

University: Damanhour
Department: Anatomy and Embryology

Faculty: Veterinary Medicine

Applied Anatomy Course Specifications (2020/2021)

Program(s) on which the course is given: BVSc
Department offering the program: ---
Department offering the course: Anatomy and Embryology
Major or Minor element of programs: Major
Academic year /Level: 4th Year 2 Semesters
Date of specification approval:

A. BASIC INFORMATION

Title: Applied Anatomy **Code:** 4AANA, 4BANA
Hours:

| | | |
|---------------------------|-----------------------------|---------------------|
| Lectures 1 hr/week | Practical 2 hrs/week | Total 90 hrs |
|---------------------------|-----------------------------|---------------------|

B. PROFESSIONAL INFORMATION

1. Overall aims of the course:

- Knowledge: about normal shape, form and structure of animals in male and female to differentiate between the diseased cases and application of the anatomical facts with the clinical sciences.

2. Intended Learning Outcomes (ILOs) of the Course:

a. Knowledge and Understanding:

- a1** Describe the anatomical position of different organs and compare between the different structures of domestic animals.
- a2** Describe the anatomy of live domestic animals and poultry
- a3** Serving and help in under standing in surgery

b. Intellectual Skills:

- b1** Compare between different anatomical position in different live domestic animals, birds and fish

c. Professional and Practical Skills:

- c1** Compare between different topographical and anatomical position in different domestic animals, birds and fish.

d. General and Transferable Skills:

- d1** Capable of giving oral presentation
- d2** Manage time
- d3** Conduct themselves in a professional manner with regard the veterinarian's professional and

legal responsibilities and understand and apply the ethical codes as set out in General Organization of Veterinary Services (GOVS).

- d4 Communicate effectively by working with teamwork of veterinarians in Veterinary Clinics, Laboratories or animal farms.
- d5 Plan their career

3. Contents:

| 1st Semester | | | |
|--|---------------------|-----------------|------------------|
| Topic | No. of hours | Lectures | Practical |
| Surface and topographic anatomy of head region | 9 | 3 | 6 |
| Nerve block of head | 9 | 3 | 6 |
| Surface and topographic anatomy of neck region | 9 | 3 | 6 |
| Surface and topographic anatomy of the thoracic limb | 9 | 3 | 6 |
| Nerve block of thoracic limb and sit of injection of its joint | 9 | 3 | 6 |
| 2nd Semester | | | |
| Surface and topographic anatomy of trunk region | 9 | 3 | 6 |
| Area of auscultation and percussion | 9 | 3 | 6 |
| Applied anatomy of Mammary gland and urogenital organs | 9 | 3 | 6 |
| Surface and topographic anatomy of pelvic limb | 9 | 3 | 6 |
| Nerve block of pelvic limb and sit of injection of its joint | 9 | 3 | 6 |
| Total | 90 | 30 | 60 |

4. Teaching and Learning Methods:

- 4.1 Lectures and practical of every topic in the course.
- 4.2 Collection of some information from text books.
- 4.3 Field visits (farms and villages).
- 4.4 Application with clinical cases in Faculty Clinic.

5. Student Assessment Methods:

| Exam | | |
|-------------|----------------------|---|
| 5.1 | Written Mid-term | To assess the ability to understand and remember knowledge, and intellectual skills |
| 5.2 | Written Final-term | To assess the ability to understand and remember |
| 5.3 | Practical Final-term | To assess professional skills |
| 5.4 | Oral Final-term | To assess skills of discussion |

Assessment Schedule (in each semester):

| | Exam | Week |
|---------------------|----------------------|------------------|
| Assessment 1 | Written Mid-term | 8 th |
| Assessment 2 | Written Final-term | 16 th |
| Assessment 3 | Practical Final-term | 16 th |
| Assessment 4 | Oral Final-term | 16 th |

Weighing of assessments

| Exam | Per Semester (%) | Total (%) |
|-------------|-------------------------|------------------|
| | | |

| | | | |
|---------------------|----------------------|----|-----|
| Assessment 1 | Written Mid-term | 10 | 20 |
| Assessment 2 | Written Final-term | 25 | 50 |
| Assessment 3 | Practical Final-term | 10 | 20 |
| Assessment 4 | Oral Final-term | 5 | 10 |
| Total | | 50 | 100 |

6. List of References:

6.1. Course Notes:

- Lecturers Notes (Printed)

6.2. Essential Books:

- Robert Getty (Anatomy of Domestic Animals)

6.3. Recommended Books:

- Robert Getty (Anatomy of Domestic Animals)

6.4. Periodicals, websites, etc

- Nothing

7. Facilities Required for Teaching and Learning

- Plastination system
- Audio-visual aids
- Animal models
- Scientific multimedia

Course Coordinator: Prof. Dr. Ashraf El Sharaby

Head of Department: Prof. Dr. Ashraf El Sharaby

Date: