



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: Ophthalmic Surgery

Code: M1403

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 Ophthalmic 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 Ophthalmic Surgery
- e. Defining the professional problems and finding solutions.
- f. Wide suitable special professional skills and using the suitable techniques in the field of Ophthalmic 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	Ocular anatomy	Ocular anatomy
2	Examination of the eye	Examination of the eye
3	Examination of the eye	Examination of the eye
4	Ocular Pharmacology and therapeutics	Ocular Pharmacology and therapeutics
5	Upper and lower eyelid	Upper and lower eyelid
6	Upper and lower eyelid	Upper and lower eyelid
7	Nictitating membrane	Nictitating membrane
8	Lacrimal system	Lacrimal system
9	Conjunctiva	Conjunctiva
10	Conjunctiva	Conjunctiva
11	Sclera	Sclera
12	Cornea	Cornea
13	Cornea	Cornea

14	Anterior chamber	Anterior chamber
15	Anterior uvea	Anterior uvea
16	Glaucoma	Glaucoma
17	Lens	Lens
18	Vitreous body	Vitreous body
19	Retina and choroid	Retina and choroid
20	Optic nerve	Optic nerve
21	Orbit	Orbit
22	Orbit	Orbit
23	Nictitating membrane	Nictitating membrane
24	Nictitating membrane	Nictitating membrane
25	Lacrimal system	Lacrimal system
26	Lacrimal system	Lacrimal system
27	Irreparable conditions of the eye	Eye extirpation
28	Irreparable conditions of the eye	Eye extirpation

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 veterinary ophthalmology.

6.2- Research papers in ophthalmology.

6.3- Recommended Books

Fundamentals of Veterinary Ophthalmology

Animal vision

Small Animal Ophthalmology

6.4- Periodicals, Web Sites, etc

American Journal of Veterinary Medical Association.

Australian Journal of Veterinary Medicine.

PetPlace.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: