



**South Valley University**

**Faculty of Veterinary Medicine.**

## **14- Department of: Animal Surgery**

### **Course Specifications**

*Programme(s) on which the course is given:* **Master Degree**

Major or Minor element of program: major

Department offering the program: **Faculty of Veterinary Medicine**

Department offering the course: **Animal Surgery**

Academic year / Level: **Postgraduate Master Degree**

Date of specification approval:

### **A- Basic Information**

**Title: Regional and Systemic Surgery.**

**Code: M1402**

**Lecture: three hours**

**Practical: four hours**

**Total: hours**

### **B- Professional Information**

#### **1 – Overall Aims of Course**

- a. Good application of principals and methods of Scientific research and use its different methods.
- b. Application of the analytical method in the field of **Regional and Systemic Surgery**
- c. Application of the specific knowledge in relation with other knowledge in the profession.
- d. Discover the actual problems and the recent visions in the field of **Regional and Systemic Surgery**
- e. Defining the professional problems and finding solutions.
- f. Wide suitable special professional skills and using the suitable techniques in the field of **Regional and Systemic Surgery**
- g. Active communication and the ability to lead work team.
- h. Discussion making in the profession.
- i. Using the available sources in order to obtain and keeping the highest values.

- j. Awareness in society development and environmental preservation national and international**
- k. Transparency correctness and following the professional ethics.**
- l. Self academic and professional development and able for self learning.**

## **2 – Intended Learning Outcomes of Course (ILOs)**

### **a- Knowledge and Understanding:**

- a1- theories and principals related to the study and other fields related to the field.**
- a2- the effect of the applications on the environmental.**
- a3- the scientific development in the field of specialty.**
- a4- Ethics and laws of the profession in the field of specialty.**
- a5- principals of quality control assurance in the profession in the field of specialty.**
- a6- Principals and Ethics of scientific researches .**

### **b- Intellectual Skills**

- b1- Skills in analysis and evaluation in the field of specialty and solution of problems.**
- b2- Skills in solution of specific problems in case of shortage of resources .**
- b3- Skills in connection between different knowledge in solution of professional problems.**
- b4- Skills in research study or writing scientific paper about the research problems.**
- b5- evaluation of the risks in the profession in the field of specialty.**
- b6- planning for development of the performance in the field of specialty.**
- b7- decision making in the professional policy.**

### **c- Professional and Practical Skills**

- c1- Good performance of recent professional principals in the field of specialty .**
- c2- Writing and evaluation of professional reports.**
- c3- Evaluation of techniques in the field of specialty .**

### **d- General and Transferable Skills**

- d1-Different types of active communication .**
- D2-using of information technology on the behave of professional application .**
- d3-self assessment and renewing the self learning needs.**
- d4-uses of different resources for obtaining information and knowledge.**
- d5-rules and parameters for evaluation of team performance .**
- d6-working in leading team in the profession.**
- d7-time management.**
- d8-contiuing self learning.**

### 3- Contents :

الأسبوع	نظري (عدد ساعات 3 )	عملي ( عدد ساعات 4 )
1	of the jaw Affections ‘mandible‘ and maxilla	of the jaw Affections ‘and maxilla mandible
2	Affections of the teeth	Affections of the teeth
3	Affections of the teeth	Affections of the teeth
4	Affections of the buccal cavity,tongue and salivary gland	Affections of the buccal cavity,tongue and salivary gland
5	Affections of the oesophagus	Affections of the oesophagus
6	Affections of the stomach	Affections of the stomach
7	Laparotomy and Rumenotomy	Laparotomy and Rumenotomy
8	Abomasal displacement	Abomasal displacement
9	Intestinal obstruction	Intestinal obstruction
10	Anomalies of the rectum and anus	Anomalies of the rectum and anus
11	Acquired affections of the rectum	Acquired affections of the rectum
12	Anomalies of the urogenital system	Anomalies of the urogenital system
13	Urolithiasis(patho physiology and types)	Urolithiasis

<b>14</b>	<b>Urolithiasis in ruminants</b>	<b>Urolithiasis in ruminants</b>
<b>15</b>	<b>Urolithiasis in equines</b>	<b>Urolithiasis in equines</b>
<b>16</b>	<b>Urolithiasis in dogs &amp; cats</b>	<b>Urolithiasis in dogs &amp; cats</b>
<b>17</b>	<b>Castration in equine</b>	<b>Castration in equine</b>
<b>18</b>	<b>Castration in ruminants</b>	<b>Castration in ruminants</b>
<b>19</b>	<b>Inguinal &amp; Scrotal hernias</b>	<b>Inguinal &amp; Scrotal hernias</b>
<b>20</b>	<b>Affections of the respiratory system</b>	<b>Affections of the respiratory system</b>
<b>21</b>	<b>Affections of the respiratory system</b>	<b>Affections of the respiratory system</b>
<b>22</b>	<b>Affections of the mammary glands</b>	<b>Affections of the mammary glands</b>
<b>23</b>	<b>Affections of the mammary glands</b>	<b>Affections of the mammary glands</b>
<b>24</b>	<b>Affections of the mammary glands</b>	<b>Affections of the mammary glands</b>
<b>25</b>	<b>Affections of the ear</b>	<b>Affections of the ear</b>
<b>26</b>	<b>Back and withers affections Poll evil</b>	<b>Back and withers affections Poll evil</b>
<b>27</b>	<b>Affections of the horn</b>	<b>Affections of the horn</b>
<b>28</b>	<b>Affections of the eye</b>	<b>Affections of the eye</b>

#### **4– Teaching and Learning Methods:**

##### **4.1- Lecturing**

##### **4.2- Practical sessions to gain practical skills**

##### **4.3- Discussion sessions.**

##### **4.4- Case reports.**

##### **4.5- Experimental animals.**

##### **4.6- Videos and CD.**

#### **5- Student Assessment Methods**

5.1 Written exam to assess knowledge skills

5.2 Practical exam to assess professional skills

5.3 Oral exam to assess intellectual and general skills.

#### **Assessment Schedule**

Premaster/Predocor exam at the end of the academic year (November and March).

#### **Weighting of Assessments**

Final-term Examination	60 %
Oral Examination.	20 %
Practical Examination	20 %
Total	100 %

#### **6- List of References**

6.1- A text book of current veterinary surgery.

6.2- Large animal surgery.

6.3- Recommended Books

**Veterinary Surgery**

**Large Animal Surgery**

**Small Animal Surgery**

6.4- Periodicals, Web Sites, etc

**American Journal of Veterinary Medical Association.**

**Australian Journal of Veterinary Medicine.**

**Indian Journal of Veterinary Surgery.**

**Pet Place.com.**

## **7- Facilities Required for Teaching and Learning**

**Experimental animals**

**Computers and Data show for presentation of lectures and viewing surgical operations.**

**Course Coordinator:**

**Head of Department: Dr/ Abdel Naser Azab**

**Date:**