



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cardiac Diseases in Cats and Dogs							
Course Code		VİH546		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	50 ( <i>Hours</i> )	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Inflammatory and non-inflammatory degeneration of pericard, myocard and endocard, etiology of acute and chronic heart failure and heart valve failures, pathogenesis, clinical and laboratory findings, diagnosis, differential diagnosis and treatment will be evaluated theoretically and practically.							
Course Content		See weekly course content							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Assoc. Prof. Ceren DİNLER AY, Assoc. Prof. Songül ERDOĞAN							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	35
Final Examination	1	60
Assignment	1	5

### 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. Electrocardiography of Dogs and Cats, 2012.

Week	Weekly Detailed Course Contents	
1	Theoretical	overview of heart disease
2	Theoretical	General examination of cardiovascular system
3	Theoretical	General imaging techniques of heart disease
4	Theoretical	Electrocardiography
5	Theoretical	Ecocardiography
6	Theoretical	arrhythmia
7	Theoretical	Cardiac failure
8	Intermediate Exam	Midterm
9	Theoretical	Myocarditis
10	Theoretical	dilated cardiomyopathy
11	Theoretical	Degenerative heart valve diseases
12	Theoretical	Endocarditis
13	Theoretical	Pericardial disease
14	Theoretical	Dirofilariasis
15	Theoretical	discussion
16	Final Exam	final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	1	0	12	12
Reading	14	0	1	14
Midterm Examination	1	3	1	4



Final Examination	1	5	1	6
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows theoretical knowledge about heart disease of cats and dog
2	Make diagnose of diseases
3	Perform suitable treatment with right medication and methods, get prophylactic approach measures.
4	Interpret electrocardiographic data in the diagnosis of heart diseases.
5	Knows echocardiographic evaluation for the determination of heart diseases.

### Programme Outcomes (Internal Diseases (Veterinary Medicine) Master)

1	Among veterinary medicine master of science sufficiency, increasing and deepening relevant knowledge
2	Developing and deepening theoretical and practical knowledge in the field of use, integrating knowledge from different disciplines for interpretation.
3	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.
4	Learning how to access and evaluate relevant information.
5	Quoting updated novelty relevant to Veterinary Internal Medicine by incrisptive, oral and visually.
6	Planning a relevant research study by use of quantative and qualitative data collection, contiuiuing by taking care of scientific ethics, and by evaluation of appropriate statistical methods chosen, converting the investigational and project results into report/thesis.
7	Information obtained in accordance with the requirements of the country and the level of expertise of the region for usage of research public and animal health.

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

	L1	L2	L3
P1	4	5	5
P2	4	5	5
P3	5	4	4
P4	4	5	5
P5	3	4	4
P6	4	3	4
P7	4	4	4

