AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Animal Models on the Experimental Studies								
Course Code	VPT539		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	53 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The main principle of the suitable animal models choosing in the experimental studies								
Course Content	The main principle of the suitable animal models choosing in the experimental studies								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

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	Cooper, J.E., Cooper, M.E. (2007) Introduction to Veterinary and Comparative Forensic Medicine,

Week	Weekly Detailed Course Contents	
1	Theoretical	Needed principles for suitable animal models choosing in the experimental studies
	Preparation Work	Book
2	Theoretical	Features of experimental studies
	Preparation Work	Book
3	Theoretical	Features of laboratories will be used for experimental studies
	Preparation Work	Book
4	Theoretical	Methods will be used for experimental studies
	Preparation Work	Book
5	Theoretical	Genetic features of animals will be used for experimental studies
	Preparation Work	Book
6	Theoretical	Factors effecting experimental model will be used in experimental studies
	Preparation Work	Book
7	Theoretical	Features of chemicals or other materials will be used in experimental studies
	Preparation Work	Book
8	Preparation Work	Book
	Intermediate Exam	Mid term
9	Theoretical	Euthanasia methods applied in experimental studies
	Preparation Work	Book
10	Theoretical	Determination of available necropsy methods for animal models in experimental studies
	Preparation Work	Book
11	Theoretical	Infection and noninfection diseases models
	Preparation Work	Book
12	Theoretical	Invitro experimental studies
	Preparation Work	Book
13	Theoretical	Needed control and defence methods in experimental studies
	Preparation Work	Book
14	Theoretical	Demonstration
	Preparation Work	Book

15	Theoretical	Final exam
	Preparation Work	Book

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	7	2	9
Final Examination	1	14	2	16
			Total Workload (Hours)	53
			[Total Workload (Hours) / 25*] = **ECTS**	2

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	To be knowledgeable about the determine of animal model in experimental studies
2	To be knowledgeable about the animal care and nutrition in experimental studies
3	To be knowledgeable about the drug applications in experimental studies
4	To be knowledgeable about the euthanasia methods of animals
5	To be knowledgeable about in vitro disease models

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