



South Valley University

Faculty of Veterinary Medicine

01 Department of: **Histology**

Course Specifications

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

Major or Minor element of programmes: major

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

Department offering the course: **Histology**

Academic year / Level: **Postgraduate Diploma**

Date of specification approval:

A- Basic Information

Title: Anatomy and Histology of Uro-genital System

Code: **Di 07 07**

Lecture: 1 hours/week for 30 weeks

Practical: 2 hour / week for 30 weeks

Total: 3 hour/week for 30 weeks

B- Professional Information

1- Overall Aims of Course

- 1 Knowledge on Anatomy and Histology of Uro-genital System for the purpose of Veterinary knowledge.**
- 2 Defining of the field problems and suggestion of solutions.**
- 3 Professional skills and using of technological means in the field of Anatomy and Histology of Uro-genital System.**
- 4 Continuing and leading teamwork in the profession.**
- 5 Decision making in the available means.**
- 6 Perfect use of the available means. How to protect the environment and the society through the study of Anatomy and Histology of Uro-genital System.**
- 7 Transparency and Ethically professional behavior and acceptance the other opinions.**

2 – Intended Learning Outcomes of Course (ILOs)

1) Knowledge and Understanding:

- (a) Theoretical and principals, knowledge and other specialty related to Anatomy and Histology of Uro-genital System.**
- (b) Ethics and laws ruling the profession within the specialty.**
- (c) Following the principals of quality control assurance in the profession within the specialty.**
- (d) Effects of the specialty on the society and the environment and how to protect them.**

2) Intellectual Skills

- (a) Solutions of problems in the profession within the field of specialty.**
- (b) Analytical reading of researches and subjects related to the field of specialty.**
- (c) Defining and analyzing of the problems in the field of specialty and arranging it according to the priority.**
- (d) Evaluation of the hazards of application on the environment.**
- (e) Professional decision making within the available information**

3) Professional and Practical Skills

- (a) Applying the professional skills in the field of Anatomy and Histology of Uro-genital System.**
- (b) Writing of the professional reports in the field of Anatomy and Histology of Uro-genital System.**

4) General and Transferable Skills

- (a) Different effective communications.**
- (b) Using information technology in development of the applied profession within the field of specialty.**
- (c) Self assessment and finding the needs of self education.**
- (d) Using of different sources for obtaining the information and knowledge.**

(e) Working in team and time management.

(f) Leading teamwork within the usual professional ethics.

(g) Continuing self learning.

3- Contents:

Topic	No. of hours	Lecture
Anatomy and Histology of male genital system	3	6
Anatomy and Histology of Testis	3	6
Anatomy and Histology of Epididymis and Vas deference	3	6
Anatomy and Histology of Penis	3	6
Anatomy and Histology of female genital system	3	6
Anatomy and Histology of Ovary	3	6
Anatomy and Histology of Ovarian ducts	3	6
Anatomy and Histology of Uterus and external genitalia	3	6
Anatomy and Histology of Kidney	3	6
Anatomy and Histology of Ureter and urinary bladder	3	6

4- Teaching and Learning Methods

4.1- Lectures.

4.2- Discussion.

4.3- Practical classes

5- Student Assessment Methods

5.1- Written and MCQ exams to assess mostly knowledge and understanding.

5.2- Oral exam to assess knowledge information and intellectual skills mainly.

5.3-. Practical exam to assess professional and practical skills.

5.4 – Activities including preparation of slides for fish tissues.

Assessment Schedule

Assessment 1: Written and MCQ exam Week 24

Assessment 2: Practical exam Week 25

Assessment 4: Oral term exam Week 26

Weighting of Assessments

Written and MCQ exams 60%

Oral term exam 15%

Practical exam 20 %

Activities 5%

Total 100%

6- List of References

6.1- Course Notes

- Veterinary Histology & Cytology (Part 2): Department of Anatomy and Histology, Faculty of Veterinary Medicine, Assiut University.
- Ahmed YA, notes on histology (personal notes).

6.2 Essential Books (Text Books)

6.3 Recommended Books.

6.4 Periodicals, Web Site,...etc

Periodicals:

- Journal of Histology.

Web sites:

- <http://education.vetmed.vt.edu/Curriculum/VM8054/VM8054HP.htm>
- <http://www.ivis.org/home.asp>
- http://www.svu.edu.eg/arabic/links/camps/qena/veter_medicine/index.htm
- <http://www.lab.anhb.uwa.edu.au/mb140/>

7- Facilities Required for Teaching and Learning

No.	Instrument
1-	Paraffin microtome
2-	Hot air ovens
3-	Digital pH meter
4-	Digital balance
5-	Incubator
6-	Student microscopes
7-	Chemicals
8-	Image analysis system
9-	Transmission electron microscope
10-	Scanning electron microscope
11-	Slide projector
12-	Overhead projector
13-	Tissue processor
14-	Cryostat
15-	Deep freezer
16-	Fridges
17-	Ultra tome
18-	Water bath
19-	Jars and bottles
20-	Shaker
21-	Laminar flow
22-	Centrifuge

Course Coordinator: Dr. Yasser Abdel Galil Ahmed Ali

Date: