Animal and Poultry Hygiene Course Specifications (2010 - 2011)

Program(s) on which the course is given: BVSce
Department offering the program: ---
Department offering the course: Animal Hygiene and Zoonoses
Major or Minor element of programs: Major
Academic year /Level: 5th Year 1st semester
Date of specification approval: 

A. BASIC INFORMATION

Title: Animal and Poultry Hygiene
Code: 5AAHG, 5BAHG

Hours:
Lectures 3 hrs/week Practical 2 hrs/week Total 75 hrs

B. PROFESSIONAL INFORMATION

1. Overall aims of the course:
   - Knowledge: about the conditions under which livestock can life with comfort, factors which are unsuitable with the physical wellbeing of animals, different systems used for animal and poultry houses (Animal and Poultry Hygiene).
   - Skills: assisted to exclude the biological existents of transmissible diseases, to devoid as possible physical, chemical, disease (Animal and Poultry Hygiene) or social stress that reduces productive performance.

2. Intended Learning Outcomes (ILOs) of the Course:
   a. Knowledge and Understanding:
      a1 Physical, chemical, disease or social stress that reduces productive performance.
      a2 Conditions under which livestock can life with comfort.

   b. Intellectual Skills:
      b1 Creative thinking to control pollutants inside animal houses.
      b2 Control measures against infectious diseases and external parasites.

   c. Professional and Practical Skills:
      c1 Detection and determination of chemical water and air pollutants.
      c2 Detection of total bacterial count, total fungal count and coliform bacteria in water and air samples.
d. General and Transferable Skills:
   d1 Good communications.
   d2 Group working, good management and problem solve ability.

3. Contents:

<table>
<thead>
<tr>
<th>Topic</th>
<th>1st Semester</th>
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<tbody>
<tr>
<td></td>
<td>No. of hours</td>
</tr>
<tr>
<td>Combating of contagious diseases</td>
<td>10</td>
</tr>
<tr>
<td>Control of skin parasites</td>
<td>8</td>
</tr>
<tr>
<td>Housing of animals</td>
<td>12</td>
</tr>
<tr>
<td>Epidemiology</td>
<td>10</td>
</tr>
<tr>
<td>Hygiene of animal transportation</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>75</td>
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4. Teaching and Learning Methods:
   4.1 Lectures and practical of every topic in the courses.
   4.2 Field visits (farms, animal housing and Quarantines).

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 knowledge, and intellectual skills
5.3 Practical Final-term To assess professional and practical skills
5.4 Oral Final-term To assess skills of analysis and 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>8\textsuperscript{th}</td>
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<tr>
<td>Assessment 2</td>
<td>16\textsuperscript{th}</td>
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<tr>
<td>Assessment 3</td>
<td>16\textsuperscript{th}</td>
</tr>
<tr>
<td>Assessment 4</td>
<td>16\textsuperscript{th}</td>
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</tbody>
</table>

Weighing of assessments

<table>
<thead>
<tr>
<th>Exam</th>
<th>Per Semester (%)</th>
<th>Total (%)</th>
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</thead>
<tbody>
<tr>
<td>Assessment 1</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Assessment 2</td>
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<td>50</td>
</tr>
<tr>
<td>Assessment 3</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Assessment 4</td>
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<td>10</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
<td>100</td>
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</tbody>
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6. List of References:

6.1. Course Notes:
- Not available

6.2. Essential Books:
- Ewbank (Animal Housing and Welfare)
- Scorige and Willis (Veterinary Hygiene)

6.3. Recommended Books:
- Ewbank (Animal Housing and Welfare)

6.4. Periodicals, websites, ….. etc
- Nothing

7. Facilities Required for Teaching and Learning
- Computers and Datashow
- Video camera, video player
- Animal sprayers

Course Coordinator:

Head of Department: Prof. Dr. Hatem Salah Eldin

Date: