AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Radiological Anatomy						
Course Code	VAN536		Couse Level	Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	1	Practice	2	Laboratory	0

Objectives of the Course	
	The aim of this study is to examine the normal anatomical structures in the images obtained by imaging methods such as X-ray, ultrasonography, computed tomography and magnetic resonance.
Course Content	X-ray, ultrasonography, computed tomography, magnetic resonance images obtained from healthy domestic mammals.
Work Placement	N/A
Planned Learning Activities and Teaching Methods	Explanation (Presentation)
Name of Lecturer(s)	Lec. İsmail Gökçe YILDIRIM

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	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 (1996) 4. DURSUN, N "Veterinary Anatomy II" Medisan Press (1996) 5. DURSUN, N "Veterinary Anatomy III" Medisan Press (2005) 6. DURSUN, N "Anatomy of the Domestic Birds" Medisan Press (2002) 7. BAHADIR, A., YILDIZ, H "Veterinary Anatomy I (Locomotion System)" Ezgi Press (2004) 8. BAHADIR, A., YILDIZ, H "Veterinary Anatomi II (Organs)" Ezgi Press (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 "Atlas of Veterinary Anatomy (Cattle)" Medipres (2009) 12. BUDRAS, KD., FRICKE, W., RICHTER, R "Atlas of Veterinary Anatomy (Dog)" Medipres (2009) 13. BUDRAS, KD., RÖCK, S "Atlas of Veterinary Anatomy (Horse)",Translation, Medipres (2009) 14. POPESKO P, "Topographic Anatomy Atlas of the Domestic Animals" Translation, Nobel Tıp Press (2010)

Week	Weekly Detailed Course Contents	
1	Theoretical	X-ray, computed tomography, magnetic resonance images of the head
	Practice	examination of images
2	Theoretical	X-ray, computed tomography, magnetic resonance images of the head
	Practice	examination of the head region images
3	Theoretical	X-ray, computed tomography, magnetic resonance images of the neck structures
	Practice	examination of neck region images
4	Theoretical	The organs of the thoracic cavity x-ray, computed tomography, magnetic resonance images
	Practice	The organs of the thoracic cavity image
5	Theoretical	The organs of the thoracic cavity x-ray, computed tomography, magnetic resonance images
	Practice	The organs of the thoracic cavity image
6	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of abdominal cavity organs
	Practice	abdominal cavity images
7	Theoretical	Homework discussion
	Practice	Midterm Exam
8	Intermediate Exam	midterm exam

9	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of abdominal cavity organs
	Practice	abdominal cavity images
10	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of pelvic cavity organs
	Practice	pelvis cavity images
11	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of pelvic cavity organs
	Practice	pelvis cavity images
12	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of extremities
	Practice	limb images
13	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of extremities
	Practice	limb images
14	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of extremities
	Practice	limb images
15	Theoretical	Homework discussion
	Practice	Homework discussion
16	Practice	Final Exam
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	1	0	14	14
Lecture - Practice	2	0	14	28
Midterm Examination	1	2	1	3
Final Examination	1	4	1	5
			Total Workload (Hours)	50
		[Total Workload (Hours) / 25*] = **ECTS**		2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	have information on the images of the head region
2	to have information on chest cavity images
3	to have information in the neck region images
4	have knowledge of pelvic cavity images
5	to have information on extremity images

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

1	Having the anatomical knowledge of all compendium animals especially, knowing the structures and physiological mechanizms
2	knowing to stages of a scientific research.
3	To be able to improve themselves by innovations of the Anatomy
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	4
P2	4	5	5	4	4
P3	5	5	5	4	4
P4	4	5	5	4	4