University of Sadat City
Faculty of Veterinary Medicine
Department of Husbandry And Animal Wealth development

Training Course specification of Animal, Poultry and Fish behaviour and management

1-Basic information	
Course title :	training Course specification of Animal, Poultry and Fish behaviour and management
Academic year:	2nd academic year (2014/2015)
Programme title:	Bachelor of Veterinary Medical Sciences
Contact hours week/semester:	**See training program specification**

2-Professional information

1- Overall aims of course

At the end of this course, the students had the ability to know the basic knowledge about manipulation, handling and securing of laboratory animals and pet birds, supplemental information on, housing, breeding, care, management and health. Also enable the student to know the basic requirements of fish aquarium and their management.

2- Intended training outcomes of course (ITOs)

a-Knowledge and understanding

By the end of this course the student should be able to:

1. List the most common different laboratory animal's species uses in biomedical researches.
2. Understand the proper management methods for each laboratory animal to realize high production rates and avoidance or minimization of discomfort, distress, and pain in concert with sound science.
3. Understand the proper requirements for fish aquarium preparation.
4. Identify different species of pet birds and their management.

b-Intellectual skills

By the end of this course the student should be able to :

1. Differentiate between normal and abnormal behaviour in different laboratory animal species and choose the best management ways for prevention and control it.
2. Have the ability to choose the best management ways for fish rearing and prepare their aquarium.
3. Able to reach the fundamental causes of behavioural disorders of pet birds.

c-Professional and practical skills
By the end of this course the student should be able to: 1. Use the best methods for manipulation and restraint of different species of laboratory animals and different techniques of injection and blood sampling. 2. Know the proper types of filters that used for fish aquarium also know how to prepare water that used for fish rearing. 3. Have the ability to measure different types of pet birds behaviour.
d-General and transferable skill
By the end of studying the course, the student should be able to 1. Work effectively as a part of team or individually to collect data. 2. Good communication skills. 3. Able to use internet and library resources to locate peer-reviewed journal articles

3-Topics and contents

Topic
1- General principles for laboratory animal house.
2-Biomedical uses of laboratory animal in scientific research.
3- Fish aquarium preparation.
4- Fish aquarium management.
5- pet birds behaviour and management.

4-Teaching and learning methods -
4.1 **Lectures about every topic in the course.** **4.2 Practical sessions.**

Training coordinator	Head of department
Prof. Dr. Hamada Dahi	Prof. Dr. Mohamed Atef Helal