MUSCLE PHYSIOLOGY.											
1	Course Title: MUSCLE PHYSIOLOGY.										
2	Course Code:	VFZ 601	5								
3	Type of Course:	Optional									
4	Level of Course:	Third Cy	cle								
5	Year of Study:	1									
6	Semester:	1									
7	ECTS Credits Allocated:	2.00									
8	Theoretical (hour/week):	1.00	.00								
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	none									
12	Language:	Turkish									
13	Mode of Delivery:	Face to f	ace								
14	Course Coordinator:	Prof. Dr.	NURTEN GALİP								
15	Course Lecturers:										
16	Contact information of the Course Coordinator:	nurteng@uludag.edu.tr +90 224 294 12 73 Uludağ Üniv. Veteriner Fak. Fizyoloji Anabilim Dalı Bursa Turkey 16059									
17	Website:										
18	Objective of the Course: The aim of the course is to describe and interpret the mucsle physiological conditions										
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
	•	1	To be able to describe the muscle cells								
		2	To be able to compare the muscle cells								
		3	To be able to describe the muscle proteins								
		4	To be able to explain the mechanism of muscle								
		5	To be able to explain the muscle contraction								
		6	To be able to explain the types of muscle contraction								
		7	To be able to explain the summasyon and fatigue of muscle								
		8	To be able to explain rigor mortis								
		9									
	-	10									
21	1 Course Content:										
	Course Content:										
Week	Theoretical		Practice								
1	The muscle cells										
2	The skeletal muscle The hearth muscle										

3	The sm The inte	ooth m ernal o	iuscle rgans s	smoot	h muso	cles													
4	Multi ur	it smo	oth mu	iscle															
5	Vascular smooth muscle																		
6	The cor	ntractio	n of m	uscle															
7	The iso	metric	contra	ction															
8	The iso	tonic c	ontract	tion															
9	The nev Muscula	ver or e ar refra	ever sta ctory p	atutes period	in mu	scle		Τ											
10	Summa Fatigue	syon iı in ske	n muso letal m	cle iuscle															
11	The mu	scle pr	oteins																
12	Lifting s	ystem	s of sk	eletal	muscle	9													
13	The me	tabolis	m of m	nuscle															
14	The rigi	dity of	muscle	Э															
22	Textbooks, References and/or Other Materials:									 YAMAN, K. Fizyoloji. Uludağ Üniversitesi Güçlendirme Vakfı Yayınevi, Bursa, 1999. YILMAZ, B. :Fizyoloji, 2000. NOYAN, A. Yaşamda ve Hekimlikte Fizyoloji, Meteksan Ankara, 2005. 									
Activites									Numb	er		Dura	Duration (hour)			Total Work Load (hour)			
Theoretical 0									8			1.00			14.00				
Practica	Practicals/Labs											0.00	0.00			0.00			
Self-sty	dyrand Work-pro	repera	ation			2		25	. 00			1.00			14.00				
Homew	omeworks											1.00	1.00						
Projects	rojects 3											0.00			0.00				
Field St	Field Studies									0			0.00			0.00			
Shickeen	Midtærns Extande									0			0.00			0.00			
Others	thers									2			10.00			20.00			
Final E	nal Exams 1											10.00		10.00					
Total W	otal Work Load														00.00				
Upitatiserork load/ 30 hr									2.00										
ECISC	ECTS Credit of the Course														2.00				
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																		
	PQ	1 PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	5	5	4	4	5	5	5	5	5	5	4	4	0	0	0	0			
ÖK2	4	4	4	4	4	4	5	5	4	4	4	4	0	0	0	0			
ÖK3	5	5	4	4	5	5	4	4	5	5	4	4	0	0	0	0			
ÖK4	5	5	4	4	5	5	5	5	5	5	4	4	0	0	0	0			

ÖK5	5	5	4	4	5	5	5	5	5	5	5	5	0	0	0	0
ÖK6	4	4	4	4	4	4	4	4	4	4	5	5	0	0	0	0
ÖK7	5	5	4	4	4	5	4	4	5	5	5	5	0	0	0	0
ÖK8	4	4	4	4	4	4	4	4	4	4	5	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			2 low			3 Medium			4 High			5 Very High				