

Specification for Obstetrics course 2019/2020

A-Affiliation

1.	Relevant program	Bachelor of Veterinary Medical Science (BVMSc)
2.	Department offering the course	Theriogenology

Date of specification approval: ministerial decree No. 1727 on 26/4/2017
(Approved in this template by the department council on 1/10/2019)

B-Basic information

1.	Course title	Obstetrics
2.	Course code	502 (A) III
3.	Level	5 th year
4.	Semester	First semester
5.	Total hours	5
6.	Lecture hours	2
7.	Practical hours	3

C. Professional Information

1- Course learning objectives

The course aims to provide the students **with** good manipulation with an obstetrical case, control the parapartal pathological affections **and** well manage a female before, during and after delivery.

2- Intended learning outcomes of the course (ILOs):

a- Knowledge and understanding

After successful completion of the course the students should be able to:

- a.1. Conduct clinical examination and handling of an obstetrical case.
- a.2. Follow the pathway of pregnant, parturition and puerperium
- a.3. Plan policy of the future breeding, replacing or culling

b- Intellectual skills

After successful completion of the course the students should be able to:

- b.1. Acquire good obstetrical approach
- b.2. Analyze an obstetrics problems
- b.3. Compare between different methods of breeding policy

c- Professional and practical skills

After successful completion of the course the students should be able to:

- c.1. Carry out and handle a female in an obstetrical condition
- c.2. Evaluate and save the dam and offspring from danger
- c.3. Maintain the female reproductive potential

d- General and transferable skills

After successful completion of the course the students should have the following skills

- d1- Searching skills
- d2- Communication skills
- d3- Problem solving skills
- d4- Working in a team work

3- Course contribution in the program ILOs:

Course ILOS	Program ILOS
A Knowledge and understanding	a ¹⁰
B Intellectual skills	b ⁹
C Professional and practical skills	c ^{7,9}
D General and transferable skills	d ^{1,2,3,5,6}

3.1- Course contents:

Topic	Lecture hours	Practical hours
Physiology of pregnancy	8	-
Pathology of pregnancy	6	-
Normal parturition	4	-
Dystocia	4	-
Normal puerperium	4	-
Abnormal puerperium	4	-
Scheme of obstetrical exam		6
Tools & equipments		6
Exam of normal parturient case		15
Exam of dystocian case		6
Maneuvers in case of dystocia		12
Total	30	45

The midterm and practical exams are included during the semester

3.2- ILOs matrix:

Topic	A) Knowledge and understanding	B) Intellectual skills	C) Professional and practical skills	D) General and transferable skills
Hormonal control of reproduction	a1, a2	b1, b2,b3	c1, c2 , c3	d1, d2,
Puberty and sexual maturity	a1, a3	b1, b2,b3	c1, c2 , c3	d1, d2,
Estrous cycle, ovulation & fertilization	a1, a3	b1, ,b3,	c1, c2 , c3	d1

Infertility in cattle	a1, a2, a3	b1, b3	c1, c2, c3	d3,d4
Infertility in equine	a1, a3	b1, b2	c1, c2, c3	d3,d4
Estrous detection & synchronization	a1, a2	b1,b3	c1, c2, c3	d1, d2
Records & Recording systems	a1, a2	b1, b2,b3	c1, c2, c3	d1, d2,
Scheme of gynecological examination	a1, a3	b1, b2,b3	c1, c2, c3	d1, d2,
Physical exam of non-pregnant animal	a1, a2, a3	b1, b2,b3,	c1, c2, c3	d1, d3,d4
Rectal exam of non-pregnant case	a1, a2, a3	b1, b2,b3	c1, c2, c3	d3,d4
Vaginal exam. of non-pregnant case	a1, a3	b1, b2,b3	c1, c2, c3	d3,d4
Ultrasound exam of non-pregnant case	a1, a2	b1, b2,b3	c1, c2, c3	d1, d2, d3,d4
Diagnosis of pregnancy by rectal	a1, a3	b1, b2,b3	c1, c2, c3	d1, d2, d3,d4
Diagnosis of pregnancy by ultrasound	a1, a3	b1, ,b3,	c1, c2, c3	d1
Diagnosis of pregnancy by lab. tests	a1, a2, a3	b1, b3	c1, c2, c3	d3,d4

4- Teaching, learning and assessment methods:

ILOs	Teaching and Learning methods							assessment method					
	L	P&M	D	P	Ps	Bs	Ft	semester	midterm	oral	practical	written	
Interc ge and understar	a1	x	x	x	0		x	0	x	x	x	0	x
	a2	x	x	x	0		x	0	x	x	x	0	x
	a3	x	x	x	0		x	0	x	x	x	0	x
Interc ual el-ile	b1	x	x	x	0	x	x	x	x	x	x	0	x
	b2	x	x	x	0	x	x	x	x	x	x	0	x
	b3	x	x	x	0	x	x	x	x	x	x	0	x
onal and practic	c1	0	x	x	x	x	0	x	x	0	x	x	0
	c2	0	x	x	x	x	0	x	x	0	x	x	0
	c3	0	x	x	x	x	0	x	x	0	x	x	0
Gen ral el-ile	d1	0	x	x	0	x	x	x	x	0	x		x
	d2	x	x	0	x		0	x	x	0	x	x	0

d3	0	0	x	0	x	0	x	x	0	x	x	x
d4	0	0	0	x		0	x	x	0	x	0	0

L :Lecture, P&M: Presentations & Movies, D&S: Discussions & Seminars PT: Practical, Ps: Problem solving, Bs: Brain storming Ft: field trip

5- Assessment timing and grading:

Assessment method	timing	grade
Mid-term exam and semester work	6 th week	15
Practical exam	14 th week	20
oral exam	End of semester	15
Written exam	End of semester	50
total		100

6- List of references

6.1- Course notes:

Veterinary obstetrics edited by the staff members

6.2- Essential books (text books)

- John Dascanio (2014) Equine Reproductive procedures.
- Wolfgang Jochle (2010) Control of Reproductive Functions in Domestic Animals
- David E. Noakes (2009) veterinary reproduction and obstetrics

6.3- Recommended books

- Course notes.
- David E. Noakes (2009) veterinary reproduction and obstetrics.
- Current therapy in theriogenology, D.A. Morrow

6.4- Periodicals, Web sites, . . . etc

- J. Animal reproduction & Fertility.
- J. Fertility & Sterility.
- www.arabvet.com
- www.ekb.eg

7- Facilities required for teaching and learning

- Equipped teaching hall.
- Equipped Laboratory.
- Faculty teaching farm
- Faculty teaching hospital

Course coordinator: Prof Dr. MAHMOUD ABED ABOU EL- ROOS

Head of department Prof Dr. GAMAL A. SOSA

Signature

Date 1/10/2019