Course Specification

Anatomy II

1. General Information:

Course Title	**Anatomy and Embryology**
Code No.	**AN721**
Department	**Anatomy**
Teaching Hours	**250 hours**
Language	**English**
Academic Year	**Second Year**
Course Coordinator	**Dr. Moamer Al-gedan**
Date and Signature	**September 2020**

1.1 . Number of hours per week:

Lectures: 6hrs. Laboratory: 2hrs. Tutorial:2hrs. Total: 10hrs.

2. Objectives of Course:

- Providing students with knowledge concerning the normal structure of the human body at the level of the anatomical regions and organs.
- The study of the normal growth and development relevant to anatomical topics.
- To correlate anatomical facts with their clinical applications.

3. Intending Learning Outcomes (ILOs):

a. Knowledge and Understanding:

On successful completion of the course, student will be able to:

a.1	Describe the anatomical structure of head and neck region, thorax and neuroanatomy.
a.2	Describe the surface landmarks of the underlying bones, muscles and tendons, and internal structures (main nerves, vessels and viscera).
a.3	Explain the development of systems in the embryo.
a.4	Outline major clinical applications of anatomical facts.

b. Intellectual Skills:

On successful completion of the course, student will be able to:

b.1	Identify different internal structures in cadavers and preserved specimens.
b.2	State different surface markings of internal structures and organs on the living subject.

c. Practical and Professional Skills:

On successful completion of the course, student will be able to:

c.1	Interpret the normal anatomical structures on radiographs and ultrasonography.
c.2	Analyze some clinical findings in relation to developmental basis.

d. General and Transferable Skills:

On successful completion of the course, student will be able to:

d.1	Value the ethics and respect to all individuals inside and outside the dissecting room and pay a good deal of respect to the cadavers.
d.2	Present work in a scientific way and using IT skills properly.
d.3	Be responsible towards work.
d.4	Maintain a professional image concerning behavior, dress and speech.

4. Course Contents:

Academic Subject	Total Hours (250)	Lectures	Laboratory	Tutorials
Head & Neck	**70**	40	20	10
Neuroanatomy	**40**	20	10	10
Thorax	**85**	50	20	15
Special Embryology	**55**	40	--	15

5. Teaching and Learning Methods :

- Lectures
- Tutorials
- Practical sessions:
  - = demonstration in the dissecting rooms
  - = X ray films and video films.

6. Evaluation Methods:

	Evaluation Method	Date	Marks 250	%	ILOs Assessed
1	**Annual Work**		**50**	**20%**	
	▪ Mid-year Exam	**January**	40		Knowledge, understanding and intellectual skills
	▪ Other quizzes		10		Knowledge, understanding and intellectual skills
2	**Final Exam**	**June**	**200**	**80%**	
	▪ Written		125		Knowledge, understanding and intellectual skills
	▪ Practical		50		knowledge, understanding and intellectual skills Practical and professional skills General and transferable skills
	▪ Oral		25		Knowledge, understanding and intellectual skills Professional, general and transferable skills

7. Evaluation Schedule:

	Evaluation	Date
1	**Mid-Year exam:** Written exam includes different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	**January**
2	**Final written exam:** consists of different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	**June**
3	**Practical exam:** Objective structured practical exam (OSPE), plastinated and plastic specimens	
4	**Oral exam:** mainly conducted by external visitors	
5	**Other quizzes**	**Before mid-year exam**

8. References :

Reference Title		Publisher	Edition	Author	Place
	Course handouts			Department staff	Department
Essential Books	**Gray's Anatomy for Students**	Churchill Livingstone	1st 2004	Drake, R.L., Vogl, W. Mitchell, A.W.M.	Library
	Langman's Medical Embryology	Lippincott Williams & Wilkins	10th 2006	Sadler, T.W.	Library
	Clinical Neuronatomy for Medical Students	Lippincott Williams & Wilkins	6th 2005	Snell, R.S.	==
Recommended Books:	**Clinical Anatomy by Regions**	Lippincott Williams & Wilkins	8th 2008	Snell, R.S.	==
	Clinically Oriented Anatomy	Lippincott Williams & Wilkins	5th 2006	Moore, K.L. and A.F. Dalley	==
	Grant's Dissector	Lippincott Williams & Wilkins	14th 2008	Tank, P.W.	

9. Required Facilities:

Required Facilities	Comments
Dissecting rooms including cadavers, bones and plastic models.	Needed
Museum specimens, x-ray and computer programs including different atlases and C.D movies.	Needed

Course Coordinator: Dr Moamer Al- Gedan Signature: …….

Programme Coordinator: Dr. Hussain Amaigil Signature:……...

Head of Department: Dr Moamer Al- Gedan Signature: …….

Date: September 2020

Course ILOs Mapping Matrix – Anatomy II

Topic	Knowledge and Understanding a				Intellectual Skills b		Practical and Professional Skills c		General and Transferable Skills d			
	1	2	3	4	1	2	1	2	1	2	3	4
Head & Neck	x			x	x	x	x	x	x	x	x	x
Neuroanatomy	x	x		x	x	x	x	x	x	x	x	x
Thorax	x	x		x	x	x	x	x	x	x	x	x
Special Embryology			x	x		x			x	x	x	x