



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 II

رمز المقرر: AN1201.

الفصل/العام الدراسي :. المرحلة الثانية (السنة الثانية)

## 1. General information:

University	Darnha university
Collage	Medical collage
Department	Anatomy
CODE	AN1201
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 abdomen , pelvis , head and neck and neuroanatomy.
- The study of the normal growth and development relevant to each system separately in intrauterin life .
- To correlate anatomical facts with their clinical applications.

## 3. Intending learning outcomes (ILOs):

### a) Knowledge and understanding

a.1	Identify structures of abdomen (external and internal)
a.2	Identify structures of different regions of head and neck
a.3	Identify general principles of special embryology
a.4	Identify internal and external structures of pelvis (male and female )
a.5	Identify structures of different regions of neuroanatomy (brain and spinal cord )

### 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	totoraiial	PBL
Abdomen	1	Anterior abdominal wall and Peritoneum and esophagus	8	4		Nine Region pattern and Inguinal hernia
	2	Stomach and small intestine	4	2		
	3	Large intestine Blood supply of gut (flipped class)	4	2	2	
	4	Liver and biliary system Pancreas and spleen	8	4	2	Surface anatomy
	5	Retroperitoneal space	4	2	2	

Head and neck	6	Bones (skull and mandible ) The scalp	4	2		Skull fracture
	7	Temporal , infratemporal and ptergopalatine fosse. Muscles of mastication Parotid gland	4	2		
	8	Cranial cavity (meninges ) Face (muscles nerve supply ,blood supply)	4	2	2	Extradural hematoma
	9	Orbit (eye lid , lacrimal apparatus , extraocular muscle ) Temporomandublar joint	4	2	2	
	10	Fascia of neck and neck triangular	4	2		Carotid artery stenosis
	11	Submandublar region and muscular triangle Sternomastiod muscle and thyroid gland	8	4		
	12	Nasal cavity and larynx Cranial nerves(flipped class)	8	4	2	
Special embryology	13	Pharyngeal apparatus and head and neck	4	2		
	14	Development of respiratory and digestive system	4	2		
	15	Development of cardiovascular system	4	2	2	
	16	Development of urogenital system	4	2		
	17	Development of nervous system and special sense organs	4	2	2	
Pelvis	18	Introduction to pelvis and its structure	4	2		
	19	Female pelvis and sex difference	4	2	2	
	20	Pelvic peritoneum and nerves of pelvis	4	2	2	

	21	Arteries and veins of pelvis and lymphatic (TBL)	4	2		
	22	Content of pelvis and Male genital organs and perineum	8	4	2	varicocele
	23	Female genital organs	4	2	2	Ectopic Pregnancy
Neuroanatomy	24	Introduction to neuroanatomy	4	2		
	25	Cerebral hemisphere and internal structures Blood supply of brain (flipped class)	4	2	2	CVS
	26	Thalamus and basal nucleus	4	2		
	27	Cerebellum, brain stem and cranial nerves (TBL)	4	2	2	
	28	Spinal cord external and internal structures	4	2		Spinal cord injury

## 5. Teaching and learning methods

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

## 6. Evaluation methods

	<b>Evaluation Method</b>	<b>Date</b>	<b>Marks 150</b>	<b>%</b>	<b>ILOs Assessed</b>
1	<b>Annual Work</b>				
	▪Mid-year Exam		30	<b>20%</b>	Knowledge, understanding and intellectual skills
2	<b>Final Exam</b>		<b>120</b>	<b>80%</b>	
	▪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

	<b>Evaluation</b>	<b>Date</b>
<b>1</b>	<b>Mid term exam :</b> Written exam includes different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	
<b>2</b>	<b>Final written exam:</b> consists of different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	
<b>3</b>	<b>Practical exam:</b> Objective structured practical exam (OSPE), plastinated and plastic specimens	
<b>4</b>	<b>Oral exam:</b> mainly conducted by external visitors	

## 8. References :

Reference Title		Publisher	Edition	Author	Place
	<u>Course handouts</u>			<u>Department staff</u>	<u>Department</u>
<b>Essential Books</b>	<b>Gray's Anatomy for Students</b>	Churchill Livingstone	3 <sup>rd</sup> 2014	Drake, R.L., Vogl, W. Mitchell, A.W.M.	Library
	<b>Langman's Medical Embryology</b>	Lippincott Williams & Wilkins	14th 2016	Sadler, T.W.	Library
<b>Recommended Books:</b>	Prof . ahmed khamal	Cairo university		ahmed khamal	==
	<b>Grant's Atlas of Anatomy</b>	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																
6	x																
7	x																
8	x	x															
9	x	x							x								
10	x	x							x								
11	x	x							x								
13	Midterm exam																
14																	
15	x	x				x			x								
16	x	x				x			x	x	x						
17	x	x				x			x	x	x						
18	x	x				x			x	x	x						
19	x	x	x			x			x	x	x						
20	x	x	x			x	x		x	x	x					x	
21	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	x
24	x	x	x	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	x	x	x
26	x	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
28	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x
29	Final exam																



