



NEAR EAST UNIVERSITY
Faculty of Veterinary Medicine Course Curriculum

1.	Course Name	LARGE ANIMAL OBSTETRICS AND GYNAECOLOGY I
2.	Course Code	VTE403
3.	Course Type	Compulsory
4.	Course Level	Undergraduate
5.	Year	4
6.	Semester	Fall, 7VET
7.	ECTS Credits	2
8.	National credits	2
9.	Theoretical Course Hours (hours/week)	2h/week
10.	Applied Course Hours (hours/week)	-
11.	Course Prerequisites	None
12.	Other Topics Recommended for the Course	None
13.	Course Language	English
14.	Course Format	Face to Face
15.	Course Coordinator	Prof. Dr. Kamil SEYREK İNTAŞ
16.	Other Lecturers that Give the Course	Prof. Dr. Selim ASLAN Prof. Dr. Kamil SEYREK İNTAŞ Assoc. Prof. Dr. İsfendiyar DARBAZ Assoc. Prof. Dr. Osman ERGENE
17.	Communication Details of the Coordinator	kamil.seyrekins@neu.edu.tr
18.	Course Web Address	

19.	Course Aim	To introduce the methods and instruments to be used in on-site practices of obstetrics and gynaecology, to ensure that the veterinary practitioner has the necessary knowledge of obstetrics, and to create the anatomical, physiological, and clinical infrastructure for the courses such as obstetrics, gynaecology, reproduction, breast diseases, and biotechnology that the student will take later.	
20.	Contribution of the Course to Occupational Development	Obstetrics and Gynaecological Approach to Patients	
21.	Course Learning Outcomes	LO1	Detailed information about female reproductive organs
		LO2	Hormones and sexual cycles
		LO3	Gestation and maintenance of pregnancy
		LO4	Pregnancy diagnosis methods
		LO5	Infertility and treatment options
		LO6	Sexual cycle management

22.	Course Content	WEEK	THEORETICAL COURSE CONTENT	PRACTICAL COURSE CONTENT
		1.	Structure, developmental stages and anatomy of the reproductive organs in large animals.	
		2.	Physiology of reproductive organs in large animals	
		3.	Oestrous (reproductive) cycle periods in large animals and the determination of the different periods of the oestrous cycle with applications to determine the cycle	
		4.	Hormones applied in ruminants and the mechanism of action of these hormones	
		5.	Cycle-dependent synchronization practices in ruminants	
		6.	Hormone applications for cycle control in mares	
		7.	Midterm Exam	
		8.	Ovarian diseases in large animals	
		9.	Acyclic induced by various causes in ruminants	
		10.	Oestrus monitoring and quiescent oestrus in ruminants	

		11.	Stages of birth and pregnancy in ruminants	
		12.	Pregnancy hormonal mechanism in ruminants	
		13.	Puerperal period and involution of genital organs in ruminants	
		14.	Endometritis in ruminants and treatment options	
23.	Course Book, References and/or Other Resources	<ol style="list-style-type: none"> 1. Blanchard T.L., Varner D.D., Schumacher J., Love C.C., Brinsko S.P., Rigby S.L. (2003): Manual of Equine Reproduction. Mosby, St.Louis. 2. Ball P.J.H., Peters A.R. (2004): Reproduction in Cattle. Blackwell Publishing, Oxford. 3. Bearden H.J., Fuquay J.W., Willard S.T. (2004): Applied Animal Reproduction. Pearson Prentice Hall, New Jersey. 4. Ley W.B. (2004): Broodmare Reproduction for the Equine Practitioner. Teton NewMedia, Wyoming. 5. Feldman E. C., Nelson R. W. (2004): Canine and Feline Endocrinology and Reproduction 2. 6. Arthur's Veterinary Reproduction and Obstetrics, Noakes, DE, Parkinson TJ, England GCW, WB Saunders Comp., London, 2001. 7. McDonald's Veterinary endocrinology and reproduction, Pineda, M.H.(Edt), A Blackwell Publishing Company, 2003. 8. Okumura, H., Okhura, S., 2007. Neuroendocrine control of reproductive function in ruminants, Animal Science Journal, 78 – 105 – 111. 9. Çiftlik Hayvanlarda Doğum ve Jinekoloji, Türkiye, Medipres 10. Kısıraklarda Doğum ve Jinekoloji, Türkiye, Medipres 11. Köpek ve Kedilerde Doğum ve Jinekoloji, Türkiye, Medipres 12. Alaçam, E. Evcil Hayvanlarda Doğum ve İnfertilite, 2015, Medisan, Türkiye 		

24.	Evaluation	SEMESTER WORK	NUMBER	PERCENTAGE OF CONTRIBUTION
		Midterm Exam	1	40
		Short Exam		
		Homework, Performance		
		End of Year Exam	1	60
		Total		100
		Evaluation Approaches	Assessment and evaluation are carried out through tests, classical and oral exams.	

25.	ECTS / Workload Table	Activity	NUMBER	Duration [Hours]	Total Workload [Hours]
		Theoretical Courses	14	2	28
		Applied Courses			
		Extracurricular Lesson Study Time (Preparation, revising)	14	2	28
		Homework, Performance			
		Projects			
		Field Studies			
		Mid-term Exams	1	2	2
		Other			
		End Of Semester Exams	1	2	2
		Total Workload			60
		Total Workload / 30 hours			60/30
		Course ECTS Credits			2