2.666
	70% to less than 75%	C+	2.333
Satisfactory	65% to less than 70%	C	2.000
	60% to less than 65%	C-	1,666
Failed	55% to less than 60%	D+	1.333
	30% to less than 55%	D	1.000
	Less than 30%	F	0.000

Final comprehensive exam

Final exam	Final written	Final oral	Total
Final comprehensive exam of Medical Physiology, biochemistry & microbiology	60	40	100

- Final written examination consists of one paper, 3 hour s. With the co-requisite biochemistry µbiology
- Oral examination by two examiners

8- List of references:

8.1. Essential books (Textbooks):

- Guyton &Hall textbook of Human Medical Physiology and Mechanisms of Disease.
- Gannon (review of medical Medical Physiology).
- Vander's human Medical Physiology.

8.2. Recommended books:

- An introduction to human disease: pathology & pathoMedical Physiology correlations by Leonard Crowley. Hardcover August 2009.
- Applied Medical Physiology: A manual showing functions of the various organs in disease by Frederich Augustus Rhodes.

8.3. Periodicals, Web.

www.Pub .Med.org.
www,medscape,com

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

- All facilities required for teaching are available.

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

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.....