Course Description Form

1. Course Name: Surgery II

2. Course Code VEC4125:

3. Semester / Year :   2nd semester / 4th stage

4. Description Preparation Date: 4/3/2024

5. Available Attendance Forms: presence

6. Number of Credit Hours (Total) / Number of Units (Total) /75 hour / 4unit

7. Course administrator's name (mention all, if more than one name)
   Name: D. Kamal Ali Salah
   Email:

8. Course Objectives

Course Objectives	1. **Learn about the principles of veterinary surgery.**
	2. **Surgery is considered an applied veterinary science.**
	3- **Diagnosing medical conditions that require surgical operations.**
	4- **Learn to perform all surgical operations on various body systems and their steps.**
	5- **Knowing the fate of cases on which surgical operations were performed.**
	6- **Giving a certain success rate for the surgical operations performed.**

9. Teaching and Learning Strategies

Strategy	- Teaching the student the ability to diagnose diseases. - Teaching the student the ability to treat animals. - Teaching the student to raise and deal with animals.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	ه	General anesthesia	Premedication and muscle relaxant	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
2	ه		Stages of general anesthesia	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
3	ه		Volatile and non-vola anesthetic agents	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
4	ه	X-ray	Anesthesia of lab Animals and birds	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
5	ه		Anesthetic accidents	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
6	ه		Anesthetic accidents treatment	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
7	ه	Review	X-ray	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
8		**Mid-term exam.**			Theoretical tests and the process
9	ه	Orthopedics surgery	Radiation hazard and protecti	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
10	ه		Diagnostic and procedures of radiology	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
11	ه	Tendon surgery	Processing of X-Ray	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
12	ه	Intra articular injecti	Fracture classification	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
13	ه	Laser and endoscopic surgery	Lameness	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
14	ه	Docking	Affection of hoof	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
15	ه	**General review of articles**	Laser in surgery and Endoscopic surgery	نظري(ثلاث ساعات)+ عملي(ساعتين)	Theoretical tests and the process
16		**Final-term exam.**			

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc .
It includes (30) theoretical and (10) practical exams, and the final exam is (٤5) theoretical + (15) practical .

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	No
Main references (sources)	1- Surgical approaches to the bor and joints of the dog and cat , Kennetl Johnson ; fifth edition .

	2- Farm animal medicine and surg[ery] for small animal veterinarians , graham Duncanson .
	3- Veterinary anesthesia a[nd] analgesia , kurt A. Grimm ;the fifth edit[ion] of lumb and jones .
	4- Small animal anesthesia techniq[ues] , Amanda M. Shelby .
	5- Surgical principles ,BSAVA man[ual] of canine and feline . Stephen baines .
	6-Anesthesia for veterin[ary] technicians , susan Bryant.
Recommended books and references (scientific journals, reports…)	---
Electronic References, Websites	Wikipedia