AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Thyroid and Parathyroid Glands Disease in Cats and Dogs						
Course Code	VİH542		Couse Level	Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	55 *(Hours)*	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	To explain the etiology, pathogenesis, clinical and laboratory findings, diagnosis and differential diagnosis and treatment of hypoparathyroidism, hypothyroidism, hyperthyroidism and hyperparathyroidism.						
Course Content	See weekly course topics						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study				
Name of Lecturer(s)							

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	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	K. G. Braund. Endogenous Metabolic Disorders. In: Braund's Clinical Neurology in Small Animals: Localization, Diagnosis and Treatment, Vite C.H. (Ed.)International Veterinary Information Service, Ithaca NY (www.ivis.org), 2003;

Week	Weekly Detailed Course Contents	
1	Theoretical	Thyroid Gland and Functions
2	Theoretical	Login Thyroid Gland Diseases
3	Theoretical	the treatment principles of thyroid gland diseases in dogs
4	Theoretical	Clinical and Laboratory Findings in dogs which have hypothyroidism
5	Theoretical	Diagnosis of hipotiroidizm in dogs
6	Theoretical	Thyroid gland tumors in dogs
7	Theoretical	hyperthyroidism in cats
8	Intermediate Exam	Midterm
9	Theoretical	Diagnostic Tests in cats which have Hyperthyroidism
10	Theoretical	
11	Theoretical	Treatment of Hyperthyroidism in cats
12	Theoretical	Parathyroid Gland Disorders
13	Theoretical	Hypoparathyroidism
14	Theoretical	hyperthyroidism
15	Theoretical	discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	2	0	5	10
Reading	14	0	1	14

Midterm Examination	1	5	1	6
Final Examination	1	10	1	11
			Total Workload (Hours)	55
			[Total Workload (Hours) / 25*] = **ECTS**	2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Have the theoretical knowledge of the thyroid and parathyroid gland diseases in dogs and cats.
2	Diagnoses evaluating the clinical and laboratory findings.
3	ApplyS the appropriate treatment protocol.
4	Determine the prognosis of patients.
5	Determine the differential diagnosis of thyroid and parathyroid gland 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, continiuing 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	3	5	5
P3	4	4	4
P4	4	4	4
P5	4	3	4
P6	4	4	4
P7	3	4	4