



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Program offering the course.	PhD
(2) Department offering the program.	Anatomy and Embryology
(3) Department responsible for teaching the course.	Anatomy and Embryology
(4) Part of the program.	Second part
(5) Date of approval by the Department`s council	18/5/2016
(6) Date of last approval of program specification by Faculty council	9-8-2016
(7) Course title.	Applied Anatomy of Chest
(8) Course code.	ANA 601 AACH
(9) Total teaching hours.	10 (Theoretical) 5 (practical)

(B) Professional information

(1) Course Aim:

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

Develop him/her self academically and professionally by **acquiring** detailed knowledge and required skills to be capable of anatomical teaching postgraduate students in the field of chest medicine.

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding:

On successful completion of the course, the candidate should:

K 1 Recognize the respiratory system development.

K 2 Identify the anatomy of chest wall.

K 3 State the anatomy of lung.

K 4 Recognize the detailed anatomy of mediastinum.

K 5 Define the clinical aspects based on anatomical and embryological knowledge related to these specific parts of the body.

B- Intellectual skills:

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

I 1 Correlate and **explain** the clinical aspects of the selected region based on anatomical knowledge

I 2 Integrate the anatomical facts of these regions with chest clinical problems.

C- Practical skills:

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

P 1 Assemble the different internal structures in cadavers during teaching.

P 2 Dissect professionally selected regions of the human body.

P 3 Plan for developing his/her performance in anatomical teaching.

D- Communication & Transferable skills.

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

T 1 Communicate efficiently in the field of professional anatomical practice of teaching and research.

T 4 Be prepared for lifelong learning through self and continuous learning and setup self needs for learning.

T 5 Efficiently manage time and manipulate information and by all means.

T 6 Work efficiently within a team and be prepared to be a team leader.

T 7 Setup rules and parameters for self evaluation and evaluating others performance

(3) Course contents:

Subjects	Lectures	Laboratory
1. Embryology of respiratory system	30	-
2. chest wall	30	30
3. lung	30	40
4. mediastinum	30	40
5. great vessels and nerves in the chest	30	40
Total	150	150

(4) Teaching methods.

- 4.1. Lectures
- 4.2. practical sessions
- 4.3. Group discussion
- 4.4. Presentation by students

(5) Assessment methods: Final exam

- 5.1. **Written exam. 100 marks** for assessment of of K1-5; I1,2
- 5.2. **Practical exam. 50 marks** for assessment of P1-3
- 5.2. **Oral Exam. 50 marks** for assessment of of K1-5; I1,2, T1-5

Assessment schedule.

Final Exam (200 marks): at the end of the course

Percentage of each assessment to the total mark.

- Written exam. 100 marks (50%); essay 80 marks (80%), MCQ 20marks (20%)**
- Practical exam. 50 marks (25%)**
- Oral exam. 50 marks (25%)**

(6) References of the course.

- 6.1. **Hand books.** Department Book
- 6.2. **Text books.**
 - Grey's Anatomy.
 - Last's Anatomy.
 - Cunningham Practical of Anatomy
 - Langman's Medical Embryology.
 - Keith L. Moore Embryology .
 - Student's Grants Atlas.
 - Netter's Atlas.
 - Snell's Atlas.

6.1. Websites:

http://anatomy.med.umich.edu/courseinfo/mich_quiz_index.html

<http://freevidelectures.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. Mohamed Abdo

Head of the department: Prof. Adel El Hawary

Date:18/5/2016A