

**University:** Damanhour  
**Department:** Anatomy and Embryology

**Faculty:** Veterinary Medicine

## **Applied Anatomy Course Specifications (2010- 2011)**

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**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:** 4<sup>th</sup> 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:

<b>1<sup>st</sup> Semester</b>			
<b>Topic</b>	<b>No. of hours</b>	<b>Lectures</b>	<b>Practical</b>
Surface and topographic anatomy of domestic animals	25	8	15
Area of auscultation and percussion	15	5	10
Nerve block of limbs and sit of injection joint	5	2	5
<b>2<sup>nd</sup> Semester</b>			
Sense organs and common integument (eye, ear, hoof)	15	5	10
Nerve block of head	15	5	10
Mammary gland	15	5	10
<b>Total</b>	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:

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

### Assessment Schedule (in each semester):

	<b>Exam</b>	<b>Week</b>
<b>Assessment 1</b>	Written Mid-term	8 <sup>th</sup>
<b>Assessment 2</b>	Written Final-term	16 <sup>th</sup>
<b>Assessment 3</b>	Practical Final-term	16 <sup>th</sup>
<b>Assessment 4</b>	Oral Final-term	16 <sup>th</sup>

### Weighing of assessments

	<b>Exam</b>	<b>Per Semester (%)</b>	<b>Total (%)</b>
<b>Assessment 1</b>	Written Mid-term	10	20
<b>Assessment 2</b>	Written Final-term	25	50
<b>Assessment 3</b>	Practical Final-term	10	20
<b>Assessment 4</b>	Oral Final-term	5	10

**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:**