University: Damanhour **Faculty**: Veterinary Medicine
Department: Animal Husbandry and animal Wealth Development

Animal and Poultry Behaviour and Management
Course Specifications (2010 - 2011)

Program(s) on which the course is given:	BVSc
Department offering the program:	---
Department offering the course:	Animal Husbandry and animal Wealth Development
Major or Minor element of programs:	Major
Academic year /Level:	1st Year 1st&2nd semester
Date of specification approval:	

A. BASIC INFORMATION

Title: Animal and Poultry behaviour and Management **Code**: 1ABEH, 1BBEH

Hours :

Lectures 2 hrs/week **Practical** 3 hrs/week **Total** 75 hrs

B. PROFESSIONAL INFORMATION

1. Overall aims of the course:

- To support achievement of basic knowledge of normal animal behaviour and management to improve their productivity.
- To enable students to provide the suitable environmental conditions for farm animals.
- To provide students with appropriate background covering the common and important management for each species of animals.
- To provide the students with some knowledge which help them to avoid animal's danger.

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

a. Knowledge and Understanding: By the end of the course, students should be able to;

a1 Describe normal behaviour in different animal species, so they become able to identify any deviation than normal physiological functions of the body.
a2 Illustrate difference between managerial and inherited problems in the farms.
a3 Determine the most suitable method of management for each species at different ages
a4 Apply the managerial method for different environmental conditions.

b. Intellectual Skills: By the end of the course, students should be able to;

b1 Interpret the most important symptoms of sound animals
b2 Decide the managerial plans for each animal species
b3 Make decisions regarding the common clinical problems associated with animal management
b4 Deals with any vicious diseased animal admit in the clinic.

c. Professional and Practical Skills: By the end of the course, students should be able to;

- **c1** Communicate effectively with farm's owner using appropriate communication skills
- **c2** Demonstrate and apply the important managerial practices to increase animal's productivity

d. General and Transferable Skills: The veterinary graduate will be able to

- **d1** achieve experience in team work and critical analyses in relation different data processing and problem solving.
- **d2** handle and manage large size data.
- **d3** effectively use the PC to produce understandable reports and summaries
- **d4** communicate effectively with colleagues and appropriate authorities
- **d5** perform Web search for common professional problems to retrieve information

3. Contents:

1st semester

Lecture

Topic	No. of hours	Lectures	Practical
▪ General Ethology & Terminology	4	4	0
▪ Identification of farm animals	4	4	0
▪ Cattle's behaviour and management.	6	6	0
▪ Buffalo's behaviour and management.	2	2	0
▪ Equine's behaviour and management.	4	4	0
▪ Sheep and Goat's behaviour and management.	6	6	0
▪ Camel's behaviour and management	4	4	0
Total	**30**	**30**	**0**

Practical

Topic	No. of hours	Lectures	Practical
▪ Points of farm animals	8	0	8
▪ Manipulation and restraint of horse and cattle	6	0	6
▪ Manipulation and restraint of camel and sheep	6	0	6
▪ Securing of dog and cat	6	0	6
▪ Grooming and washing of animals	6	0	6
▪ Clipping and clothing of animals	6	0	6
▪ Examination of soundness	7	0	7
Total	**45**	**0**	**45**

2nd semester

Lecture

Topic	No. of hours	Lectures	Practical
▪ General Ethology & Terminology	4	4	0
▪ Identification of farm animals	4	4	0
▪ Cattle's behaviour and management.	6	6	0
▪ Buffalo's behaviour and management.	2	2	0
▪ Equine's behaviour and management.	4	4	0
▪ Sheep and Goat's behaviour and management.	6	6	0

▪ Camel's behaviour and management	4	4	0
Total	**30**	**30**	**0**

Practical

Topic	No. of hours	Lectures	Practical
▪ Points of farm animals	8	0	8
▪ Manipulation and restraint of horse and cattle	6	0	6
▪ Manipulation and restraint of camel and sheep	6	0	6
▪ Securing of dog and cat	6	0	6
▪ Grooming and washing of animals	6	0	6
▪ Clipping and clothing of animals	6	0	6
▪ Examination of soundness	7	0	7
Total	**45**	**0**	**45**

4. Teaching and Learning Methods:

4.1 Lectures

4.2 Practical small group sessions

Practical training:

- Practical demonstration, practice skills, and discussion) by general experimental animal teaching.

Helping tools:

- Articles of securing, casting, fastening, grooming, bandage, clipping, identification, gages.

4.3 Independent preparations of colored posters

5. Student Assessment Methods:

	Exam	
5.1	Written Mid-term	To assess knowledge and understanding.
5.2	Written Final-term	To assess knowledge and understanding
5.3	Practical Final-term	To assess professional and practical skills.
5.4	Oral Final-term	To assess intellectual skills, understanding of topics and ways of thinking in resolving problems

Assessment Schedule (in each semester):

	Exam	Week
Assessment 1	Written Mid-term	6th
Assessment 2	Written Final-term	15th
Assessment 3	Practical Final-term	15th
Assessment 4	Oral Final-term	15th

Weighing of assessments (in each semester):

	Exam	2nd Semester (%)	Total (%)
Assessment 1	Written Mid-term	10	10
Assessment 2	Home and laboratory periodical	10	10
Assessment 3	Written Final-term	50	50

Assessment 4	Practical Final-term	15	15
Assessment 5	Oral Final-term	15	15
	Total	**100**	**100**

6. List of References:

6.1. Course Notes:

- Animal behavior and Managements (lectures and practice)

6.2. Essential Books:

- **F**raser, A. and Broom, D. M. (1997): Farm animal behavior and welfare. 3rd Ed. Cassell Ltd, Bailliere Tindall.
- Fraser, A. (1985): Deprivation of maintenance behavior in modern farm animal husbandry. In: A.F.Fraser (ed). Ethology of farm animals. Elsevier Sci. Publ. Com. Amsterdam, The Netherlands

6.3. Recommended Books:

- Hafez, E.S.E. (1975): behavior of domestic animals 3rd Ed. London. Bailliere. Tindall.
- Houpt, K.A. and Wolski, T.R. (1998): Domestic animal behavior for veterinarians and animal scientists. 2nd ed. The Iowa State Univ. press. Ames, USA.

6.4. Periodicals, websites, ….. etc

- Applied animal behavioral science
- Animal behavior
- Poultry science (national)
- British poultry science
- World poultry science

7. Facilities Required for Teaching and Learning

- **For lecture:** A large hall equipped with white board, data show and computer.
- **For practical**: A small hall equipped with white board, articles of securing, casting, fastening, grooming, bandage, clipping, identification, gages and some animal species for teaching

Course Coordinator: Prof. Dr. U. E. Mahrous

Head of Department: Prof. Dr. U. E. Mahrous

Date: