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

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	MD degree in Medical Physiology
(2) Department offering the programme:	Department of Medical Physiology
(3) Department responsible for teaching the course:	Department of Medical Physiology
(4) Part of the programme:	Second part
(5) Date of approval by the Department`s council	10/7/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Neonatal Physiology
(8) Credit hours	3 hours
(9) Course code:	**Phys 603 NP**
(10) Total teaching hours:	45 Hours

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

To enable students to understand basic facts about physiology of neonates which enable him to master the physiological adapation for infants after birth and common problems of prematurity

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A29 recongize the the basics of organ developments in fetus
A30 identify the processes of physiological adujstments to extrauterine life
A31 recongnize the growth and development of child and behavioral development

B- Intellectual skills

B1 Apply basic and clinically supportive sciences which are appropriate to Physiology related topics.
B2 Argue, and discuss medical issues on evidence based manner
B3 Join different types of knowledge to solve the professional problems.

(3) Course content:

Subjects	Lectures	Total Teaching Hours
Development of the organ systems	2	2
Respiratory adjustments of the infant to extrauterine Life	5	5
CVS adjustments of the infant to extrauterine Life	4	4
Nutrition of neonates	5	5
Special functional problems in the neonate	3	3
Fluid Balance, Acid-Base Balance, and Renal Function	5	5
Liver Function	4	4
Digestion, absorption, and metabolism of energy foods; and Nutrition	3	3
Immunity	2	2
Endocrine Problems	3	3
Immature Development of the Premature Infant	2	2
Special problems of prematurity	2	2

Danger of blindness caused by excess oxygen therapy in the premature infant	3	3
Growth and development of the child and behavioral growth	2	2
Total	45	45

(4) Matrix of Course ILOs

Course Title	ILOs																									
	Knowledge and understanding									Intellectual skills						Practical skills					Transferrable skills					
	A24	a25	A26	A27	A28	A29	A30	A31	A32	b1	b2	b3	b4	b5	b6	c1	c2	c3	c4	c5	d1	d2	d3	d4	d5	d6
Genetic physiology						√	√	√		√	√	√														

Course content	ILOS					
	Knowledge and understanding			Intellectual skills		
	A29	A30	A31	B1	B2	B3
Development of the organ systems	√			√	√	√
Respiratory adjustments of the infant to extrauterine Life		√		√	√	√
CVS adjustments of the infant to extrauterine Life		√		√	√	√
Nutrition of neonates		√		√	√	√
Special functional problems in the neonate		√		√	√	√
Fluid Balance, Acid-Base Balance, and Renal Function		√		√	√	√
Liver Function		√		√	√	√
Digestion, absorption, and metabolism of energy foods; and Nutrition		√		√	√	√
Immunity		√		√	√	√
Endocrine Problems		√		√	√	√
Immature Development of the Premature Infant		√		√	√	√
Special problems of prematurity		√		√	√	√
Danger of blindness caused by excess oxygen therapy in the premature infant		√		√	√	√
Growth and development of the child and behavioral growth			√	√	√	√

(5) Teaching methods:

Method	ILOS covered by this method
5.1: Lectures	A29-A31,B1-B3
5.2: Seminars	A29-A31,B1-B3

(6) Assessment methods:

Tools	Marks	Percentage of the total mark	ILOS assessed by the exam.	Schedule
6.1:Written exam	40	80%	A29-A31,B1-B3	Feb/Sept
6.2:MCQ exam	10	20%	A29-A31,B1-B3	May/Nov
Total marks	50			

(7) References of the course:

6.1: Hand books: Staff member books & lecture notes.

6.2: Textbooks: Guyton Medical Physiology, Ganong Physiology

(8) Facilities Required for Teaching And Learning:

The facilities include: appropriate teaching accommodation, teaching aids, laboratories, laboratory equipment, computer, etc, facilities for field work, site visits, etc, which are necessary for teaching the course.

(9) Facilities and resources mandatory for course completion:

1- Attendance Criteria:

Minimum acceptance attendance in each course is 75%

2- Assessment tool:

Minimum percentage accepted is 60% of total marks

Course coordinator: Dr. Abdelaziz Hussein

Head of the department: Dr. Sabry Mohammed Awad Gad