



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 الآتي:

- الأهداف التعليمية للدرجة العلمية
- المعرفة والمهارات التي يجب أن يحصل عليها الطالب في نهاية فترة الدراسة والتدريب
- طرق التدريس (مثال: محاضرات ، ورش عمل، تدريب معلمي)
- محتويات المنهج العلمي (الموضوعات العلمية ومراجعتها، 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.	Pediatric Surgery
(2) Department offering the programme.	Pediatric Surgery
(3) Department responsible for teaching the course.	Pediatric Surgery
(4) Part of the programme.	Second Part
(5) Date of approval by the Department's council	9/8/2016
(6) Course title.	Microscopic Surgery
(7) Course code.	PEDSUR 620 MICS
(8) Total teaching hours.	60

(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)

1. To give a theoretical update in microscopic Surgery.
2. To recognize the applications of surgical microscope in pediatric surgery.
3. To describe the normal and abnormal courses of vessels of surgical importance.
4. To identify different types vascular diseases in pediatrics.
5. To recognize the general surgical outlines of microvascular anastomoses.

(2) Intended Learning Outcomes (ILOs):

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

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

A- Knowledge and Understanding

- A1. To understand the basic knowledge about the surgical microscope.
- A 2 To identify the applications of microscopic surgery in pediatric age group.
- A 3 To understand the surgical anatomy of the important vascular structures..
- A 4 To explain the clinical presentations and possible complications of different vascular diseases in pediatrics.
- A 6 To explain lines of treatment of vascular diseases.
- A7. To recognize general rules of dissection of different vessels.
- A8. To understand the principles of performing microvascular anastomoses.

B- Intellectual skills

- B1. To correlate the background knowledge about surgical microscopy to the surgical practice.
- B2. To recognize the value the branch of microscopic surgery in pediatric surgery practice.
- B3. To apply the anatomical knowledge on surgical practice.
- B4. To Interpret the clinical findings of different vascular diseases in pediatrics.
- B5. To plan for timing and proper techniques for microvascular anastomoses.

(3) Course content:

Title	Teaching hours	
	lectures	Total
• General Principles of surgical microscope	5	5
• Applications of microscopic surgery in Pediatrics	5	5
• Applied surgical anatomy of vascular structures of surgical importance.	8	8
• Clinical evaluation of vascular diseases in Pediatrics.	8	8
• Management of vascular diseases in pediatrics.	10	10
• Principles and techniques of microvascular anastomosis.	20	20
• Postoperative care and follow up after microvascular anastomosis.	4	4
Total	60	60

(4) Teaching methods:

- 4.1. lectures
- 4.2. Clinics
- 4.3. Operation room training.

(5) Assessment methods:

Only written exam for assessment of knowledge and intellectual skills.

Assessment schedule.

Final exam

Percentage of each Assessment to the total mark.

Written exam: 80 marks. MCQ exam: 20 marks.

(6) References of the course:

6.1: Departmental Hand books.

6.2: Text books:

- 1) Atlas of microvascular surgery: Anatomy & Operative approaches.
(Berish Strauch, Han-Liang YU)
- 2) Principles, Techniques and Applications in Microsurgery (T.S Chang)
- 3) Practice Manual of Microvascular Surgery (R.D Akland)

(7) Facilities and resources mandatory for course completion.

Lecture halls

(8) Evaluation of Programme's intended learning outcomes (ILOs):

Evaluator	Tools*	Signature
Internal evaluator (s) Prof.Dr. Mohammed El-Ghazaly Prof.Dr. Kamal Abd El-Elah Ass Prof.Dr. Adham El-Said	Focus group discussion Meetings	
External Evaluator (s) Prof. Gamal Eldin El-Tagy Prof. Sherif Shehata	Reviewing according to external evaluator checklist report.	
Senior student (s)	none	
Alumni	none	
Stakeholder (s)	none	
Others	none	

* TOOLS= QUESTIONNAIRE, INTERVIEW, WORKSHOP, COMMUNICATION, E_MAIL

We certify that all information required to deliver this programme is contained in the above specification and will be implemented. All course specification for this programme are in place.

Programme coordinator: Ass Prof. Adham Ahmad Elsaid Lect. Hesham Mahmoud Sheir	Signature & date:
Head of pediatric surgery Department Prof. Dr. Mohamed El-Ghazaly Waly	
Dean: Prof. Dr. El Said Abdel Hady	Signature & date:
Executive director of the quality assurance unit. Prof.Dr. Seham Gad El-Hak	Signature & date: