Course Specifications
Programme(s) on which the course is given:
Major or Minor element of programmes:
Department offering the programme: Anatomy
Department offering the course: Anatomy
Academic year / Level: 2nd year (second semester)
Date of specification approval: 1997/1998

A- Basic Information
Title:
Anatomy & Embryology
Code: 221
Credit Hours: Lecture: 2 Tutorial/ Practical: 4 Total: 6

B- Professional Information
1 – Overall Aims of Course
A- Theoretical course:-
  1- Anatomy of lymphatic system.
  2- Anatomy of nervous system.
  3- Anatomy of sense organs.
  4- Special embryology and teratology.

B- Practical course:-
  1- Dissection of head and neck.
  2- Dissection of nervous system.
  3- Dissection of sense organs.
  4- Dissection of lymphatic system

2 – Intended Learning Outcomes of Course (ILOs)
 a- Knowledge and Understanding:
Graduates of veterinary medical program must acquire the following knowledge and understanding:

a1- Basic knowledge about the anatomical features of the head and neck, and sense organs.

a2- Basic knowledge about the special embryology and teratology.

b- Intellectual Skills
Graduates must have the ability to:

bl - To deal with the anatomical facts of different organs.

b2- To connect between these facts and their possible functions and disorders.

b3- To learn how to deal with some field problems from the anatomical point of view.

c- Professional and Practical Skills:
Graduates must be attain the capacity to:

cl- To know the topographical position of the organs.

  c2- To know the easy and correct dissection of the different organs.

  c3- To differentiate between the various parts of a given organ.

d- General and Transferable Skills:
Graduates must have the ability to:

dl- Reporting of the anatomical facts using printable sheets.

  d2- Ability to write a full scientific reports about the anatomical (normal) features of an organ and the abnormal or teratological cases.

  d3- Ability to working in groups and team.

  d4- Ability to use computer and internet to extract information and knowledge.
3- Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>No. of hours</th>
<th>Lecture</th>
<th>Tutorial/Practical</th>
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<tbody>
<tr>
<td>Theoretical topics</td>
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<tr>
<td>Special embryology and teratology.</td>
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<td>5</td>
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<tr>
<td>Anatomy of nervous system.</td>
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<td>Anatomy of lymphatic system.</td>
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<td>Anatomy of sense organs.</td>
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<td>Practical parts</td>
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<tr>
<td>Dissection of head and neck.</td>
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<td></td>
<td>7</td>
</tr>
<tr>
<td>Dissection of nervous system</td>
<td>8</td>
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<td>Dissection of sense organs.</td>
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<tr>
<td>Dissection of lymphatic system.</td>
<td>8</td>
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4- Teaching and Learning Methods

4.1- Lecturing.

4.2- Practical sessions to gain practical skills.

4.3- Discussion sessions.

5- Student Assessment Methods

5.1 Written exam (assay) to measure a.1, a.2, a.3, a.4....

5.2 Practical exam....to measure c.1, c.2, c.3....

5.3 Oral exam...... to measure a.1 , a.2, a.3, a.4. b.1, b.2.
                    c.1, c.3...
5.4 Multiple choice exam...to measure...b.1, b.2, b3...........

Assessment Schedule
Mid term exam (multiple choice and practical). ...week...9....
...Final exam .................held at the end of the semester.
… Practical exam.............held at the end of the semester.
… Oral exam…………. held at the end of the semester.

Weighting of Assessments

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<tr>
<td>Final-term Examination</td>
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<td>Oral Examination</td>
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<td>Semester Work</td>
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<tr>
<td>Other types of assessment</td>
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<tr>
<td><strong>Total</strong></td>
<td>100%</td>
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</tbody>
</table>

Any formative only assessments

6- List of References

6.1- Course Notes

Department course notes

6.2- Essential Books (Text Books)


6.3- Recommended Books
Dyce, Sack and Wensing (Text book of Veterinary Anatomy) 2002. 3rd Ed.

6.4- Periodicals, Web Sites, … etc
7- Facilities Required for Teaching and Learning
- Appropriate teaching accommodation like teaching and dissection rooms.
- Teaching aids like overhead projectors, scientific posters and anatomical models.
- Completion of the primitive anatomy museum.
- Suggest also the presences of data show which is essential for presenting the theoretical and practical courses.

Course Coordinator:
(Course Professor): Prof. Dr. Salma Ahmed Mohamed El-Gatrify

Head of Department:
Prof. Dr. Salma Ahmed Mohamed El-Gatrify

Date: 10/7/2009