

University: Damanhour  
Department: Surgery

Faculty: Veterinary Medicine

## **General Surgery and Anesthesia Course Specifications (2010- 2011)**

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**Program(s) on which the course is given:** BVSc  
**Department offering the program:** ---  
**Department offering the course:** Surgery  
**Major or Minor element of programs:** Major  
**Academic year /Level:** 4<sup>th</sup> Year 2 semesters  
**Date of specification approval:**

### **A. BASIC INFORMATION**

**Title:** General Surgery and Anesthesia **Code:** 4ASUR, 4BSUR  
**Hours:**  
**Lectures** 2 hrs/week **Practical** 2 hrs/week **Total** 120 hrs

### **B. PROFESSIONAL INFORMATION**

**1. Overall aims of the course:**

Knowledge about Anesthesia pre-operative techniques and General surgery.

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

**a. Knowledge and Understanding:**

- a1** Anesthesia and Tranquilizers in farm Animals.
- a2** Pre-operative techniques.
- a3** General surgery in domestic animals.

**b. Intellectual Skills:**

- b1** Different methods of Analgesia and Anesthesia
- b2** General surgery and Regional surgery for Farm Animals

**c. Professional and Practical Skills:**

- c1** Application of different types of anesthesia.
- c2** Diagnosis and treatment of some surgical affection in large and small animals.

**d. General and Transferable Skills:**

- d1** Good communication. Use of new technique for diagnosis or Digital radiography, ultrasonography, laparoscopy and fluoroscopy.
- d2** Group working, round teaching for diagnosis and treatment of surgical affections in animals.

### 3. Contents:

1 <sup>st</sup> Semester			
Topic	No. of hours	Lectures	Practical
General Surgery	60	30	30
Inflammation			
Hemorrhage and Homeostasis			
Wounds and its complications			
Fractures			
Cysts			
Tumors			
Burns			
2 <sup>nd</sup> Semester			
Anesthesiology	60	30	30
Pre-anesthetic medication			
Tranquilizers			
Local anesthesia			
Regional anesthesia			
General anesthesia			
<b>Total</b>	<b>120</b>	<b>60</b>	<b>60</b>

### 4. Teaching and Learning Methods:

- 4.1 Lectures and practice of every topic in the course
- 4.2 Collection of information from textbooks
- 4.3 Field visits (farms, villages and hospitals)
- 4.4 Study of clinical cases in faculty

### 5. Student Assessment Methods:

Exam		
5.1	Written Mid-term	To assess the ability to understand and remember knowledge
5.2	Written Final-term	To assess the ability to understand and remember knowledge
5.3	Practical Final-term	To assess professional and practical skills
5.4	Oral Final-term	To assess skills of discussion

### Assessment Schedule (in each semester):

	Exam	Week
Assessment 1	Written Mid-term	8 <sup>th</sup>
Assessment 2	Written Final-term	16 <sup>th</sup>
Assessment 3	Practical Final-term	16 <sup>th</sup>
Assessment 4	Oral Final-term	16 <sup>th</sup>

### Weighing of assessments

	Exam	Per Semester (%)	Total (%)
Assessment 1	Written Mid-term	10	20
Assessment 2	Written Final-term	25	50
Assessment 3	Practical Final-term	10	20
Assessment 4	Oral Final-term	5	10
<b>Total</b>		<b>50</b>	<b>100</b>

**6. List of References:**

**6.1. Course Notes:**

- Not available

**6.2. Essential Books:**

- Lameness in Horses
- Lameness in cattle
- Veterinary operative Surgery
- Veterinary Radiology
- Veterinary Anesthesia

**6.3. Recommended Books:**

- Large Animal Surgery
- Small Animal Surgery

**6.4. Periodicals, websites, ..... etc**

- Nothing

**7. Facilities Required for Teaching and Learning**

- Hydrolic tables
- Well-equipped surgery rooms
- Laptop and PCs
- Video films
- Digital Camera
- Monitor and TV circuit

**Course Coordinator:** .....

**Head of Department:** Prof. Dr. Hatem Salah El-Din

**Date:**