



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Anatomy

Course Specifications

Anatomy First Year

2011-2012

Anatomy First Year Course specifications

University: Tanta

Faculty: Medicine

Department: anatomy

1- Administrative Information

- **Course title: anatomy 1.....**
- **Code: TMED.01:01**
- **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
- **Academic year/ Level : ...1st year.... of M.B.B.Ch**
- **Semester in which the course is given:1st and 2nd semesters**
- **date of specifications /revision: 13 September 2011**
- **date of approval by department : 13 September 2011**
- **date of approval by faculty council : 21/9/2011**
- **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 the3 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 surface landmarks of the underlying bones, muscles and tendons, and internal structures (main nerves, vessels and viscera)
- a2 Identify the different stages of human development, evolution and growth.
- a3 Recognize the basics of ethics
- a4 State major clinical applications of anatomical facts.

a5 Describe the basic anatomical principles of the structure and relations of the different anatomical regions, organs and systems of the human body.

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 and 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 hrs.		
	Lectures	Practical/Small groups	Total
Introduction			
General anatomy	10	16	26
Thorax	24	36	60
Abdomen and pelvis	48	72	120
Upper limb	24	36	60
General embryology	14		14
Total	120	160	280

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 researches

6-Student Assessment :

a) Methods used

- 1- written examination to assess knowledge and understanding (a1-a3,b1-b3)
- 2- MCQ examinations to assess intellectual skills (a1-a3,b1-b3)
- 3- oral examination to assess knowledge and understanding, intellectual skills, and transferable skills
- 4-practical 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 assessment	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 problem 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

7- List of references

7.1 Course notes

Hand outs of lectures (either soft or hard copies)

7.2 Text book

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

7.3 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)

7.4 Periodicals and web sites

www.innerbody.com

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)

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Course coordinator

Name: Ass.Prof. Dr. Manal ElSawaf. Date...13 September 2011

Head of department

Name Prof.Dr. Mona Zoair...Date...13 September 2011

Intended learning outcomes of the course (A)

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

The name of course	anatomy 1
Code of course	TMED.01:01

Topics of the course	Week Study	Knowledge & Understanding	Intellectual Skills	Professional Skills	General transferable skills
General Anatomy	First week	a1-a5	b1-b3	c1-c4	d1-d6
General Anatomy	Second week	a1-a5	b1-b3	c1-c4	d1-d6
Thorax (Thoracic cage)	Third week	a1-a5	b1-b3	c1-c4	d1-d6
Thoracic muscles- Thoracic nerves & vessels	Fourth week	a1-a5	b1-b3	c1-c4	d1-d6
Pleura& Lungs- Superior mediastinum	Fifth week	a1-a5	b1-b3	c1-c4	d1-d6
Pericardium & Heart	Sixth week	a1-a5	b1-b3	c1-c4	d1-d6
Posterior mediastinum Tutorials Surface, Applied, Radiological anatomy- Problem Solving	Seventh week	a1-a5	b1-b3	c1-c4	d1-d6
Abdomen (Anterior abdominal wall)- Inguinal region- spermatic cord	Eighth week	a1-a5	b1-b3	c1-c4	d1-d6
Peritoneum- General embryology (Germ cells)	Ninth week	a1-a5	b1-b3	c1-c4	d1-d6
Stomach & Duodenum- General embryology (reproductive cycle)	Tenth week	a1-a5	b1-b3	c1-c4	d1-d6
Intestine (cont.)- General embryology (Fertilization)	Eleventh week	a1-a5	b1-b3	c1-c4	d1-d6
Liver and biliary apparatus- General embryology (Cleavage& implantation)	Twelfth week	a1-a5	b1-b3	c1-c4	d1-d6
Pancreas& Spleen- Blood vessels of the gut- General embryology (Bilaminar embryo)	Thirteenth week	a1-a5	b1-b3	c1-c4	d1-d6

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Posterior abdominal ms & Kidneys & ureters - General embryology (trilaminar embryo)	Fourteenth week	a1-a5	b1-b3	c1-c4	d1-d6
Post. Abdominal arteries, nerves and veins- General embryology (Notochord & neural tube formation)- Tutorials Surface, Applied, Radiological anatomy- Problem Solving	Fifteenth week	a1-a5	b1-b3	c1-c4	d1-d6
Pelvis (Walls of the pelvis)- General embryology (Intra embryonic mesoderm)	Sixteenth week	a1-a5	b1-b3	c1-c4	d1-d6
Blood vessels & nerves of the pelvis- Pelvic urinary organs	Seventeenth week	a1-a5	b1-b3	c1-c4	d1-d6
Pelvic urinary organs (cont.)- Male genital organs	Eighteenth week	a1-a5	b1-b3	c1-c4	d1-d6
Female genital organs- Rectum & anal canal & Perineum	Nineteenth week	a1-a5	b1-b3	c1-c4	d1-d6
Perineum (cont.)- General embryology (Folding- Foetal membranes)- Tutorials Surface, Applied, Radiological anatomy- Problem Solving	Twentieth week	a1-a5	b1-b3	c1-c4	d1-d6
Upper limb (Pectoral region- Axilla)- General embryology (Placenta- Multiple pregnancy)	Twentieth one week	a1-a5	b1-b3	c1-c4	d1-d6
Axilla (cont.) & Back- Shoulder region, Shoulder Girdle & Shoulder Joint	Twentieth two week	a1-a5	b1-b3	c1-c4	d1-d6
Arm & Cubital Fossa- Elbow joint & Radioulnar Joints & Muscles of the forearm (Front)	Twentieth three week	a1-a5	b1-b3	c1-c4	d1-d6
Muscles of the forearm (Back)- Region of wrist & Arteries of the forearm	Twentieth four week	a1-a5	b1-b3	c1-c4	d1-d6
Nerves of the forearm & Hand (Fascia)- The Hand (cont.) & Joints (cont.)	Twentieth five week	a1-a5	b1-b3	c1-c4	d1-d6
Tutorials Surface, Applied, Radiological anatomy	Twentieth six week	a1-a5	b1-b3	c1-c4	d1-d6

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Problem Solving	Twentieth seven week	a1-a5	b1-b3	c1-c4	d1-d6
Revision	Twentieth eight & thirteen week	a1-a5	b1-b3	c1-c4	d1-d6

Course coordinator: Ass.Prof. Dr. Manal ElSawaf.
Mona Zoai

Head of the department: Prof.Dr.

