Applied Anatomy Course Specifications (2010- 2011)

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 understanding 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 Plane their career

3. Contents:

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

| 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):

<table>
<thead>
<tr>
<th>Exam</th>
<th>Week</th>
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<tbody>
<tr>
<td>Assessment 1</td>
<td>8th</td>
</tr>
<tr>
<td>Assessment 2</td>
<td>16th</td>
</tr>
<tr>
<td>Assessment 3</td>
<td>16th</td>
</tr>
<tr>
<td>Assessment 4</td>
<td>16th</td>
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</tbody>
</table>

Weighing of assessments

<table>
<thead>
<tr>
<th>Exam</th>
<th>Per Semester (%)</th>
<th>Total (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment 1</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>Assessment 2</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>Assessment 3</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>Assessment 4</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
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: