



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

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|---|-----------------------------|
| (1) Program offering the course: | M.Sc. of Emergency medicine |
| (2) Department offering the program: | Emergency medicine |
| (3) Department responsible for teaching the course: | Anatomy and Embryology |
| (4) Part of the program: | First part |
| (5) Date of approval by the Department`s council | 7/8/2016 |
| (6) Date of last approval of programme specification by Faculty council | 9/8/2016 |
| (7) Course title: | Anatomy |
| (8) Course code: | EM 501 |
| (9) Credit hours: | 15 |

(B) Professional information

(1) Course Aims:

The main aim of this course is to gain deep insights into general principles of human anatomy and embryology.

(2) Intended Learning Outcomes (ILOs):

A. Knowledge and Understanding:

By the end of the course, the candidates should be able to:

K 1 Recognize the depth of the anatomical knowledge about different body regions.

K 2 Define the clinical aspects based on the anatomical and embryological knowledge.

By the end of the course, the candidates should be able to:

I 1 Integrate the anatomical facts with clinical problems.

I 2 Correlate and **explain** the clinical aspects based on anatomical knowledge.

I 3 Assemble the structures of different body regions.

(3) Course content:

| Subjects | Lectures | SEMINAR | Total teaching hours |
|---|------------------------|------------------------|-----------------------------|
| 1. Head and neck (scalp and face carotid sheath, mouth cavity, orbit, nose, larynx and trachea, and superficial veins). | 0.5 hour / week | 0.5 hour / week | 15 |
| 2. Abdomen and pelvis (rectus sheath, inguinal canal, spermatic cord, spleen, stomach, duodenum, small and large intestine, liver, gall bladder, pancreas, aorta, IVC, UB, rectum and anal canal). | | | |
| 3. Lower limb (arteries, veins and nerves). | | | |
| 4. Upper limb (brachial plexus, vessels, axillary LNs, and mammary gland). | | | |
| 5. Thorax (thoracic wall and thoracic inlet). | | | |

(4) Teaching methods:

- 4.1: Lectures
- 4.2: Group discussion
- 4.3: Presentation by students

(5) Assessment methods:

- 5.1: Written exam: 72 marks.** For assessment of Knowledge & Intellectual skills.
- 5.2: MCQ Exam: 18 marks.** For assessment of Knowledge & Intellectual skills
- 5.3: Oral exam: 60 marks.** For assessment of Knowledge & Intellectual skills

Assessment schedule:

Final Exam (150 marks): at the end of the course

Percentage of each Assessment to the total mark:

Written exam: 72 marks (48%). Cover ILOs.
MCQ exam: 18 marks (12%). Cover ILOs.
Oral exam: 60 marks (40%). Cover ILOs.

(6) References of the course:

6.1: Hand books: Department books.

6.2: Text books:

- Greys Anatomy.
- Lasts Anatomy.
- Cunningham Practical of Anatomy.
- Langmans Medical Embryology.
- Keith L. Moore Embryology.
- Students Grants Atlas.
- Netters Atlas.
- Snells Atlas.

6.3: Websites:

- <http://anatomy.med.umich.edu/courseinfo/mich-quiz-index.html>
- <http://freevideolectures.com/>
- <http://www.med.umich.edu/lrc/coursepages/M1/anatomy/html/>

(7) Facilities and resources mandatory for course completion:

- Lecture room.
- Anatomy dissection lab, cadavers, plastinated specimens and models.
- Computers, data show projector and internet connection.

Course coordinator: Prof. Dr. Adel Al-Hawary

Head of the Department: Prof. Dr. Adel Al-Hawary

Date: