



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Diseases of Blood and Blood Forming Structures							
Course Code		ViH606		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Evaluation of etiology, clinical and laboratory findings, diagnosis, treatment and / or prevention issues for nonregenerative and regenerative anemias, hemoglobin compounds occurring in pathological situations, the relative and true polycythemia, porfirinopatiler, hemostasis disorders (coagulopathy, vasculopathy, thrombocytopenia), reactive leukocytosis and leukopenia, leukosis in cattle, sheep, dogs and cats, spleen diseases.							
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)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Assignment	1	20

### Recommended or Required Reading

1	D. J. Weiss, K. J. Wardrop. Schalm's Veterinary Hematology, 6th Edition. Wiley, 2011.
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010

Week	Weekly Detailed Course Contents	
1	Theoretical	Examination Techniques
2	Theoretical	Anemias
3	Theoretical	Polycytemias
4	Theoretical	Disorders of Hemostasis
5	Theoretical	Koagulopathy
6	Theoretical	Vasculopathy
7	Theoretical	Thrombocytopenia
8	Intermediate Exam	Midterm
9	Theoretical	Leukocytosis and Leukopenia
10	Theoretical	Oncologic Principles
11	Theoretical	Neoplasms of Blood and Blood Forming Organs
13	Theoretical	Enzootic Bovine Leukosis
14	Theoretical	Diseases of Spleen
15	Theoretical	Discussion
16	Final Exam	Final

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	3	0	15	45
Reading	14	0	1	14
Midterm Examination	1	10	1	11



Final Examination	1	15	1	16
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Implements the methods of examination
2	Evaluating the findings within making diagnosis.
3	Performs appropriate etiological and/or symptomatic treatment.
4	Make differential diagnosis of diseases.
5	Determine the prognosis of patients.

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

1	Based on acquirments relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculiar 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/occurring 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	3	3	3
P7	4	4	4
P8	3	3	3
P9	3	3	3
P10	3	3	3

