AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Treatment of Cardiovascular Diseases in Cattle								
Course Code	ViH652		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	3	Workload	75 *(Hours)*	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	Clinical sights in cattle's heart disease, To treatment and diagnosis of acute and chronic heart failure, cardiac arrhythmia, Infective endocarditis and tromboflebitis, pericarditis travmatica.								
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)	Assoc. Prof. Songül ERDOĞAN								

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

Recommended or Required Reading	
1	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
2	Bradford P. Smith; Large Animal Internal Medicine, 4th Edition. Mosby, 2009
3	Radostits, Otto M. [and others], eds. Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats and Horses. 10th ed. WB Saunders, 2007
4	Blowey, R. W., and Weaver, A. David; Color Atlas of Diseases and Disorders of Cattle, 2nd ed. Mosby, 2003

Week	Weekly Detailed Course Contents	
1	Theoretical	Pericardial,Myocardial Endocardial Diseases
2	Theoretical	Heart Disease Diagnosis
3	Theoretical	Clinical Findings Of Heart failure and Heart Disease
4	Theoretical	Diagnostic Approach ofHeart Diseases
5	Theoretical	Prognosisof Important Heart Disease
6	Theoretical	Treatment of Cardiac Arrhythmias
7	Theoretical	Treatment of Acute Heart Failure
8	Intermediate Exam	Midterm
9	Theoretical	Treatment of chronic heart failure
10	Theoretical	Pericarditis Treatment
11	Theoretical	Treatment of endocarditis
12	Theoretical	Trombophlebitis and this treatment
13	Theoretical	Cardiac glycosides
14	Theoretical	Diuretics, antiarrhythmics
15	Theoretical	Discussion
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	3	0	10	30
Reading	14	0	1	14
Midterm Examination	1	5	1	6

Final Examination	1	10	1	11
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	performs the examination of cardiovascular system in cattle
2	Make the diagnosis with clinical and laboratory findings
3	Performs the effective and rational treatment
4	Determine the differential diagnosis of the patient.
5	Determine the prognosis of the patient.

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