AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Explicate of Blood, Urine and Faeces Examination Findings					
Course Code		VİH540		Couse Level	Second Cycle (Master's Degree)		
ECTS Credit	5	Workload	123 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		To evaluate the theoretical and practical of blood, urine and stool examination which is important role in diagnosis, differential diagnosis, prognosis and treatment control of activities of diseases.					
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	20
Final Examination	1	60
Assignment	1	20

Recommended or Required Reading

1	Lulich JP, Osborne CA. Urine culture as a test for cure: why, when, and how? Vet Clin North Am Small Anim Pract. 2004 Jul;34(4):1027-41
2	M. Willard, H. Tvedten. Small Animal Clinical Diagnosis by Laboratory Methods, WB Saunders, 2003
3	Barger AM. The complete blood cell count: a powerful diagnostic tool. Vet Clin North Am Small Anim Pract. 2003 Nov;33 (6):1207-22.
4	K. Turgut. Veteriner Klinik Laboratuvar Teşhis Kitabı. 2000

Week	Weekly Detailed Course Contents	
1	Theoretical	Referange hematological values in animal
	Preparation Work	Clinical practice
2	Theoretical	Animal Species-Specific Blood Testing and Analysis Related Diseases
	Preparation Work	Clinical practice
3	Theoretical	Species-Specific normal urine values
	Preparation Work	Clinical practice
4	Theoretical	Techniques to obtain urine sample and effects of analysis
	Preparation Work	Clinical practise
5	Theoretical	Species-Specific Urine Analysis and Interpretation in disease conditions
	Preparation Work	Clinical practise
6	Theoretical	Parasitological and Cytology Urine Analysis
	Preparation Work	Clinical practise
7	Theoretical	Microbiological Analysis
	Preparation Work	Clinical practise
8	Intermediate Exam	Midterm
9	Theoretical	Interpretation of Urine Analysis in Chronic organ dysfunction related
	Preparation Work	Clinical practise
10	Theoretical	Fecal examination tecniques
	Preparation Work	Clinical practise
11	Theoretical	Species-Specific Fecal Analysis Interpretation in disease conditions
	Preparation Work	Clinical practise
12	Theoretical	Evaluation of Fecal Occult Blood
	Preparation Work	Clinical practise
13	Theoretical	Case evaluation
	Preparation Work	Clinical practise

14	Theoretical	Case evaluation
	Preparation Work	Clinical practise
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	4	0	10	40
Reading	14	0	1	14
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
			Total Workload (Hours)	123
			[Total Workload (Hours) / 25*] = **ECTS**	5

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Take accordance with the technique to blood, urine, and stool samples
2	evaluations the findings to disease with diagnosis, different diagnosis, prognosis and perfoms the treatment
3	Interpret the results from different laboratories.
4	Gains knowledge of analytical variables that may affect laboratory results.
5	Evaluate the laboratory results with clinical findings.

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
P1	3	4
P2	3	4
P3	4	5
P4	3	4
P5	3	3
P6	4	4
P7	2	3