University: Damanhour **Faculty**: Veterinary Medicine
Department: Anatomy and Embryology

Applied Anatomy Course Specifications (٢٠12- 2013)

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
Date of specification approval:

A. BASIC INFORMATION

Title: Applied Anatomy **Code**: ٤AANA, ٤BANA
Hours:
Lectures ١ hr/week **Practical** 2 hrs/week **Total** ٩٠ hrs

B. PROFESSIONAL INFORMATION

١. 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.

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

a. Knowledge and Understanding:
- **a١** Describe the anatomical position of different organs and compare between the different structures of domestic animals.
- **a٢** Describe the anatomy of live domestic animals and poultry
- **a٣** Serving and help in under standing in surgery

b. Intellectual Skills:
- **b١** Compare between different anatomical position in different live domestic animals, birds and fish

c. Professional and Practical Skills:
- **c١** Compare between different topographical and anatomical position in different domestic animals, birds and fish.

d. General and Transferable Skills:
- **d١** Capable of giving oral presentation
- **d٢** Manage time
- **d٣** 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).

d٤ Communicate effectively by working with teamwork of veterinarians in Veterinary Clinics, Laboratories or animal farms.

d٥ Plane their career

٣. 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

٤. 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.

٥. 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 ١	Written Mid-term	8th
Assessment ٢	Written Final-term	16th
Assessment ٣	Practical Final-term	16th
Assessment ٤	Oral Final-term	16th

Weighing of assessments

Exam	**Per Semester (%)**	**Total (%)**

Assessment ١	Written Mid-term	10	20
Assessment ٢	Written Final-term	25	50
Assessment ٣	Practical Final-term	10	20
Assessment ٤	Oral Final-term	5	10
	Total	50	100

٦. List of References:

٦,١. Course Notes:

- Lecturers Notes (Printed)

٦,٢. Essential Books:

- Robert Getty (Anatomy of Domestic Animals)

٦,٣. Recommended Books:

- Robert Getty (Anatomy of Domestic Animals)

٦,٤. Periodicals, websites, ….. etc

- Nothing

٧. 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: