L			L PRINCIPLES IN THE USE OF								
1	Course Title:	LEGISLATION AND ETHICAL PRINCIPLES IN THE USE OF EXPERIMENTAL ANIMALS									
2	Course Code:	TTE5016	TTE5016								
3	Type of Course:	Optional	Optional								
4	Level of Course:	Second	Second Cycle								
5	Year of Study:	1	1								
6	Semester:	2	2								
7	ECTS Credits Allocated:	3.00	3.00								
8	Theoretical (hour/week):	2.00									
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	-									
12	Language:	Turkish									
13	Mode of Delivery:	Face to t	face								
14	Course Coordinator:	Prof. Dr.	TÜREL ÖZKUL								
15	Course Lecturers:	Prof. Dr.	Prof. Dr. Türel Özkul								
16	Contact information of the Course Coordinator:	turelozkul@uludag.edu.tr, turelozkul@gmail.com 29 41 371									
17	Website:										
18	Objective of the Course:	Evaluating the responsibilities of researchers by giving enough information on ethical, legal issues and justification of animal use in experiments									
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1	Learns the history of animal use in scientific research								
		2	Understand the justification of animal use in experiments								
		3	To evaluate the contributions to the Science of animal use in experiments								
		4	Understand the responsibilities of researchers on the use of animals in experiments								
		5	Learns the ethical principles of experimental animal use								
		6	Learns the legislation on experimental animal use								
		7									
		8									
		9									
		10									
21	Course Content:										
		Co	ourse Content:								
Week	k Theoretical Practice										

1	Science, Research, Research Phase Method, Test: Definitions	 S,								
2	Justification of Using Animals in Expe	riments								
3	History of Use of Animals in Experime	ents								
4	Ethics: Concepts									
5	Codes of Ethics for the Use of Anima Experiments	ls in								
6	Codes of Ethics for the Use of Anima Experiments	ls in								
7	3R principle: Replacement									
8	3R principle: Reduction, Refinement									
9	Ethics Committees									
10	Legislation: Concepts									
11	International Legislation on the Use of Animals in Experiments	f								
Activit	es		Nur	nber	Duration (hour)	Total Work Load (hour)				
Theore	Experimental Animals		14		2.00	28.00				
Practica	als/Labs		0		0.00	0.00				
Self stu	dy and preperation									
Homew	vorks		2							
Project	Materials:		ve Bilir	<del> ⊃., ∩anya, ⊑., ⊃</del> m Tarihi. Ankara ∖	<del>Jagagaş Garтын (2</del> Üniversitesi Basıme	vi				
Field St										
Midtern	n exams		 W@lfar	re. 2nd Edition. G	reenwood Press.	lio uria / iriiriar				
Others										
Final E	kams		4 Fuat	A. Göksel (1991)	Lisansüstü Ders N	otları				
Total W	/ork Load									
Total w	ork load/ 30 hr		6 Rolli	n, BE (2007) Scie	ence and Ethics. Ca	mbridge				
ECTS (	Credit of the Course					3.00				
			Experimental Technique. Erişim: http://altweb.jhsph.edu/pubs/books/humane_exp/het-toc 8. Özkul T. (2016) Hayvan Deneyleri Etiği, Ulusal ve Uluslararası Mevzuat. Uludağ Üniversitesi Hayvan Deneyleri Yerel Etik Kurul Sertifika Kurs Notları, Kütahya. 9. Özkul T. (2012) Deney Hayvanlarının Kullanımında Genel Mevzuat, Düzenleme ve Kurallar. Küçük Deney Hayvanlarından Rat (Ed. Orhan Yücel) Journal of Clinical and Analytical Medicine Kitap Serisi. ISBN: 978-605-87501 -2-8, sy. 1-4, Ankara.							
23	Assesment									
TEDMI	EARNING ACTIVITIES	NUMBE	WEIGH	IT						
I EKWI L		R								

Quiz		1	20.00					
Home w	vork-project	2	20.00					
Final Ex	kam	1	60.00					
Total		4	100.00					
	Contribution of Term (Year) Learning Activities to Success Grade		40.00					
Contribu	Contribution of Final Exam to Success Grade		60.00					
Total			100.00					
Measur Course	ement and Evaluation Techniques Us	sed in the						
24	ECTS / WORK LOAD TABLE							

				<u> </u>												
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			LO: L	earr	ning (	Objec	tive	s F	Q: P	rogra	m Qu	alifica	tions	<u>.                                    </u>		
Contrib ution Level:	ution				2 low		3 Medium			4 High			5 Very High			