كيفية إعداد توصيف المقررات الدراسية للدراسات العليا

توصيف المقررات الدراسية يتضمن توضيح أقل المتطلبات الواجب توافرها في طالب الدراسات العليا للحصول على درجة الماجستير والدكتوراه. يشمل توصيف المقرر الدراسي الاتي:

- الأهداف التعليمية للدرجة العلمية
- المعرفة والمهارات التي يجب أن يحصل عليها الطالب في نهاية فترة الدراسة والتدريب
- طرق التدريس (مثال: محاضرات ، ورش عمل، تدريب معملي)
- محتويات المنهج العلمي (الموضوعات العلمية ومراجعها، عدد ساعات تدريس الجزء النظري والعملي والإكلينيكي)
- طرق تقييم الطالب (مثال: الامتحانات بكافة صورها، الحضور، المقال العلمي، log book)
- نظام الامتحانات وكيفية توزيع الدرجات
- طرق التقييم للمقرر الدراسي
- المراجعة السنوية والمسئولين عنها.

PROGRAMME SPECIFICATION FOR POSTGRADUATE DEGREE

This specification provides a concise summary of the main features of the course and the learning outcomes that a typical candidate might reasonably be expected to achieve and demonstrate if he or she takes full advantage of the learning opportunities provided. More detailed information on the specific learning outcomes, context and the teaching, learning and assessment methods of each module can be found in the Programme Descriptions Handbook

COURSE SPECIFICATION

(Physiology)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	Msc degree of Urology
(2) Department offering the programme:	Urology department
(3) Department responsible for teaching the course:	Phsiology department
(4) Part of the programme:	1st part of the programme
(5) **Date of approval by the Department`s council**	May, 2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	**Physiology**
(8) Course code:	URL 503
(9) Credit hours	0.5 hour
(10) Total teaching hours:	7.5 hours

(B) Professional information

(1) Course Aims:

The general aim of the course is to provide postgraduate students with basics of General Physiology and the physiological background of the sunctions of urinary and genital tracts.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A1	Discuss principles of homeostasis: ▪ PH balance. Na^+, K^+ ▪ Fluid and electrolyte balance.
A2	Discuss physiology of circulation system: ▪ Hemorrhage and shock
A3	Discuss physiology of Blood: ▪ Blood coagulation ▪ Platelets ▪ Intravascular clotting/plasmin system
A4	Discuss physiology of endocrine system : ▪ Male sex hormones ▪ Physiology of male potency ▪ Spermatogenesis

A5	Discuss renal physiology: ▪ Autoregulation of R. B. flow ▪ G. F. R. ▪ Functions of renal tubules ○ P.C.T. ○ Loop of hence ○ D.C.T & collecting duct ▪ Plasma clearance ▪ Renal schema ▪ Renal failure & assessment of renal function ▪ Hormones effecting kidney function ▪ Hormones secreted by the kidney ▪ Micturation reflexes ▪ Micturition Abnormalities

(3) Course content:

Subjects	Total Teaching Hours
Homeostasis: ▪ PH balance. Na^+, K^+ ▪ Fluid and electrolyte balance	1
Circulation: ▪ Hemorrhage and shock Blood: ▪ Blood coagulation ▪ Platelets ▪ Intravascular clotting/plasmin system	2

Endocrine: ▪ Male sex hormones ▪ Physiology of male potency ▪ Spermatogenesis	2
Renal physiology: • Autoregulation of R. B. flow ▪ G. F. R. ▪ Functions of renal tubules ○ P.C.T. ○ Loop of hence ○ D.C.T & collecting duct ▪ Plasma clearance ▪ Renal schema ▪ Renal failure & assessment of renal function ▪ Hormones effecting kidney function ▪ Hormones secreted by the kidney ▪ Micturation reflexes ▪ Micturition Abnormalities	2.5

(4) Teaching methods:

4.1: Lecture

(4) Assessment methods:

5.1: Written Examination for assessment of knowledge ILOs.

5.2: Oral examination for assessment of knowledge ILOs.

5.3: MCQ exam for assessment of knowledge.

5.4 Log book for activities for assessment of: Practical skills which are acquired through attending various conferences, thesis discussions, seminars, workshops, scientific lectures as well as self learning.

5.5: Seminars: The candidate should prepare and present at least one seminar in the weekly Journal club in a topic related to the course and determined by the supervisors in front of the department staff (without marks).

Assessment schedule:

Assessment 1: written exam After 6 month from Msc registration.

Assessment 2: Oral exam After 6 months from Msc registration

Assessment 3 : MCQ at the end of the semester (15^{th} week)

Assessment 4 : Practical tests and observation as well as the seminar throughout the course (without marks).

***Assessment 5*:** The candidate should prepare and present at least one seminar in a topic related to the course and determined by

Percentage of each Assessment to the total mark:

Written exam:	**72 Marks**
Oral exam:	**60 Marks**
MCQ	**18 Marks**

(5) References of the course:

6.1: Text books:

- Wein A, Kavoussi LR, Novick AC, Partin AW, Peters CA (eds). Campbell-Walsh UROLOGY. 9th edit, Philadelphia, Pa: Saunders Elsevier, 2007.
- Guyton and Hall textbook of medical physiology

6.2: Websites:

- http://www.campbellsurology.com/

6.3: **Recommended books**

* Adult and Pediatric Urology (3-Volume Set)
Author: Gillenwater, JY, Howards SS, Grayhack JT, Mitchell MM (eds). Adult and pediatric urology. Lippincott Williams & Wilkins, 4th edit, 2002.

(6) Facilities and resources mandatory for course completion:

A. Lecture hall: In the Auditorium of UNC and lecture hall of the outpatient clinic (Jehan Street). Each hall is equipped with white board, overhead projector, computer, LCD projector, laser pointers, remote slide advancer, DVD player and wireless phones. It is air conditioned.

Head of the department:

Date:

Course speciation (PHSIOLOGY)

.S. All courses` specifications are attached in Appendix III.

A- Knowledge and Understanding

Course Title/Code	Programme ILOs				
	a1	a2	a3	a4	a5
Homeostasis: ▪ PH balance. Na^+, K^+ ▪ Fluid and electrolyte balance.	x				
Circulation: ▪ Hemorrhage and shock		x			
Blood: ▪ Blood coagulation ▪ Platelets ▪ Intravascular clotting/plasmin system			x		
Endocrine: ▪ Male sex hormones ▪ Physiology of male potency ▪ Spermatogenesis				x	

Renal physiology: ▪ Autoregulation of R. B. flow ▪ G. F. R. ▪ Functions of renal tubules o P.C.T. o Loop of hence o D.C.T & collecting duct ▪ Plasma clearance ▪ Renal schema ▪ Renal failure & assessment of renal function ▪ Hormones effecting kidney function ▪ Hormones secreted by the kidney ▪ Micturation reflexes ▪ Micturition Abnormalities					x