



COURSE SPECIFICATION Of Basic Derma Andro Part I

MSc Dermatology, Andrology and STDs

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	MSc Dermatology, Andrology and STDs
(2) Department offering the programme:	Dermatology, Andrology and STDs
(3) Department responsible for teaching the course:	Physiology Biochemistry Microbiology & Immunology
(4) Part of the programme:	first semester
(5) Date of approval by the Department`s council	9/4/2023
(6) Date of last approval of programme specification by Faculty council	18/4/2023
(7) Course title:	COURSE SPECIFICATION Of Basic Derma Andro Part I
(8) Course code:	DERM 515 BDAI DERM 503 BDAI DERM 504 BDAI DERM 507 BDAI
(9) Total teaching hours:	15

(10) Number of credit hours	1
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(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

1- Provides the student with basic knowledge about Physiology related to Dermatology & Andrology.

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding:

A 1- Recognize the following:

- a) Sensory Receptors and Cutaneous Sensations.
- b) Cutaneous Circulation, Temperature regulation, and Sweating.
- c) Sex Determination, Differentiation, and Development/ Puberty.
- d) Control of Testicular Function and Secondary Sex Characters

B- Intellectual skills:

B1- Distinguish different stages of sex development and Puberty.

B2- Compare between types of Sensory Receptors and Cutaneous Sensations.

(3) Contents:

Physiology	
1. Sensory Receptors and Cutaneous Sensations.	1
2. Cutaneous Circulation, Temperature	1

regulation, and Sweating.	
3. Sex Determination, Differentiation, and Development/ Puberty.	1
4. Control of Testicular Function and Secondary Sex Characters	2
Microbiology & Immunology	
Topics	Teaching hours
1. Laboratory aspects of cutaneous mycosis.	1
2. Laboratory diagnosis of skin infections & sexually transmitted diseases.	2
3. Molecular techniques for diagnosis of skin infections.	1
4. Infection control measures.	1
Topics Biochemistry	Teaching hours
Porphyrin metabolism	1
Oxidative stress & antioxidants	1
Lipoproteins metabolism	2
total	15

Steroid metabolism	1
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(4) Teaching methods:

4.1: Lectures

(5) Assessment methods:

5.1 MCQ & EMQ exam for assessment of intellectual and knowledge ILOs

5.2 MEQs : Short essay questions for assessment of ILOs number A1,A2.

5.3: Log book for activities for assessment of: mainly for assessment practical & transferrable skills, attendance of different conferences, thesis discussions, seminars, workshops, Attendance of scientific lectures.

5.4: seminars: the candidate should prepare and present at least one seminar in a topic related to the course and determined by the supervisors in front of the department staff .

Assessment Schedule (100 marks)

Assessment 1: MCQ & short questions examination by the end of 1 st semester for assessment of knowledge and intellectual skills (80%)

Assessment 2: Logbook required activities to go through end semester examination.

Assessment 3: the candidate should prepare and present at least one seminar in atopic related to the course and determined by the supervisors in front of the department staff (20%).

(6) References of the course:

6.1: Hand books: physiology Department staff handouts

6.2: Text books: Rook's text book of Dermatology Blackwell USA, 2010, Bologna Dermatology, Elsevier Limited, 2012.

(7) Facilities and resources mandatory for course completion:

1-Fully Equipped Lecture halls

2-Department library

3-Faculty library

Course coordinator:

Head of the department:

Prof. Ashraf Hassan, MD