

CIRCULATORY DISORDERS

1	Course Title:	CIRCULATORY DISORDERS
2	Course Code:	VPT 5014
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. İ.TACİ CANGÜL
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	e-posta: itcangul@uludag.edu.tr Tel: 29 41304 U.Ü.Veteriner Fakültesi Patoloji Anabilim Dalı
17	Website:	
18	Objective of the Course:	The objective of the course is to refresh student's knowledge about the circulatory system and to teach the mechanisms, macroscopical and microscopical appearances and the differential diagnoses of circulatory system disturbances.
19	Contribution of the Course to Professional Development:	Student learns the basics of circulatory disorders.
20	Learning Outcomes:	
	1	The student refreshes his/her knowledge about the circulatory system.
	2	The student learns the mechanisms of the pathological changes in the circulatory system.
	3	The student can recognize the macroscopical and microscopical appearances of circulatory disturbances.
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Hyperemia and congestion	Examination of related macroscopic and microscopic pictures and slides.
2	Anemia	Examination of related macroscopic and microscopic pictures and slides.

3	Hemorrhage	Examination of related macroscopic and microscopic pictures and slides.
4	Shock (Collapse)	Examination of related macroscopic and microscopic pictures and slides.
5	Thrombosis- Overview of blood coagulation	Examination of related macroscopic and microscopic pictures and slides.
6	Pathogenesis of thrombosis	Examination of related macroscopic and microscopic pictures and slides.
7	Embolus and embolism	Examination of related macroscopic and microscopic pictures and slides.
8	Hypoxia and anoxia	Examination of related macroscopic and microscopic pictures and slides.
9	Infarction	Examination of related macroscopic and microscopic pictures and slides.
10	Edema	Examination of related macroscopic and microscopic pictures and slides.
11	Dehydration	Examination of related macroscopic and microscopic pictures and slides.
12	Hemorrhagic diatheses	Examination of related macroscopic and microscopic pictures and slides.
13	Systemic responses in heart failure, syndromes of circulatory failure	Examination of related macroscopic and microscopic pictures and slides.
14	Some diseases characterized by disturbances of blood flow and circulation	Examination of related macroscopic and microscopic pictures and slides.
22	Textbooks, References and/or Other	Valli, VEO. Hematopoietic System, In Jubb, Kennedy and
Activites		Number
		Duration (hour)
		Total Work Load (hour)
Theoretical	Kennedy and Palmer's Pathology of Domestic Animals, Vol.3 (Ed. Maxie MG) 5th edition. Elsevier, 2007	1.00
Practicals/Labs		14
Self study and preperation	Erfi, H, Kiran MM, Çiftçiyik, Veteriner Genel Patoloji, Bahçivanlar Basım. Konya, 2000	4.50
Homeworks		1
Projects	Slauson DO, Cooper BJ. Mechanisms of Disease. Mosby, USA. 2002	0.00
Field Studies		0
Midterm Exams		0
Others		2
Final Exams		1
Midterm Exam	0	0.00
Total Work Load		150.00
Total work load/ 30 hr	0	0.00
Home work-project		
ECTS Credit of the Course		5.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to Success Grade	0.00	
Contribution of Final Exam to Success Grade	100.00	
Total	100.00	
Measurement and Evaluation Techniques Used in the Course	Students will be evaluated via written exam.	
24	ECTS / WORK LOAD TABLE	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	3	3	3	3	2	4	3	3	3	3	3	0	0	0	0
ÖK2	3	3	3	3	3	2	4	3	3	3	3	3	0	0	0	0
ÖK3	3	3	3	3	3	2	4	3	3	3	3	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			