AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Circulatory System and Endocrin Glands								
Course Code	VAN605		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	8	Workload	198 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	The teaching of circulatory system and endocrin organs. The courses of vessels. The comparative investigation of them in domestic mammals.								
Course Content	General investigation of circulatory and endocrine systems. The comparative investigation of them in domestic mammals.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Individual Study								
Name of Lecturer(s)									

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 “Evcil memeli hayvanlarda Anatomi (Genel-Deri-Ön Bacak)." Adnan Menderes Üniversitesi Yayınları No: 5 (1998)
2	ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E “Evcil memeli hayvanlarda Anatomi (Gövde).” Adnan Menderes Üniversitesi Yayınları No: 11 (1999)
3	DURSUN, N “Veteriner Anatomi I” Medisan Yayınevi (1996)
4	DURSUN, N “Veteriner Anatomi II” Medisan Yayınevi (1996)
5	DURSUN, N “Veteriner Anatomi III” Medisan Yayınevi (2005)
6	DURSUN, N “Evcil Kuşların Anatomisi” Medisan Yayınevi (2002)
7	BAHADIR, A., YILDIZ, H “Veteriner Anatomi I (Hareket Sistemi)” Ezgi Kitabevi (2004)
8	BAHADIR, A., YILDIZ, H “Veteriner Anatomi II (İç Organlar)” Ezgi Kitabevi (2005)
9	DYCE, KM., SACK, WO., WENSING, CJG “ Textbook of Veterinary Anatomy” W.B. Saunders Company (1987)
10	NICKEL, R., SHUMMER, A., SEIFERLE, E “The Anatomy of the Domestic Animals Volume I –IV)” Verlag Paul Parey (1986)
11	BUDRAS, KD., WUNSCHE, A “Veteriner Anatomi Atlası (Sığır)” Medipres (2009)
12	BUDRAS, KD., FRICKE, W., RICHTER, R “Veteriner Anatomi Atlası (Köpek)” Medipres (2009)
13	BUDRAS, KD., RÖCK, S “Veteriner Anatomi Atlası (At)” , Çeviri, Medipres (2009)
14	POPESKO P, “Evcil Hayvanların Topografik Anatomi Atlası” Çeviri, Nobel Tıp Kitapevi (2010)

Week	Weekly Detailed Course Contents	
1	Theoretical	General knowledge of circulatory system
	Practice	Cadavers and plastinated materials
2	Theoretical	Organs of circulatory system and their locations
	Practice	Cadavers and plastinated materials
3	Theoretical	Macroscopic and subgros properties of circulatory system organs
	Practice	Cadavers and plastinated materials
4	Theoretical	Macroscopic and subgros properties of circulatory system organs
5	Theoretical	Vessels
	Practice	Cadavers and plastinated materials
6	Theoretical	Arteries and their differences in domestic animals
	Practice	Cadavers and plastinated materials
7	Theoretical	Conclusion of homework-1
8	Intermediate Exam	midterm exam
9	Theoretical	Arteries and their differences in domestic animals
	Practice	Cadavers and plastinated materials
10	Theoretical	Veins and their differences in domestic animals

10	Practice	Cadavers and plastinated materials
11	Theoretical	Lympathic system and differences in domestic animals
	Practice	Cadavers and plastinated materials
12	Theoretical	Lympathic system and differences in domestic animals
	Practice	Cadavers and plastinated materials
13	Theoretical	Endocrine system and comperative anatomy in domestic animals
	Practice	Cadavers and plastinated materials
14	Theoretical	Endocrine system and comperative anatomy in domestic animals
	Practice	Cadavers and plastinated materials
15	Theoretical	Conclusion of homework-1
16	Final Exam	final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	16	1	1	32
Lecture - Practice	16	1	2	48
Assignment	2	20	2	44
Individual Work	12	1	2	36
Midterm Examination	1	15	1	16
Final Examination	1	20	2	22
			Total Workload (Hours)	198
			[Total Workload (Hours) / 25*] = **ECTS**	8

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	dominate the circulatory system in domestic mammals
2	domination of the endocrine system in domestic mammals
3	learning vascularity differences in domestic mammals
4	learning endocrine neighbors in domestic mammals
5	learn the differences of endocrine gland in domestic mammals

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