AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Introduction to Physiopathology								
Course Code	VPT552		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	5	Workload	121 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Pathophysiological mechanism of the diseases								
Course Content	Pathophysiological mechanism of the diseases								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Lec. Erkmen Tuğrul EPİKMEN, Prof. Hamdi AVCI, Prof. Şule Yurdagül ÖZSOY								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Term Assignment	1	10

Recommended or Required Reading	
1	K.V.F. Jubb, P. C.Kennedy, N. Palmer (1992). Pathology of Domestic Animals volume 1. 4th edition. Academic Pres Inc.
2	K.V.F. Jubb, P. C.Kennedy. N. Palmer (1992). Pathology of Domestic Animals volume 2. 4th edition. Academic Pres Inc
3	K.V.F. Jubb, P. C. Kennedy,N. Palmer (1992). Pathology of Domestic Animals volume 3. 4thedition. Academic Pres Inc
4	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 1. cilt medipres, Ankara.
5	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 2. cilt medipres, Ankara
6	Metin, N. (2008) Üriner sistem Patolojisi, Aydın. Metin, N. (2008) Sinir Sistemi Patolojisi, Aydın
7	Metin, N. (2008). Sindirim, Solunum ve Bilier Sistem Patoloji, Aydın.
8	B. A. Summers, J. F. Cummings, A. Lahunta. (1995).Veterinary Neuropathology. Mosby.
9	C. D. Buergelt. (1997). Color Atlas of Reproductive Pathology of Domestic Animals. Mosby.

Week	Weekly Detailed Course Contents	
1	Theoretical	Cell regulation and disorders, cell signaling pathways
2	Theoretical	Cell homeostasis, proliferation and malignancies
3	Theoretical	Cell death and cancer
4	Theoretical	The mechanism of the apoptosis
5	Theoretical	The mechanism of the oncogenesis
6	Theoretical	Etiology of the diseases.
7	Theoretical	Classifications of the pathogens
8	Intermediate Exam	Midterm exam
9	Theoretical	Host-pathogen interactions
10	Theoretical	Pathophysiology of the stress
11	Theoretical	Pathophysiology of the digestive system disorders
12	Theoretical	Pathophysiology of the muscle diseases
13	Theoretical	Pathophysiology of the skin diseases
14	Theoretical	Overview
15	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	5	0	5	25
Term Project	1	0	10	10
Reading	10	0	2	20

Individual Work	2	0	10	20
Midterm Examination	1	0	2	2
Final Examination	1	0	2	2
			Total Workload (Hours)	121
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To be knowledgeable about the pathophysiology of digestive system diseases
2	To be knowledgeable about the pathophysiology of muscle diseases
3	To be knowledgeable about the pathophysiology of skin diseases
4	To be knowledgeable about the oncogenesis
5	To be knowledgeable about the types of cell death

Programme Outcomes *(Pathology (Veterinary Medicine) Master)*	
1	The student knows anatomy, structure/function of organs and tissues as well as physiological mechanisms of especially farm animals.
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Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	4	3	4	5	5
P2	4	4	4	5	5
P3	3	3	4	5	5
P4	4	3	4	5	5
P5	5	4	3	5	5
P6	3	4	4	5	5
P7	4	3	4	5	5
P8	3	3	3	5	5
P9	3	4	3	5	5
P10	4	3	3	5	5