AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Autonom Nerve System							
Course Code		VAN621		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	126 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		The teaching of sympathic and parasympathic system and the comparative investigation of them in domestic mammals.							
Course Content		Sympathic and parasympathic nerves, their courses, paraganglions, functions of these systems. The comparative investigation of them in domestic mammals.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), 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) ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E “Evcil memeli hayvanlarda Anatomi (Gövde).” Adnan Menderes Üniversitesi Yayınları No: 11 (1999) DURSUN, N “Veteriner Anatomi I” Medisan Yayınevi (1996) DURSUN, N “Veteriner Anatomi II” Medisan Yayınevi (1996) DURSUN, N “Veteriner Anatomi III” Medisan Yayınevi (2005) DURSUN, N “Evcil Kuşların Anatomisi” Medisan Yayınevi (2002) BAHADIR, A., YILDIZ, H “Veteriner Anatomi I (Hareket Sistemi)” Ezgi Kitabevi (2004) BAHADIR, A., YILDIZ, H “Veteriner Anatomi II (İç Organlar)” Ezgi Kitabevi (2005) DYCE, KM., SACK, WO., WENSING, CJG “ Textbook of Veterinary Anatomy” W.B. Saunders Company (1987) NICKEL, R., SHUMMER, A., SEIFERLE, E “The Anatomy of the Domestic Animals Volume I –IV)” Verlag Paul Parey (1986) BUDRAS, KD., WUNSCHE, A “Veteriner Anatomi Atlası (Sığır)” Medipres (2009) BUDRAS, KD., FRICKE, W., RICHTER, R “Veteriner Anatomi Atlası (Köpek)” Medipres (2009) BUDRAS, KD., RÖCK, S “Veteriner Anatomi Atlası (At)” , Çeviri, Medipres (2009) POPESKO P, “Evcil Hayvanların Topografik Anatomi Atlası” Çeviri, Nobel Tıp Kitapevi (2010)

Week	Weekly Detailed Course Contents	
1	Theoretical	The general knowledge of autonom nerve system
	Practice	Cadaver dissection and presentations
2	Theoretical	Sympathic system
	Practice	Cadaver dissection and presentations
3	Theoretical	Sympathic system (head)
	Practice	Cadaver dissection and presentations
4	Theoretical	Sympathic system (neck)
	Practice	Cadaver dissection and presentations
5	Theoretical	Sympathic system (thorax)
	Practice	Cadaver dissection and presentations
6	Theoretical	Sympathic system (abdomen-pelvis)
	Practice	Cadaver dissection and presentations
7	Theoretical	Homework
	Practice	Cadaver dissection and presentations
8	Intermediate Exam	midterm exam
9	Theoretical	Parasympathic system
	Practice	Cadaver dissection and presentations
10	Theoretical	Parasympathic system (cranial nerves)
	Practice	Cadaver dissection and presentations
11	Theoretical	Parasympathic system (cranial nerves)
	Practice	Cadaver dissection and presentations
12	Theoretical	Parasympathic system (sacral nerves)
	Practice	Cadaver dissection and presentations

13	Theoretical	Localization and function of the autonom system plexus
	Practice	Cadaver dissection and presentations
14	Theoretical	Localization and function of the autonom system plexus
	Practice	Cadaver dissection and presentations
15	Theoretical	Homework
	Practice	Cadaver dissection and presentations
16	Final Exam	final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	1	42
Lecture - Practice	26	2	1	78
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
			Total Workload (Hours)	126
			[Total Workload (Hours) / 25*] = **ECTS**	5

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	have knowledge about autonomic nervous system
2	to have information about sympathetic nervous system
3	have knowledge about parasympathetic nervous system
4	have knowledge about autonomic nervous system plexuses
5	to control all parts of the autonomic nervous system

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