AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Dissection of Experimental Animal Models								
Course Code	VAN635		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	6	Workload	150 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	Purpose of this course is a detailed examination and learning on the anatomical knowledge required for the experimental methods used in experimental studies in laboratory animals								
Course Content	Purpose of this course is a detailed examination and learning on the anatomical knowledge required for the experimental methods used in experimental studies in laboratory animals								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Prof. Erkut TURAN								

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

Recommended or Required Reading	
1	ÖCAL, M.K., ERDEN, H., ÖĞÜT, İ., KARA, M.E “Anatomy of the Domestic Animals (General-Skin-Forelimb)." Adnan Menderes University Press No: 5 (1998)
2	ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E “Anatomy of the Domestic Animals (Trunk)." Adnan Menderes University Press No: 11 (1999)
3	DURSUN, N “Veterinary Anatomy I” Medisan Press

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction of laboratory animals
	Practice	Visit of the experimental animals unit
2	Theoretical	Rat anatomy
	Practice	Dissection
3	Theoretical	Rat anatomy
	Practice	Dissection
4	Theoretical	General experimental surgical approaches in rats
	Practice	Dissection
5	Theoretical	Mouse anatomy
	Practice	Dissection
6	Theoretical	Gerbil and Hamster Anatomy
	Practice	Dissection
7	Theoretical	General experimental surgical approaches in mice, gerbils and hamsters
	Practice	Dissection
8	Intermediate Exam	midterm
9	Theoretical	Rabbit anatomy
	Practice	Dissection
10	Theoretical	Rabbit anatomy
	Practice	Dissection
11	Theoretical	General experimental surgical approaches in rabbit

11	Practice	Dissection
12	Theoretical	Guinea pig and chinchilla anatomy
	Practice	Dissection
13	Theoretical	Anatomy of the ferret
	Practice	Dissection
14	Theoretical	General experimental surgical approaches in guinea pigs, chinchillas and poppy
	Practice	Dissection
15	Theoretical	Homework discussion
	Practice	Dissection
16	Final Exam	final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	4	0	14	56
Reading	1	7	0	7
Midterm Examination	1	19	1	20
Final Examination	1	24	1	25
			Total Workload (Hours)	150
			[Total Workload (Hours) / 25*] = **ECTS**	6

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	Identify the different laboratory animals
2	Describe the basic anatomical and physiological differences
3	Learn the experimental and surgical techniques
4	know how to use the experimental animals unit
5	know the working principle of experimental animals unit.

Programme Outcomes *(Anatomy (Veterinary Medicine) Doctorate)*

1	Doing research in any specific issues related to anatomy, planning a study, evaluating and presenting a report on the scientific area, independently.
2	To be able to improve themselves by innovations of the Anatomy
3	Sharing their concepts in seminar, symposium, conference etc. by using the skills of self study.
4	Having the scientific and vocational wafer and defending this apprehension in every medium
5	To be able to interpret what they have learned in the field of veterinary anatomy

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	5	4	5	4	5
P2	5	4	4	5	5
P3	5	4	5	4	5
P4	5	4	4	5	5