AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Cardiovascular Diseases in Cats and Dogs								
Course Code	VİH605		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	4	Workload	99 *(Hours)*	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	Methods of examination of the heart and circulatory system, acute and chronic heart failure, cardiomyopathies, impulse formation and conduction disorders, pericarditis, myocardial and endokard'ın disease, heart valve defects, peripheral vascular disease and peripheral circulatory failure, causes, clinical and laboratory findings , diagnosis and treatment in dogs and cats.								
Course Content	See weekly course topics								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Experiment, Demonstration, Discussion, Case Study								
Name of Lecturer(s)	Prof. Kerem URAL								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	25
Final Examination	1	60
Assignment	3	15

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	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
3	Nelson, Richard W., C. C.Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
4	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003
5	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
6	Z. Yılmaz, M. Kocatürk. Köpek ve Kedilerde Elektrokardiyografi , 2012.
7	K. G. Braund. Neurovascular Disorders. In: Clinical Neurology in Small Animals - Localization, Diagnosis and Treatment, Braund K.G. (Ed.) International Veterinary Information Service, Ithaca NY (www.ivis.org), 2003

Week	Weekly Detailed Course Contents	
1	Theoretical	Examination of Cardiovascular System
2	Theoretical	Examination of Cardiovascular System
3	Theoretical	Congenital Heart Diseases
4	Theoretical	Treatment of Cardiac Insufficiency
5	Theoretical	Acute Cardiac Insufficiency
6	Theoretical	Chronic Cardiac Insufficiency
7	Theoretical	Cardiac Arrhythmia
8	Intermediate Exam	Midterm
9	Theoretical	Cardiopulmonary Arrest
10	Theoretical	Valvular Heart Diseases
11	Theoretical	Myocardial Diseases
12	Theoretical	Pericardial Disorders-Infectious Endocarditis
13	Theoretical	Dirofilariosis
14	Theoretical	Peripheral Vascular Diseases
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14

Assignment	3	0	10	30
Reading	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
			Total Workload (Hours)	99
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Performs systemic examination of the cardiovascular system.
2	Interpreting clinical and laboratory findings, and therefore making diagnosis.
3	Performs treatment and monitorization.
4	Interprets electrocardiographies in the evaluation of cardiovascular diseases.
5	Interprets ecocardiographies in the evaluation of cardiovascular diseases.

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
P1	5	5	5
P2	4	4	4
P3	4	4	4
P4	5	5	5
P5	5	5	5
P6	1	1	1
P7	4	4	4
P8	3	3	3
P9	3	3	3
P10	4	4	4