AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Treatment of Neurotoxic Disorders in Cats and Dogs								
Course Code	ViH656		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	3	Workload	69 *(Hours)*	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	To evaluate the neurotoxicity findings and therapies, caused by important heavy metal, drugs, automotive products, solvents and cleaning agents, rodenticides, insecticides, cyanogen plants, bacterial, tick paralysis, and therapeutic agents in dog and cats.								
Course Content	See weekly course topics								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving								
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	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
6	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010

Week	Weekly Detailed Course Contents	
1	Theoretical	Lead, Mercury toxicity
2	Theoretical	Ethylene Glycol, Alcohol, Chlorhexidine, Hexachlorophene intoxication
3	Theoretical	Warfarin, strychnine, thallium
4	Theoretical	Amitraz, organophosphate insecticides, carbamate intoxication
5	Theoretical	cyanogen Plants
6	Theoretical	Tetanus, Botulinum
7	Theoretical	Tick Paralysis
8	Intermediate Exam	Midterm
9	Theoretical	Aminoglycosides, Barbiturates, Caffeine and Other Methylxanthines intoxication
10	Theoretical	Bromides, Klosantal, Griseofulvin intoxication
11	Theoretical	Ivermectin, Levamisole, metronidazole toxicity
12	Theoretical	Methionine, Metoclopramid toxicity
13	Theoretical	Dichlorophen, tricyclic depressants toxication
14	Theoretical	Vincristine, Zopidem, 5-hydroxytryptophan toxicity
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	10	10
Reading	14	0	2	28
Midterm Examination	1	5	1	6

Final Examination	1	10	1	11
			Total Workload (Hours)	69
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Knows the etyology of neurotoxic disorders in dogs and cats.
2	Diagnoses and evaluate of clinical and laboratory findings.
3	Provides the rational and efficient treatment and prophylaxis
4	Knows differential diagnosis of diseases.
5	Makes therapeutic applications for etiology.

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