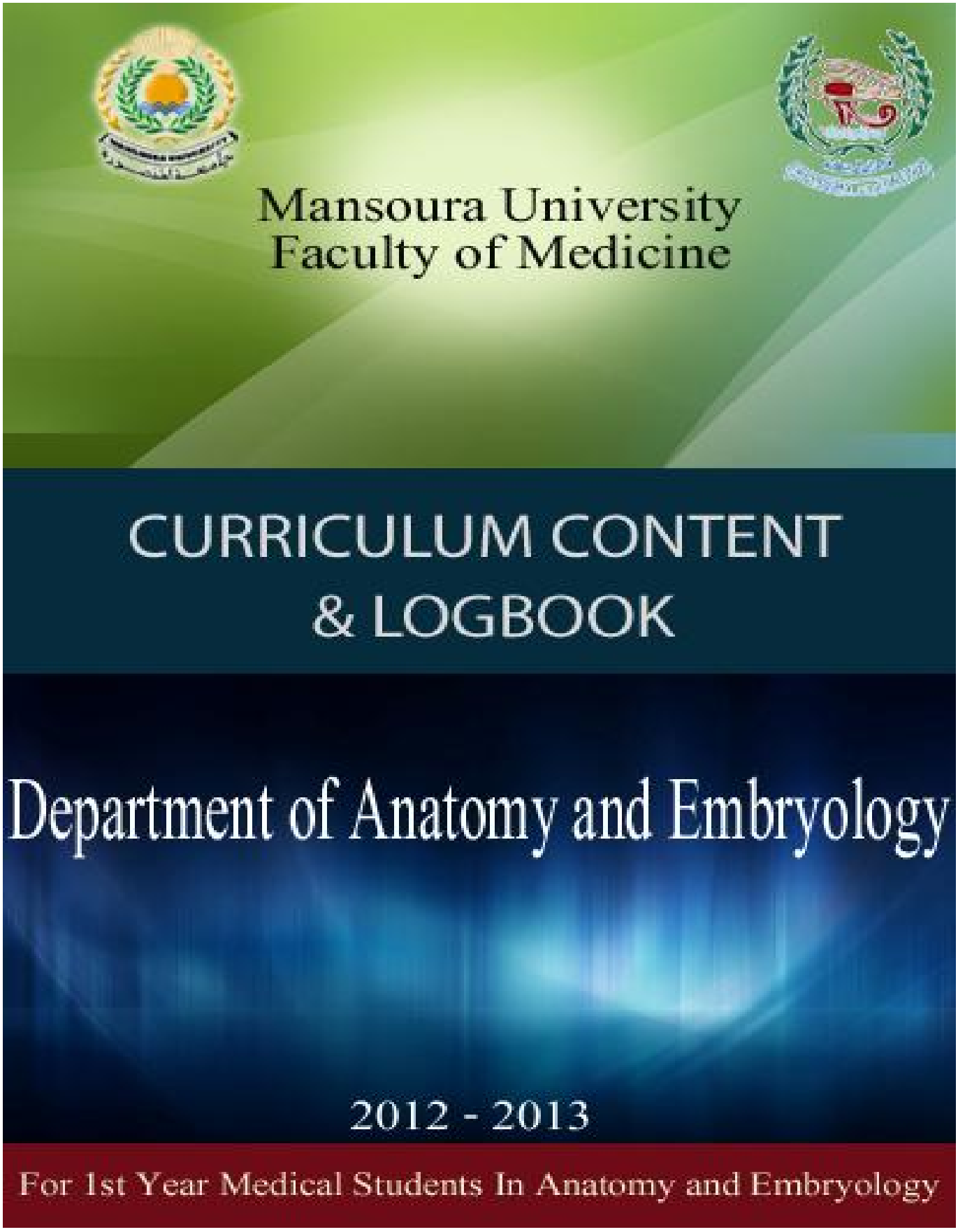
Mansoura University
Faculty of Medicine
CURRICULUM CONTENT
& LOGBOOK
Department of Anatomy and Embryology
2012 - 2013
For 1st Year Medical Students In Anatomy and Embryology

ANATOMY AND EMBRYOLOGY DEPARTMENT

STUDENT LOG BOOK

First 1 Year

FACULTY OF MEDICINE
MANSOURA UNIVERSITY

2013

Student Name: ……..

Grade: **1st Year**

Section: …….

Student No.: ……

Demonstrators: ……..

…….

…….

…….

Supervisors: **Dr.:** …….

Dr.: …….

Course Coordinator: **Prof. Dr. Huda M. El-Tahry**

Curriculum Content

Anatomy Course

TOPICS FOR FIRST YEAR PRACTICAL ANATOMY

WEEK	DATE	LAB.	TOPICS
1ST		1ST	**General features of:** clavicle, scapula & humerus. General idea about the arrangement of pectoral region.
		2ND	**Pectoral region:** Pectoral muscles, clavipectoral fascia & breast (lymphatic drainage).
2ND		1ST	**Axilla:** (boundaries & brachial plexus)
		2ND	Axillary vessels & axillary L.N
3RD		1ST	• Muscles of the back& serratus anterior. • Anastomoses around scapula & surgical neck.
		2ND	• Shoulder region (muscles & axillary nerve). • Intermuscular spaces.
4TH		1ST	**General features of:** ulna & radius. **Muscles of the Front & back of the arm:** (Biceps, coracobrachialis, brachialis & triceps).
		2ND	Brachial artery, musculocutaneous, median & radial nerves.
5TH		1ST	**Cubital fossa** and bones of the hand **Front of Forearm:** muscles of superficial & deep layer.
		2ND	**Front of Forearm:** Ulnar & median nerves. Ulnar & radial arteries.
6TH		1ST	**Back of Forearm.**
		2ND	*__Hand:__ Muscles of the hand (arrangement, interossei & lumbricals). Flexor retinaculum. Extensor retinaculum. Anatomical snuff box.
7TH		1ST	Vessels of hand. (arches) Nerves of hand Venous drainage of the upper limb. Nerve injury.
		2ND	Revision on upper limb according to the needs of the students.
8TH		1ST	**General features of :** Sternum, ribs & thoracic vertebrae
		2ND	Intercostal spaces (muscles, vessels & nerves) Internal thoracic vessels.
9TH		1ST	Mediastinum.
		2ND	*__Lung:__ (features, **surface anatomy+ pleura** & blood supply)

WEEK	DATE	LAB.	TOPICS
10th		1ST	Heart & pericardium
		2ND	Heart & pericardium
11th		1ST	Great vessels, viscera & nerves of the thorax.
		2ND	Revision
12th		1ST	Abdominal regions, hip bone.
		2ND	Muscles of Anterior abdominal wall.
13th		1ST	Inguinal canal. Rectus sheath.
		2ND	Male external genital organs (scrotum, testis& spermatic cord)
14th		1ST	Peritoneal cavity& arrangement of abdominal viscera.
		2ND	Stomach + omenta + lesser sac.
15TH		1ST	Spleen. Ceoliac trunk.
		2ND	Parts of Intestine (small & large) Appendix Mesentery of small intestine. Transverse mesocolon.
16TH		1ST	Duodenum. Pancreas.
		2ND	Mesenteric arteries (sup. & inf.) Portal vein & portosystemic anastomosis.
17TH		1ST	Liver. Extrahepatic biliary system
		2ND	Liver.
18TH		1ST	Kidney, ureter, suprarenal gland & renal vessels.
		2nd	Muscles of P.A.A.(diaphragm, psoas major, quadratus & iliacus) Aorta & I.V.C.
19TH		1st	. Bony pelvis (sacrum, lumbar vertebrae) Muscles of pelvis (Levator ani, obturator, piriformis & coccy) arrangment of pelvic organs
		2ND	**Pelvic sagittal section** Male and female genital system
20th		1st	Sigmoid colon, rectum and anal canal Internal iliac artery.
		2nd	**Perineum:** Perineal pouches.

			Ischiorectal fossa. Pudendal canal.
21th		***1st***	**Perineum:**
		2nd	**Revision**

Intended Learning Outcomes (ILOs):

A: Knowledge and understanding (K):

- **K1: Describe** the basic anatomical structure of the different organs and systems of the human body.
- **K2: Recognize** the surface landmarks of the underlying bones, muscles and tendons, and internal structures (main nerves, vessels and viscera).
- **K3: Enumerate** the different branches of nerves and vessels.
- **K4: Recall** the actions of the different muscles.
- **K5: Distinguish** the movements of different joints and the muscles responsible for each movement.
- **K6: Outline** the major clinical applications of anatomical facts.
- **K7: Predict** clinical signs of nerve injuries based on their normal anatomy.
- **K8: Explain** the different stages of human development and growth.
- **K9: Explain** the anatomical facts based on their development.
- **K10: Discuss** errors in development of the different systems
- **K11: Explain** the causes of the congenital anomalies.

B: Intellectual skills (I):

- **I1: Integrate** the anatomical facts while examining the living subject in order to reach a proper diagnosis.
- **I2: Relate** the surface markings of different structures determine the position or course of internal structures.
- **I3: Assemble** the different internal structures in cadavers and preserved specimens.
- **I4: Design** an anatomical model for different organs.

- **I5: Draw diagrams** for different organs, vessels and nerves.
- **I6: Interpret** the normal anatomical structures on radiographs, ultrasonography, C.T. scan and nuclear magnetic resonance images.
- **I7: Correlate** the anatomical knowledge with clinical signs seen in cases of nerve injuries.
- **I8: Correlate** his knowledge in embryology with clinical findings caused by errors in development.

C: Professional and practical skills (P):

- **P1: Make** critical judgments based on a sound knowledge base
- **P2: Recognize** the scope and limits of their role as students and the necessity to collaborate with others.
- **P3: Maintain** a professional image concerning behavior, dress and speech.
- **P4: Manage** the time in their study and future career.

D: General and transferable skills (T):

- **T1:** responsible towards **working as a team**.
- **T2: Use** internet and learn searching skills.

Assessment of Course of Anatomy
For 1st year medical students

Method of Assessment	Marks		Percentage
Written exam.	125		50%
Practical exam.	40	75	30%
Oral exam.	25		
Activity	10		
Mid year exam.	25	50	20%
First mid term exam	15		
Log book	10		
Total	250		100%

Periodical Assessment

Exam. No.	Date	Marks	Staff signature
Exam. No. 1	…./…./ 20…		
Exam. No. 2	…./…./ 20…		
Exam. No.3	…./…./ 20…		
Exam. No. 4	…./…./ 20…		
Exam. No. 5	…./…./ 20…		

	Marks	**Staff signature**
Self learning		
Activity		
Log Book		
Supervisors	**Dr.** **Dr.**	
Head of Department	**Prof. Dr. Huda M. El-Tahry**	

Log Book

Attendance

Section	Date	Demonstrator signature	Section	Date	Demonstrator signature
1			26		
2			27		
3			28		
4			29		
5			30		
6			31		
7			32		
8			33		
9			34		
10			35		
11			36		
12			37		
13			38		
14			39		
15			40		
16			41		
17			42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		
25			50		

No. of Attendance	No. of Sections	Percentage

Activities

Student can participate in one of the following activities:

1. **Making scientific models.**
2. **Making posters.**
3. **Making wall journals (anatomy should be the core of the contents).**
4. **Help in making anatomical jars.**
5. **Writing scientific article.**
6. **Participating in work shop when possible.**
7. **Giving short talk (presentation).**
8. **Working as models help demonstrating anatomical facts (example surface anatomy).**
9. **Winning the best anatomical image (hand draw, digital photo, x-ray, MRI, US, CT, contrast, radioisotopes).**
10. **Any other activities which might have a good scientific effect).**

NB: Departmental committee will look at the student work and will decide marks on that particular work.

Student Selected Activity

Type of activity: ……

Title: ……
……
……

Team members	Role of each member
1. ……	…… ……
2. ……	…… ……
3. ……	…… ……
3. ……	…… ……
4. ……	…… ……
5. ……	…… ……
6. ……	…… ……
7. ……	…… ……
8. ……	…… ……
9. ……	…… ……
10. ……	…… ……
11. ……	…… ……
12. ……	…… ……

Supervisors

Dr. **Dr.**

Weekly Practical Sessions

Week number: 1st and 2nd weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 3rd and 4th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 5th and 6th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 7th and 8th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 9th and 10th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 11th and 12th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 13th and 14th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 15th and 16th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 17th and 18th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor

Week number: 19th and 20th weeks

Topic	Specimen/ Jar no.	Diagram Page no.	What did you see?	Signature

Supervisor