



South Valley University.

Faculty of Veterinary Medicine.

Course Specifications:

Programme(s) on which the course is given: Bachelor degree of Veterinary Science.

Major or Minor element of programmes: Major.

Department offering the programme: Radiology, Anesthesiology and Surgery Department.

Department offering the course: Radiology, Anesthesiology and Surgery Department.

Academic year / Level: 5th year (first semester)

Date of specification approval: 22- 12- 2009

A- Basic Information:

Title: Regional Surgery (1st part)

Code: 511

Lecture: 2hrs/week.

Practical: 3hrs/ week

Total: 5hrs/week.

B- Professional Information:

1 – Overall Aims of Course

The graduate after finishing the course will have:

1 -Knowledge about different surgical affections in different body systems in different animals and its treatment either conservative, manipulative and surgical treatment.

2 -Knowledge about different surgical operations for different animals for treatment the surgical affections.

3 -Knowledge about pre-operative and postoperative care for any surgical operations.

2 – Intended Learning Outcomes of Course (ILOs):

a- Knowledge and Understanding:

The graduate must acquire the basic knowledge and understanding about:-

a1- Taking case history, clinical signs and radiographic examination which aid in correct diagnosis of any surgical affections.

a2- Using type of anesthesia which suitable for surgical operations.

a3- Pre-operative and post-operative care for the surgical operations.

b- Intellectual Skills

The graduate must have the ability to:-

- B1- Deal with etiology of the prevalent surgical affections among farm animal species and the required precautions for its prevention.
- b2- Deal with management of surgical complications and events encountered during surgical procedures and post operation.
- b3- Evaluate the outcome of the surgery regarding to the cost/benefit ratio.

c- Professional and Practical Skills

The graduate must attain the capacity to:-

- c1- Diagnose surgical affections.
- c2- Perform different types of anesthesia which suitable for the different surgical affections.
- c3- Perform different techniques for surgical operations and site of incision and position according to type of animal.
- c4- Calculate of the accurate dose from anesthetic drugs according to weight of animal.

d- General and Transferable Skills

The graduate must have the ability to:-

- d1- Work in a team group.
- d2- Collect of data about different surgical affections and its treatment from the internet and journal.
- d3- Collect of the videos through websites which show for students clinical symptoms on animals of different surgical affections and the surgical operations.

3- Contents:

-Lectures:

Topic	No. of hours
Affections of digestive system	2
Affections of digestive system	2
Affections of digestive system	2
Affections of urogenital system	2
Affections of urogenital system	2
Affections of respiratory system	2
Affections of respiratory system	2
Udder and teat affections	2
Ophthalmology	2
Ophthalmology	2
Ophthalmology	2
Miscellaneous conditions	2
Total	24

Topic	No. of hours
Oesophagotomy	3
Rumenotomy	3
Ophtalmic operations	3
Castrations	3
Castrations and urethrotomy in small animals	3
Urethrotomy and urethostomy in small ruminants	3
Abdominal surgery in small animals	3
Tracheostomy in large animals	3
Trephination in large animals	3
Laryngeal ventriculectomy	3
Amputation of the udder in small ruminants	3
Revision	3
Total	36

4– Teaching and Learning Methods:

- 4.1- Lecturing.
- 4.2- Practical sessions to gain practical skills.
- 4.3- Discussion.
- 4.4- Using experimental animals to perform surgical operations.

5- Student Assessment Methods:

- 5.1 Mid-Term examination to assess the intended learning

outcomes in half of the semester.

5.2 Practical examination to assess intended learning and practical skills outcomes

5.3 Final-term Examination to assess the intended learning outcomes in whole semester

5.4 Oral examination to assess the intended learning and skills outcomes in whole subject and related veterinary science.

Assessment Schedule

Assessment 1: Mid-Term exam. Week (8th week of the semester)

Assessment 2: Practical exam. Week (13th week of the semester)

Assessment 3: Final-term exam. Week (1st week of the semester)

Assessment 4: Oral exam. Week (1st week of the semester)

Weighting of Assessments

Mid-Term Examination	20%
Final-term Examination	50%
Oral Examination.	20%
Practical Examination	10%
Semester Work	----%
Other types of assessment	---- %
<hr/> Total	<hr/> 100%

Any formative only assessments

6- List of References:

6.1- Course Notes

Department course of veterinary surgery.

6.2- Essential Books (Text Books)

None

6.3- Recommended Books

Current techniques of veterinary surgery in small animals.

Bovine ruminant surgery.

6.4- Periodicals, Web Sites, ... etc

6.4.1- Veterinary surgery8m.com

6.4.2- Veterinary videos.com

7- Facilities Required for Teaching and Learning

-Appropriate teaching accommodation like teaching rooms.

-Teaching aids like overhead projectors, scientific posters.

-Well prepared laboratory include whiteboard, surgical tables.

-Experimental animals.

-Computers and data show for presentation of lectures and viewing clinical videos for different surgical operations in different animals.

Course Coordinator:

Date: 22 /5 /2010