



المركز الوطني لضمان جودة واعتماد المؤسسات التعليمية والتدريبية

المتطلبات الأكاديمية للمقرر الدراسي

اسم المؤسسة التعليمية: كلية الطب – جامعة درنة

اسم البرنامج التعليمي: بكالوريوس طب وجراحة

اسم المقرر: ANATOMY I

رمز المقرر: AN1101

الفصل/العام الدراسي: المرحلة الاولى (السنة الاولى)

2024

1. General information:

University	Darnha university
Collage	Medical collage
Department	Anatomy I
Code	AN1011
Course title	Anatomy and general embryology
Teaching hours	210 hrs
Language	English
Course coordinator	Dr. moath ben thare
Date on start	2009

2. Objectives of course

- Providing students with knowledge concerning the normal structure of the human body at the level of the upper limb , lower limb , and thorax.
- The study of the normal growth and development during the frist three months of intrauterin life.
- To correlate anatomical facts with their clinical applications.

3. Intending learning outcomes (ILOs):

a) Knowledge and understanding

a.1	Identify basic anatomical structures of human body
a.2	Identify structures of different regions of upper limb (muscles, nerves, blood vessels, bones and joints)
a.3	Identify general principles of general embryology
a.4	Identify internal and external structures of thorax (including heart , lungs and medistanum)
a.5	Identify structures of different regions of lower limb (muscles, nerves, blood vessels, bones and joints)

b) Intellectual skills :

b.1	Correlate and analyze the anatomical facts to clinical aspects
b.2	Interpret the normal structures on radiographs and ultrasonography
b.3	Understanding surface anatomy of important structures
b.4	Interpret important landmarks for clinical parctical

c) Practical and professional skills :

c.1	able to distinguish different bones of body and their structures
c.2	Able to examine internal structures in models
c.3	Interpret some clinical finding in relation to developmental basis
c.4	Apply the anatomical facts while examining living subject in order to reach a proper diagnosis

d) General and transferable skills

d.1	Obtain good communication skills orally and writing
d.2	Apply IT skills to present a scientific work
d.3	Demonstrate appropriate respect to colleagues and work effectively in team
d.4	Maintain a professional image concerning behavior, dress and speech

4. Course contents

Chapter	Weeks	Subject	Lecture	Practical	tutorial	PBL
General anatomy	1	Introduction to anatomy and body plans	4	2		
	2	Anatomical terms related to position and movement	4	2	2	
	3	Skin, muscles, deep fascia and bones	4	2		
	4	Cartilage, joints, ligaments, nerves and blood vessels	4	2	2	
Upper limb	5	Bones of upper limb and pectoral region	8	4		X-Ray and breast cancer
	6	Axilla including brachial plexus	4	2	2	
	7	Back musculature and rotator cuff muscles	4	2		
	8	Anatomical spaces and vascular anastomosis of upper limb	4	2		Rottor calf tendinitis

	9	The arm and forearm regions And The wrist region	8	4	2	Carpal tunnel syndrome
	10	Joints of upper limb (flipped class)	8	4		
	11	Nerves of upper limb	4	2		Dermatomes of upper limb
	12	Blood supply of upper limb (TBL)	4	2	2	
	13	The hand	4	2		Hand infection
General embryology	14	Germatogenesis and reproductive cycles	4	2		
	15	1 st week of development	4	2		
	16	Implantation and 2 nd week of development	4	2	2	
	17	Derivatives of germ layers and placenta	4	2		
	18	Congenital malformations	4	2	2	
thorax	19	Thoracic wall , cavity and lungs (diaphragm flipped class)	4	2		Chest tube insertion
	20	hearts	4	2	2	Cardiac tampon ad
	21	Mediastinum and its content	4	2	2	
Lower limb	22	Introduction and anterior aspect of thigh	4	2		X-ray of lower limb
	23	Anterior and medial compartment of thigh	4	2	2	Femoral hernia
	24	The gluteal region and Back of the thigh	8	4		Intra muscular injection
	25	Popliteal fosse and joints of the lower (flipped class)	4	2		
	26	The leg (anterior and lateral) Nerve supply of lower limb (TBL)	4	2	2	Compartment syndrome
	27	Back of the leg	4	2		Dermatomes of lower limb
	28	Ankle region and the foot	8	4	2	Pes cavus

5. Teaching and learning methods

- Lectures
- Tutorials
- Practical sessions (demonstration in dissecting room , models)
- TBL ,FLIPPED CLASS,PBL.

6. Evaluation methods

	Evaluation Method	Date	Marks 150	%	ILOs Assessed
1	Annual Work				
	▪Mid-year Exam		30	20%	Knowledge, understanding and intellectual skills
2	Final Exam		120	80 %	
	▪Written		90		Knowledge, understanding and intellectual skills
					knowledge, understanding and intellectual skills
	▪Practical		15		Practical and professional skills General and transferable skills
	▪Oral		15		Knowledge, understanding and intellectual skills Professional, general and transferable skills

7. Evaluation schedule

	Evaluation	Date
1	Mid term exam : Written exam includes different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	
2	Final written exam: consists of different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	

3	Practical exam: Objective structured practical exam (OSPE), plastinated and plastic specimens	
4	Oral exam: mainly conducted by external visitors	

8. References :

Reference Title		Publisher	Edition	Author	Place
	<u>Course handouts</u>			<u>Department staff</u>	<u>Department</u>
Essential Books	Gray's Anatomy for Students	Churchill Livingstone	3 rd 2014	Drake, R.L., Vogl, W. Mitchell, A.W.M.	Library
	Langman's Medical Embryology	Lippincott Williams & Wilkins	14th 2016	Sadler, T.W.	Library
Recommended Books:	Prof . ahmed khamal	Cairo university		ahmed khamal	==
	Grant's Atlas of Anatomy	Lippincott Williams & Wilkins	11th 2004	Agur, A.M.R. Dalley, A.F.	==

9. Required facilities

- Dissecting rooms including cadavers , bones , and plastic models
- X-ray and computer program including different museum specimens atlases and CD movies.

..... التوقيع : منسق المقرر د. معاذ بن طاهر

..... التوقيع: منسق البرنامج د. هيثم صالح الحصني

w	Knowledge and understanding					Intellectual skills				Practical and professional skills				General and transferable skills			
	a1	a2	a3	a4	a5	b1	b2	b3	b4	c1	c2	c3	c4	d1	d2	d3	d4
1	x																
2	x																
3	x																
4	x																
5	x	x															
6	x	x															
7	x	x															
8	x	x															
9	x	x							x								
10	x	x							x								
11	x	x							x								
12	Midterm exam																
13																	
14	x	x				x			x								
15	x	x							x								
16	x	x				x			x	x	x						
17	x	x				x			x	x	x						
18	x	x	x			x			x	x	x						
19	x	x	x			x	x		x	x	x	x				x	
20	x	x	x			x	x		x	x	x					x	x
21	x	x	x			x	x	x	x	x	x	x				x	x
22	x	x	x			x	x	x	x	x	x	x				x	x
23	x	x	x			x	x	x	x	x	x	x				x	x
24	x	x	x	x		x	x	x	x	x	x	x				x	x
25	x	x	x	x		x	x	x	x	x	x	x				x	x
26	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x
27	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
30	Final exam																

