COURSE SPECIFICATION

(Anatomy)

Faculty of Medicine–MansouraUniversity

(A) Administrative information

(1) Programme offering the course:	Orthopediac and traumatology master degree
(2) Department offering the programme:	Orthopediac department
(3) Department responsible for teaching the course:	Anatomy department
(4) Part of the programme:	First part
(5) Date of approval by the Department`s council:	11.5.2016
(6) Date of last approval of programme specification by Faculty council:	9/8/2016
(7) Course title:	Surgical Anatomy and Embryology
(8) Course code:	Osur501
(9) Total teaching hours:	15 hours
(10) Credit hours	1 hour

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

This course aims at providing participants with the knowledge and basic skills related to anatomy specialty, as well as motivating them for research and positively changing their attitude to improve the outcome of the educational process.

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding

A 1	Recognize the embryology and the anomalies of Paraxial mesoderm ,Limb buds and the vertebral column.
A2	Describe the general anatomical features of the following bones: • Vertebrae . • Bones of upper limb. • Bones of lower limb
A3	Enlist the arteries and joints of the upper limb
A4	Recognize nerves and joints of the lower limb as well as the arches of the foot
A5	Describe the joints of the vertebral column and their movements

B- Intellectual skills

B1	Integrate basic anatomical knowledge with clinical data.

(3) Course content:

Subjects	Lectures
(1)-Embryology: i- Paraxial mesoderm and its derivatives. ii- Limb buds and its anomalies . iii- Development of vertebral column and its anomalies.	4hours
(2)- Gross-anatomy: A- Introduction : i- General features of all following (X-ray). ii- Skull & mandible . iii- Vertebrae . iv- Bones of upper limb. v- Bones of lower limb.	4 hours
B- Upper Limbs: i- Arteries of upper limb. ii- Joints of upper limb (shoulder joint, girdle ……. etc	3 hours
C- Lower Limbs: i- Nerves of the lower limb (lumbar plexus, sacral plexus, femoral obturator ... etc.). ii- Joints of lower limb (Hip, Knee, ... etc). iii- Arches of foot.	3 hours
D- Trunks: i- Joints of Vertebral column and movements.	1 hours

(4) Teaching methods:

4.1: Lectures

4.2: Discussion,

4.3: Practical sessions

4.4: Assignments

(4) Assessment methods:

5.1: Written Exam to assess knowledgeand intellectual skills.

MCQ to assess knowledge and intellectual skills.

5.2:StructuredOral Exam to assess knowledge

Assessment schedule:

Assessment 1. Written Exams Short essay after 6 months from the date of registration to the degree

Assessment2:Oral Examsafter 6 months from the date of registration to the degree

Assessment 3: MCQ continuous assessment exam at the end of the semester

Percentage of each Assessment to the total mark:

Written exam: 60%

Oral exam: 40%

Assessment 3: MCQ 20% of the written exam

Other assessment without marks:

Assessmentof attendance & absenteeism throughout the course

Research assignment to assess general transferable skills, intellectual skills

(5) References of the course:

6.1: Hand books:A colored Atlas of Human anatomy and Embryology

6.2: Text books:Gray's Anatomy

6.3: Websites:Innerbody.com

(6) Facilities and resources mandatory for course completion:

- Teaching places (teaching class, teaching halls, teaching laboratory).
- Teaching tools: including screens, computers including CD, data show, projectors, flip charts, white boards, video player, digital video camera, scanner, copier and laser printers.

Course coordinator:

Dr.KhalidNour

Head of the department:

Prof dr. Hani Elmowafi

Date: