



## COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

### (A) Administrative information

(1) Programme offering the course.	<b>General Surgery-Master degree</b>
(2) Department offering the programme.	<b>General Surgery &amp; Anatomy</b>
(3) Department responsible for teaching the course.	<b>Anatomy department</b>
(4) Part of the programme.	<b>First Part</b>
(5) Date of approval by the Department's council	<b>27/5/2013</b>
(6) Date of last approval of programme specification by Faculty council	<b>9/8/2016</b>
(7) Course title.	<b>Surgical Anatomy</b>
(8) Course code.	<b>SURG 501</b>
(9) Total teaching hours.	<b>( One Credit hour) = 15hs</b>

## **(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 provide the candidates with knowledge in Surgical Anatomy.
- 2- To Express the ability of the candidates to integrate the Surgical Anatomy data properly in service of Surgery and the ability to integrate data obtained from clinical examination and investigations properly for ideal management for the surgical patient.

**Within the overall aim, the objectives of the Programme are as follows.**

1. Teaching the basic anatomical Knowledge related to surgical practice.
2. Teaching the anatomical basis of laparoscopic surgery and laparoscopic anatomy.

### **(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-Accept a good theoretical data in dissection of different organs, vessels, nerves, important structures .
- A2- Recognize surgical anatomy of the liver to apply it in liver resection and transplantation late on.

**B- Intellectual activities**

B1. To apply the anatomical background of each surgical procedure in the surgical practice.

**(3) Course content:**

Subjects	Total Teaching Hours
<p>(1)- Head &amp; Neck:-</p> <ul style="list-style-type: none"><li>* Scalp and face</li><li>* Anterical fascia and spaces of the neck</li><li>* Median region of neck</li><li>* Muscles of front of the neck</li><li>* Cervical fascia and spaces of the neck</li><li>* Carotid sheath and its contents</li><li>* Salivary glands (parotid &amp; submandibular )</li><li>* Subclavian artery</li><li>* Cervical lymph nodes</li><li>* Thyroid gland</li><li>* Carotid arteries</li><li>* Jugular</li></ul> <p>(2)- Thorax:-</p> <ul style="list-style-type: none"><li>* Intercostal spaces</li><li>* Thoracic duct</li></ul> <p>(3)- Abdomen &amp; Pelvis:-</p> <ul style="list-style-type: none"><li>* Rectus sheath , inguinal canal and triangle, spermatic cord</li><li>* Peritoneum and peritoneal recesses</li><li>* Spleen, Stomach, and Duodenum</li><li>* Small and Large Intestine</li><li>* Liver, Gall Bladder, Bile Duct, and Pancreas</li></ul>	<p><b>15</b></p>

<p>*Coeliac trunk, superior and Inferior Mesenteric arteries, portal vein and porto-systemic anastomosis</p> <p>Pelvic viscera (Urinary bladder, rectum, and anal canal)</p> <p>Posterior abdominal wall :-</p> <p>a) Muscles &amp; fascia</p> <p>b) Abdominal aorta</p> <p>c) IVC</p> <p>d) Cisterna chili &amp; Thoracic duct</p> <p>(4)- Lower Limb:-</p> <p>arteries and Veins of lower limb</p> <p>Sciatic , Femoral , Tibial , and common peroneal nerves</p> <p>5)- Upper Limb :</p> <p>Brachial Plexus</p> <p>Vessels of the upper limb</p> <p>Axilla and axillary lymph nodes</p> <p>Mammary gland &amp; its lymphatic drainage</p> <p>Fascia of the Hand</p>	
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**(4) Teaching methods:**

4.1.lectures

**(5) Assessment methods:**

5.1. Written exam. for assessment of knowledge and intellectual activities.

5.2. MCQ Exam. For assessment of understanding and intellectual activities.

Assessment schedule:

1. Final exam. (Written exam.): At the end of the first semester
2. MCQ Exam. At the end of the first semester
3. Oral Exam.

Percentage of each assessment to the total mark.

Written exam. 72 marks

MCQ Exam.: 18 marks

Oral exam. 50 marks.

Other assessment without marks: logbook

**(6) References of the course.**

6.1. Hand books: Departmental Anatomical Book.

6.2. Text books....Surgical Anatomy – Skandalakis

6.3. Journals.....

6.1. Websites.....

6.1. Others.....

**(7) Evaluation of Programme's intended learning outcomes (ILOs).**

Evaluator	Tools*	Signature
Internal evaluator (s) <b>Prof. Dr. Adel Denewar</b> <b>Prof. Dr. Nabil Gadel-Hak</b>	Focus group discussion Meetings	
External Evaluator (s) <b>Prof.Dr. Alaa Khalil</b>	Reviewing according to external evaluator checklist report.	

\* 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.

<b>Programme coordinator:</b> Name: <b>Prof. Dr. Mosaad Morshed.</b> <b>Professor of General Surgery. Mansoura University</b>	Signature & date:
<b>Head of the department:</b> <b>Prof. Dr. Nazem Shams</b>	

<b>Professor of General Surgery &amp; Surgical oncology.</b> <b>Mansoura University</b>	
<b>Dean:</b> Name: <b>Prof. Dr. Elsaid Abdel-Hady</b>	Signature & date:
<b>Executive director of the quality assurance unit.</b> Name: <b>Prof. Dr. Seham Gad El-Hak</b>	Signature & date: