



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Program offering the course.	Postgraduate degree of Master degree in ENT
(2) Department offering the program.	Otorhinolaryngology – Head & Neck Surgery department, Mansoura University
(3) Department responsible for teaching the course.	physiology department, Mansoura University
(4) Part of the program.	First part
(5) Date of approval by the Department's council	14/5/2016
(6) Date of last approval of program specification by Faculty council	9/8/2016
(7) Course title.	Applied physiology of ENT
(8) Course code.	ENT 503
(9) Total teaching hours.	7.5 hours

(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-Awareness of Applied physiology of ENT in relation to otorhinolaryngology
- 2-Establishment of systematic approach for analysis of Applied physiology of ENT

(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

A 1 Identify the physiology of:

- Regulation of respiration:
- Nervous
- Chemical
- Hypoxia, cyanosis and abnormal breathing
- RBCs, erythropoiesis and anemia
- Leucocytes and immunity
- Hemostasis
- Coagulation, anticoagulants and blood groups
- Capillary circulation and edema
- Hemorrhage
- Shock
- Deglutition and vomiting
- Pain sensation and control
- Equilibrium
- Hearing
- Taste
- Olfaction

B- Intellectual skills

- B 1- Analyze the basics of applied physiology of hearing, equilibrium, taste and olfaction.
B 2- Analyze the applied physiology of deglutition and vomiting.

(3) Course content:

Subjects	Lectures	Clinical	Lab.	Field	Total Teaching Hours
<ul style="list-style-type: none">• Respiration:<ul style="list-style-type: none">▪ Regulation of respiration<ul style="list-style-type: none">- Nervous- Chemical▪ Hypoxia, cyanosis and abnormal breathing	2				2
<ul style="list-style-type: none">• Blood:<ul style="list-style-type: none">▪ R. B. Cs – Erythropiosis and anaemias.▪ Leucocytes and immunity▪ Homeostasis▪ Coagulation, Anticoagulants – Blood groups.	1				1
<ul style="list-style-type: none">• Circulation:<ul style="list-style-type: none">▪ Capillary circulation and edema▪ Hge.▪ Shock.	1				1
<ul style="list-style-type: none">• Digestive system:<ul style="list-style-type: none">▪ Deglutition▪ Vomiting	1				1
<ul style="list-style-type: none">• C. N. S.<ul style="list-style-type: none">▪ Pain sensation▪ Pain control.▪ Equilibrium	1				1
<ul style="list-style-type: none">• Special Senses:<ul style="list-style-type: none">▪ Hearing▪ Olfaction▪ Taste	1.5				1.5

(4) Teaching methods:

4.1 Lectures

4.2

4.3:

4.4:

(5) Assessment methods:

5.1: Written exam for assessment of knowledge and intellectual skills.

5.2: MCQ exam for assessment of knowledge and intellectual skills.

5.3: Oral exam for assessment of knowledge and intellectual skills.

Assessment schedule:

Assessment 1.....week/month:....

Assessment 2.....week/month:....

Assessment 3.....week/month:....

Assessment 4.....week/month:....

Percentage of each Assessment to the total mark.

Written exam 72 (48%)

MCQ: 18 (12%)

Oral exam 60 (40%)

Clinical exam:.....%:.....

practical exam%:....

Other assessment without marks:

(6) References of the course:

6.1: Hand books:.....

6.2: Text books

6.1: Websites:

6.1: Others:.....

(7) Facilities and resources mandatory for course completion.

Candidates and their learning are supported in a number of ways:

- ☐ Induction course introducing study skills
- ☐ Candidates logbook
- ☐ Program Specification and Handbooks
- ☐ Extensive library and other learning resources
- ☐ Computer laboratories with a wide range of software
- ☐ Intranet with a wide range of learning support material
- ☐ MSc/MD Dissertation Supervisor

Course coordinator: **Professor : Asser Abdelraoof Elsharkawy**

Head of the department: **Professor: Ahmed Ali Eldegwi**

Date:

P.S. This specification must be done for each course.