



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of Anatomy**

**Course Specifications**

# **Anatomy second Year**

**2011-2012**

Anatomy second Year Course specifications

University: Tanta

Faculty: Medicine

Department: anatomy

### 1- Administrative Information

- **Course title: anatomy II.....**
- **Code: TMED.02:01**
- **Department offering the course: anatomy dep.**
- **Program (s) on which this course is given: M.B.B.Ch**
- **Departments offering the program: departments in the faculty of medicine.**

Tanta university

- **Semester in which the course is given:1<sup>st</sup> and 2<sup>nd</sup> semesters**
- **date of specifications /revision: 13 September 2011**
- **date of approval by department : 13 September 2011**
- **date of approval by faculty council : 24/9/2011**
- **Credit / taught hours:**

**Lectures: 120** hours per 30 weeks =4 h/w

**Practical: 160** hours per 30 weeks

=5.3h/w **Total: 280** hours per 30 weeks =9 h/w

### 2 – Overall Course Aims

- To provide a core body of scientific knowledge concerning the normal structure of the human body at the level of the anatomical regions and organs with the study of the normal growth and development relevant to anatomical topics
- To provide appropriate ethical and professional education necessary for dealing with cadavers
- To correlate anatomical facts with their clinical applications

### 3- Intended learning outcomes (ILOs):

#### a- knowledge and understanding:

*By the end of the course, students should be able to*

a1 describe the normal structure of the body as an intact organism and of each of its major systems

a2 Recognize the normal growth and development of the human body and mind throughout

different life stages, including clinically relevant age and sex variations

a3 Recognize the basics of ethics

a4 State major clinical applications of anatomical facts.

**b- Intellectual skills**

*By the end of the course, students should be able to:*

- b1 match basic anatomical facts with biochemical, physiological and clinical data*
- b2 Interpret the normal anatomical structures on x ray*
- b3 Discriminate the different surface markings and determine the position or course of the internal structures.*

**c- Professional & practical skills**

*By the end of the course, students should be able to:*

- c1 Classify different structures in the different body regions in anatomical terms.*
- c2 Dissect the common anatomical structures.*
- c3 Examine the normal anatomical structures on radiographs .*

**d-General transferable skills**

*By the end of the course, students should be able to:*

- d1 Treating the cadavers as human beings which must be respected*
- d2 Know when and how to ask for senior consultation*
- d3 Identify his/her personal weaknesses through accurate self-assessment and/or supervisors and colleagues and actively set a clear learning plan to address these weaknesses*
- d4 Utilize the resources of biomedical information including the available electronic facilities to update his/her knowledge*
- d5 Develop the ability to maintain a professional image in manner, dress, speech and interpersonal relationships that is consistent with the accepted contemporary medical profession standards*
- d6 present information clearly in written and oral forms*
- d7 Adopt the principles of lifelong learning*

**4- Topics (Contents of the course)**

Topic	No. of hours	Lecture	Tutorial/Practical
Head & Neck	128	48	80
Neuroanatomy	64	24	40
Lower limb	64	24	40
Special Embryology	24	24	~~
Total	280 hrs.	120 hrs	160 hrs

**5- Teaching and learning methods**

5.1 Lectures for acquisition of knowledge: 4 hours/week.

5.2 Practical classes: 6 hours/ week; including practical dissection, demonstration in the dissecting rooms, museum jars, and video films

5.3 Tutorials: 6 hours/ topic including X ray films , problem solving,analyzing and interpreting medical data.

5.4 simple research

## 6-Student Assessment :

### a)Methods used

1written examination to assess knowledge and understanding (a1-a3,b1-b3)

2 MCQ examination to assess intellectual skills (a1-a3,b1-b3)

3 oral examination to assess knowledge and understanding, intellectual skills, and transferable skills

4practical examination to assess knowledge and understanding, and intellectual skills, and transferable skills

### b)- Assessment schedule التوقيت

Assessment	Week
1mid-year examination	December
2final year examination	April
3formative only assessment	Following completion of each part

### c- Weighing of assessments(توزيع الدرجات)

Mid term examination	15%
Final term examination	50%
Oral examination	10%
Practical/laboratory work	20%
Periodical examinations	-%
Semester work	-%
Other types of assessment( student activities)	5%
Total	100%

### d) Attendance Criteria:

1.practical attendance:The minimal acceptable attendance is 75%

2.practical books:To be completed during the practical classes of the academic year

e) Grading system:

Examination	Topic	Description	Marks
First assesment	Data show presentations	Groups of 5 students each do a search on a certain topic	Total 7.5 marks
Mid-year Examinations	Written (1-hour)	Short essay questions	37.5 marks
	Practical log books	4 books to be completed during the practical classes	5 marks
Final Examination	Written (3-hours)	essay questions in Thorax, Abdomen, Pelvis, Upper limb & embryology including surface and applied anatomy= one proplem solving question	125
	Practical exam (25 minutes.) 1 minute for each	25 fresh specimens, including bones, soft tissue, organs and X-ray	50 marks
	Oral exam (10 minutes)		25 marks
Total			250

## 8- List of references

### 8.1 Course notes

Hand outs of lectures (either soft or hard copies)

### 8.2 Text book

Human anatomy series produced by the staff members of the anatomy department.

### 8.3 Recommended books

Gray's Anatomy

Clinical anatomy for medical students (Richard S. Snell)

Cunningham's manual of practical anatomy

Atlas of anatomy (Nutter, Grant....etc)

### 8.4 Periodicals and web sites

[www.innerbody.com](http://www.innerbody.com)

[www.instantanatomy.net](http://www.instantanatomy.net)

### 8-facilities for teaching and learning resources

Dissecting rooms( cadavers, bones)

Museum (jar specimens, plastic models)

Internal TV circuit for displaying anatomy video films and CD movies

Library (delivering text books and computers for achieving anatomy web sites)

- **Course coordinator**

Name: Ass.Prof. Dr. Manal ElSawaf. ....Date...**sept.2011**

Head of department

- Name Prof.Dr. Mona Zoair.....Date **sept.2011**

### Intended learning outcomes of the course ( A)

Academy / University: Tanta  
Faculty: Medicine.  
Department: Anatomy.

The name of course	<b>anatomy II</b>
Code of course	<b>TMED.02:01</b>

Topics of the course	Week Study	Knowledge & Understanding	Intellectual Skills	Professional Skills	General transferable skills
Skull (Norma verticalis, frontalis& occipitalis- Norma lateralis& basalis)	First week	a1-a4	b1-b3	c1-c3	d1-d6
Head (Scalp& Face)	Second week	a1-a4	b1-b3	c1-c3	d1-d6
Parotid gland& Muscles of mastication- Infratemporal fossa	Third week	a1-a4	b1-b3	c1-c3	d1-d6
Infratemporal Fossa (con.)- Cranial cavity	Fourth week	a1-a4	b1-b3	c1-c3	d1-d6
Cranial cavity (cont.)- Orbit- Special embryology (Urinary system- Tutorials Surface, Applied, Radiological anatomy- Problem Solving)	Fifth week	a1-a4	b1-b3	c1-c3	d1-d6
Neck (Fascia)& Post. Triangle- Ant. triangle of the neck- Special embryology (Urinary system cont.)	Sixth week	a1-a4	b1-b3	c1-c3	d1-d6
Submandibular Region - Special embryology (Genital system)	Seventh week	a1-a4	b1-b3	c1-c3	d1-d6
Main vessels, nerves& viscera of the neck- Special embryology (Genital system cont.)	Eighth week	a1-a4	b1-b3	c1-c3	d1-d6
Root & back of the neck- Mouth cavity& palate - Special embryology (Genital system cont.) -	Ninth week	a1-a4	b1-b3	c1-c3	d1-d6

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Tutorials Surface, Applied, Radiological anatomy- Problem Solving)					
Pharynx- Nasal cavity- Special embryology (CVS)	Tenth week	a1-a4	b1-b3	c1-c3	d1-d6
Larynx- Ear& Eye- Special embryology (CVS cont.) -Tutorials Surface, Applied, Radiological anatomy- Problem Solving)	Eleventh week	a1-a4	b1-b3	c1-c3	d1-d6
Neuroanatomy (Spinal cord external features& Ascending tracts:) - Special embryology (CVS cont.)	Twelfth week	a1-a4	b1-b3	c1-c3	d1-d6
Spinal cord (descending tracts& blood supply & meninges) - Special embryology (CVS cont.)	Thirteenth week	a1-a4	b1-b3	c1-c3	d1-d6
Brain stem (External features)- Cranial nerves- Special embryology (Digestive system)	Fourteenth week	a1-a4	b1-b3	c1-c3	d1-d6
Cranial nerves (cont.)- Parasympathetic system- Special embryology (Digestive system cont.)	Fifteenth week	a1-a4	b1-b3	c1-c3	d1-d6
Cerebellum& fourth ventricle- Special embryology (Digestive system cont.)	Sixteenth week	a1-a4	b1-b3	c1-c3	d1-d6
Diencephalon	Seventeenth week	a1-a4	b1-b3	c1-c3	d1-d6
Third ventricle- cerebral hemispheres	Eighteenth week	a1-a4	b1-b3	c1-c3	d1-d6
Limbic system& Basal Ganglia& White matter & Lateral Ventricle- Meninges- CSF- Blood supply of brain	Nineteenth week	a1-a4	b1-b3	c1-c3	d1-d6
Lower limb (Front of thigh, Fascia of L.L -	Twentieth	a1-a4	b1-b3	c1-c3	d1-d6



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Special embryology (Respiratory System & Pharyngeal arches)	week			c1-c3	d1-d6
Front of thigh (Cont.)- Medial side of thigh- Gluteal Region	Twentieth one week	a1-a4	b1-b3		
Hip Joint & Back of the thigh - Special embryology (Tongue & Face & Palate)	Twentieth two week	a1-a4	b1-b3	c1-c3	d1-d6
Popliteal fossa & Knee joint- Front of leg & Dorsum of foot	Twentieth three week	a1-a4	b1-b3	c1-c3	d1-d6
Lateral compartment of leg- Back of leg- Special embryology (Skeletal system)	Twentieth four week	a1-a4	b1-b3	c1-c3	d1-d6
Back of leg (Cont.) & Sole of foot- Ankle Joint & Ligaments & Arches of foot	Twentieth five week	a1-a4	b1-b3	c1-c3	d1-d6
Special embryology (Muscles- Endocrine glands - CNS)	Twentieth six week	a1-a4	b1-b3	c1-c3	d1-d6
Tutorials Surface, Applied, Radiological anatomy	Twentieth seven week	a1-a4	b1-b3	c1-c3	d1-d6
Problem Solving	Twentieth eight week	a1-a4	b1-b3	c1-c3	d1-d6
Revision	Twentieth nine week	a1-a4	b1-b3	c1-c3	d1-d6
Revision	Thirtieth week	a1-a4	b1-b3	c1-c3	d1-d6

Course coordinator : Manal Elsawaf  
Zoeir

Head of the department: Mona

