

Specification for Lameness course 2019/2020

A-Affiliation

1.	Relevant program	Bachelor of Veterinary Medical Science (BVMSc)
2.	Department offering the course	Surgery anesthesiology and radiology

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	Lameness
2.	Course code	512 (B) IV
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 aim of the course is to provide the students with an education on etiology, clinical signs, diagnosis and differential diagnosis of many different conditions causing locomotors disorders in domestic animals. Special attention will be paid to the locomotors disturbances in equine. The surgical and medicinal treatment of these conditions will be discussed in details.

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

a- Knowledge and understanding

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

- a1- Stat the surgical anatomy of the fore and hind limbs in large animals.
- a2- List the traumatic, pathological and neurological causes that could induce locomotors disturbances.
- a3- Identify the symptoms of many different conditions that causing locomotors disturbances.
- a4- Describe the surgical procedures for correction of the locomotors disturbances

b- Intellectual skills

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

- b1- Determine the suitable diagnostic tool to reach a correct diagnosis.

- b2- Decide how to performing diagnosis and differential diagnosis for the affected cases.
- b3- Assess the suitable medicinal and/or surgical treatment for such case.
- b4- Evaluate the surgical affections of the claw that have an economic importance

c- Professional and practical skills

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

- c1- Diagnose lameness and detect the site of lameness.
- c2- Perform some orthopedic techniques.
- c3- Refer and assist in advanced surgical conditions.
- c4- Manage the surgical cases after operation

d- General and transferable skills

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

- d1- Solve problems associated with pet animal diseases.
- d2- Communicate with other colleagues for reaching diagnosis.
- d3- Cooperate with other veterinary hospitals, clinics and units in the field of pet animal practice.
- d4- Work in a team during group assignments

3- Course contribution in the program ILOs:

Course ILOS	Program ILOS
A Knowledge and understanding	a10
B Intellectual skills	b8
C Professional and practical skills	c3,9,10
D General and transferable skills	d1,2,3,5

3.1- Course contents:

Topic	Lecture hours	Practical hours
Types and diagnosis of lameness	6	6
Fore limb lameness	8	6
Hind limb lameness	6	9
Hoof affections	6	6
Claw affections	2	6
Selected topics in small animal lameness	2	3
Clinical cases	-	9
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
Types and diagnosis of lameness	a1-a2-a3-a4	b1-b2-b3- b4	c1-c2-c3-c4-	d1-d2-d3-d4
Fore limb lameness	a1-a2-a3-a4	b1-b2-b3- b4	c1-c2-c3-c4-	d1-d2-d3-d4
Hind limb lameness	a1-a2-a3-a4	b1-b2-b3- b4	c1-c2-c3-c4-	d1-d2-d3-d4
Hoof affections	a1-a2-a3-a4	b1-b2-b3- b4	c1-c2-c3-c4-	d1-d2-d3-d4
Claw affections	a1-a2- a4	b1-b2-b3- b4	c1-c2-c3-c4-	d1-d2-d3-d4
Selected topics in small animal lameness	a1-a2-a3-a4	b1-b2-b3- b4	c1-c2-c3-c4-	d1-d2-d3-d4
Clinical cases	a1-a2-a3-a4	b1-b2-b3- b4	c1-c2-c3-c4-	d1-d2-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	
and understandin	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
	a4	X	X	X	0		X	0	X	X	X	0	X
Intellectua skills	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
	b4	X	X	X	0	X	X	X	X	X	X	0	X
al and practical	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
	c4	0	X	X	X	X	0	X	X	0	X	X	0
General skills	d1	X	0	X		X	0	X	X	0	X	X	X
	d2	X	0	X	X	0	0	X	X	0	X	0	0
	d3	0	0	X	X	0	0	X	X	0	X	0	0
	d4	0	X	X	0	0	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:

A concise guide of General Veterinary Surgery **edited by staff members**

6.2- Essential books (text books)

- Pramod Kumar (2009) textbook of veterinary anesthesia.
- Lisa M. Lavin (2007) Radiography in Veterinary Technology
- A.David Weaver (2005) Bovine Surgery and Lameness
- E. R Frank. Veterinary Surgery

6.3- Recommended books

- Course note.
- A.David Weaver (2005) Bovine Surgery and Lameness.
- Kirby I. Bland (2002) the Practice of General Surgery.

6.4- Periodicals, Web sites, . . . etc

- Journal of Veterinary Surgery.
- American Journal of Veterinary Medical Association.
- American Journal of Veterinary Research
- Veterinary Record
- www.ekb.eg

7- Facilities required for teaching and learning

- Equipped teaching hall.
- Equipped surgical laboratory.
- Equipped surgery room.
- Radiation unit
- Faculty teaching farm
- Faculty teaching hospital
- Training unit

Course coordinator: Prof. Dr ADEL ELAQRAA.

Head of department Prof. Dr ADEL ELAQRAA

Signature

Date...1/10/2019