



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Program offering the course.	M.Sc.
(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 ENT
(8) Course code.	ANA 501 AAE
(9) Credit hours:	5 (theoretical) 2 (practical)

(B) Professional information

(1) Course Aim:

The main aims of this course are to allow the candidate to develop him/her self academically and professionally by **acquiring** detailed knowledge and required skills to be capable of anatomical teaching for postgraduate students in the field of ENT.

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding:

On successful completion of the course, the candidate should:

K 1 Discuss the embryological development of ear, nose, pharynx and larynx.

K 2 Describe anatomy of different parts of the ear.

K 3 Recognize the detailed anatomy of the nose.

K 4 Define the features of the pharynx and muscles forming it.

K 5 Recall the anatomy of larynx.

K 6 Recognize the detailed anatomy of blood vessels, lymphatics and nerves supplying the ear, nose, pharynx and larynx.

K 7 Record the clinical aspects based on anatomical knowledge related to these specific parts of the body.

B- Intellectual skills:

On successful completion of the course, the candidate should demonstrate intellectual skills to be able to:

I 1 Integrate the anatomical facts of the studied regions with ENT clinical problems.

C- Practical skills:

On successful completion of the course, the candidate should be able to

P 1 Apply the anatomy and embryology in solving and explaining different clinical problems of a particular region of the body.

P 2 Plan for developing his/her performance in anatomical teaching.

D- Communication & Transferable skills:

T 1 Communicate efficiently for improvement of teaching and research skills.

T 2 Be prepared for lifelong learning through self and continuous learning and setup self needs for learning.

T 3 Efficiently manage time and manipulate information and by all means.

T 4 Work efficiently within a team and be prepared to be a team leader.

T 5 Setup rules and parameters for self evaluation and evaluating others performance

(3) Course content:

Subjects	Lectures	Laboratory
1. ear: development and congenital anomalies	5	-
2. Ear: external ear, middle ear, internal ear, applied anatomy	10	10
3. Nose: development and congenital anomalies	5	-
4. Nose: lateral wall, septum, blood and nerve supply, applied anatomy	10	18
5. Pharynx, palate: development and congenital anomalies	5	-
6. Palate	5	4
7. Pharynx: divisions/features, muscles, blood and nerve supply, applied anatomy	15	14
8. Larynx: development	5	-
9. Larynx: structure/division, muscles, blood and nerve supply, applied anatomy	15	14
Total	75	60

(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 for assessment of K1-5, I1.**
- 5.2. **Oral Exam for assessment of K1-5, I1, T1-5.**
- 5.3. **Practical Exam for assessment of P1, 2**

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, MCQ: 20 marks

Oral exam. 50 marks (25%)

Practical 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.

6.3. 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. Mostafa Abdel-monem

Head of the department: Prof. Adel El Hawary

Date: 18/5/2016