



NEAR EAST UNIVERSITY
Faculty of Veterinary Medicine Course Teaching Plan

1.	Name of the Course	PHYSIOLOGY II
2.	Course Code	VTE204
3.	Course Type	Compulsory
4.	Course Level	Undergraduate
5.	Year	2
6.	Semester/Term	Spring, 4VET
7.	ECTS credits	4
8.	National Credits	3
9.	Theory (hours/week)	2
10.	Practice (hours/week)	2
11.	Prerequisites	None
12.	Other Recommended Considerations for the Course	None
13.	Course Language	English
14.	Teaching type	Face to face
15.	Course Coordinator	Prof.Dr. Vedat SAĞMANLIGİL
16.	Other Lecturers	None
17.	Coordinator's Contact Information	e-mail:vedat.sagmanligil@neu.edu.tr Telefon (Mobil): 533-8446502 (Dahili): 392-2236464 (3144)
18.	Website of the course	https://uzem.neu.edu.tr/course/view.php?id=12512
19.	Objectives of the Course	The aim of this course is to explain the basic concepts of physiology, to give general information about the functions and functioning of cells, tissues, organs and systems in domestic animals and avian, comparatively with human physiology.
20.	Contribution of the Course to Professional Development	In Veterinary Medicine education, whose main subject is animals and their breeding and treatment of diseases, it will make an important contribution to the vocational education of students, especially in terms of diagnosis and treatment of diseases, by informing students about the normal functioning of tissues, organs and systems of animals.

21.	Students' Learning Outcomes	LO1	The student's ability to follow the lesson and comprehend the purpose of the lesson.
		LO2	The student's ability to understand and compare the developments in this subject while watching the current issues related to the content of the course.
		LO3	The student learns the technique of conducting research in the fields of interest from the subjects related to the content of the course and preparing and making presentations on this subject.
		LO4	The student's interest in sciences (such as statistics) that are also close to the subjects of the course.
		LO5	The student also identifies different sources, reads and confirms the information about the content of the course from different sources and reinforces the subject
		LO6	The student's adaptation to different measurement and evaluation methods to determine the success of the course.

22.	Course Content	WEEK	THEORETICAL COURSE CONTENT	PRACTICAL COURSE CONTENT
		1.	Cardiovascular system	Cardiovascular system with Computer Simulation technique
		2.	Cardiovascular system	Student presentations
		3.	Digestive system	Digestive system with Computer Simulation technique
		4.	Digestive system	Digestive system with Computer Simulation technique
		5.	Digestive system	Digestive system with Computer Simulation technique
		6.	Digestive system	Digestive system with Computer Simulation technique
		7.	Digestive system	Student presentations
		8.	Endocrinology	Endocrinology with Computer Simulation technique
		9.	Endocrinology	Student presentations
		10.	Male reproductive system	Male reproductive system with Computer Simulation technique
		11.	Female reproductive system	Female reproductive system with Computer Simulation technique
		12.	Thermoregulation	Video presentation about Thermoregulation
		13.	Thermoregulation	Student presentations
		14.	Muscle Physiology	Muscle physiology with Computer Simulation technique

23.	Textbooks, References and/or Other Sources	<ol style="list-style-type: none"> 1. Reece, W.O.: Functional Anatomy and Physiology of Domestic animals. 4th edition. Willey-Blackwell. 2. Yılmaz, B (2000) Fizyoloji. İkinci Baskı, Feryal Matbaacılık-Ankara. 3. Malvin J. Swenson and William O. Reece (2004): Duke's Physiology of Domestic Animals, 12th Edition. Comstock Publishing Associates, İthaca, New York. 4. Dukes Physiology of Domestic Animals, Editors: William O. Reece, Howard H Erickson, Jesse P. Goff, Etsuro E. Uemura (13th edition), Willey-Blackwell. 5. Guyton AC, Hall JE.: Textbook of Medical Physiology. 8th edition. WB Saunders. 6. Engelhardt WV, Breves G, Diener M, Gabel G (2019): Veteriner Fizyoloji. Çeviri Editörü Prof Dr Hakan ÖZTÜRK, 5. Baskı, Nobel Tıp Kitapevleri Ltd Şti, Ankara.
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24.	Evaluation	SEMESTER STUDIES	NUMBER	PERCENTAGE OF CONTRIBUTION
		Midterm exam	1	20
		Quiz	1	10
		Assignments, Performances	1	10
		Final exam	1	60
		Total		100
		Evaluation Approaches	Mid-term and Final exams are held in the form of tests. In addition, the short questions to be asked to the students during the lecture and the quiz grades to be given to the assignments and presentations will be the evaluation approaches that will be used to measure their success.	

25.	ECTS / Student's workload	Activity	NUMBER	Time [hours]	Total workload [hours]
		Class hours (theoretical)	14	2	28
		Practical hours	14	2	28
		Out of Class Study Time (Pre-study, reinforcement)	14	2	28
		Assignments, Performances	1	8	8
		Projects	-	-	-
		Field studies	-	-	-
		Midterm exams	1	12	12
		Other	-	-	-
		Final exams	1	16	16
		Total workload			120
		Total workload / 30 hours			120/30
		ECTS credits of the lecture			4