AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Gastroscopy in Cats and Dogs					
Course Code		VİH632		Couse Level	Third Cycle (Doctorate Degree)		
ECTS Credit	3	Workload	75 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		Symptoms of gastro-intestinal tract in dogs and cats, diagnostic and therapeutic value of gastroscopy, indications, contraindications and complications of the basic gastroscope equipment, patient preparation and anesthesia for gastroscopy, display and evaluation of the upper gastro-intestinal tract.					
Course Content		See weekly course topics.					
Work Placement		N/A					
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)		Lec. Gülten Emek TUNA					

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	2	10

Recommended or Required Reading

1	Larry P. Tilley, Francis W. K. Smith; Blackwell's Five-Minute Veterinary Consult: Canine and Feline, 5th Edition. Wiley-Blackwell, 2011
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
3	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
4	Nelson, Richard W., C. C.Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
5	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of Endoscopy
	Preparation Work	Introduce the apparatus and equipment
2	Theoretical	Application areas
	Preparation Work	Introduce the apparatus and equipment
3	Theoretical	Type of endoscopy
	Preparation Work	Introduce the part of apparatus and equipment
4	Theoretical	Endoscopy equipment
	Preparation Work	Introduce and clining part of apparatus and equipment
5	Theoretical	Gastrocopy in dogs
	Preparation Work	Watching gastroscopy application videos
6	Theoretical	Gastroscopy in cats
	Preparation Work	Watching gastroscopy application videos
7	Theoretical	Indication and contraindications of gastroscopy
	Preparation Work	Case study
8	Intermediate Exam	Midterm
9	Theoretical	Preparation of the patient
	Preparation Work	Case study
10	Theoretical	Gastroscopy application techniques
	Preparation Work	Case study
11	Theoretical	Gastroscopy application techniques
	Preparation Work	Case study
12	Theoretical	Probable complications in gastroscopy
	Preparation Work	Case study
13	Theoretical	Abnormal signs in gastrocopy

13	Preparation Work	Case study		
14	Theoretical	Abnormal signs in gastrocopy		
	Preparation Work	Case study		
15	Theoretical	Discussion		
16	Final Exam	Final		

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Assignment	1	10	0	10
Reading	14	0	1	14
Midterm Examination	1	2	1	3
Final Examination	1	5	1	6
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Considers the sufficient theoretic information about gastroscopy and its equipments.
2	Considers the indicated and contra-indicated situations for gastroscopy applications
3	Performs the gastroscopy application.
4	Practices the diagnostic and treatment applications by assessing the gastroscopy symptoms
5	Make differential diagnosis of patients.

Programme Outcomes (Internal Diseases (Veterinary Medicine) Doctorate)

1	Based on acquirements relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculior results.
2	Detecting relevant problems, establishing hypothesis against solution, acquirement of solving hypothesis within computational and experimental methods.
3	A systematic approach of evaluating and using new knowledge on related field.
4	Usage of previously known scientific methods related to field for advanced/newly known/occuring problems.
5	For Large and Small Animal Internal Medicine, taking into account the systemic clinical examination, realizing the true diagnosis for interpreting the clinical and laboratory findings, and the need to implement effective and rational treatment for taking prophylactic measures.
6	Detecting the problems related to Turkish animal husbandry related to herd health and prophylactic veterinary surgeon.
7	Reviewing and usage of all related data (field observations, scientific knowledge) for requirements.
8	Innovation in the field of science, the scientific method for a new area of development and application of a method known to have one of a new plan that for.
9	Following, evaluating, presenting and discussing the international literature in the field of Veterinary Internal Medicine.
10	Offering all kinds of development and innovation in the field of appropriate methods, the economic and social advancement of the society for contribution.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4
P1	4	4	4	4
P2	3	4	4	4
P3	4	4	4	4
P4	4	4	4	4
P5	3	4	5	5
P6	1	1	1	1
P7	3	3	4	4
P8	3	4	4	4
P9	3	3	3	3
P10	3	3	4	4