AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Control of Reproduction in Domestic Animals								
Course Code	VST540		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To give information about control of reproduction in farm animals, suppression and postponing of oestrus, prevention of implantation								
Course Content	Control of reproduction, suppression of oestrus, postponing of oestrus, prevention of implantation, termination of pregnancy								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Individual Study								
Name of Lecturer(s)	Prof. İlker SERİN								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Alaçam E.: Evcil Hayvanlarda Reprodüksiyon, Suni Tohumlama, Doğum ve İnfertilite. First Edition,Konya,1994.
2	Hafez E.S E., Hafez B. (2000) Reproduction in Farm Animals. Lippincott Williams & Wilkins, Philadelphia
3	Pineda M. H., Dooley M. P. (2003) McDonald’s Veterinary Endocrinology and Reproduction, Iowa State Press, New York

Week	Weekly Detailed Course Contents	
1	Theoretical	Control of reproduction
	Practice	Practise in clinic and field
2	Theoretical	Suppression of oestrus
	Practice	Practise in clinic and field
3	Theoretical	Postponing of oestrus
	Practice	Practise in clinic and field
4	Theoretical	Prevention of implantation
	Practice	Practise in clinic and field
5	Theoretical	Termination of undesirable pregnancies
	Practice	Practise in clinic and field
6	Theoretical	Synchronisation of oestrus
	Practice	Practise in clinic and field
7	Theoretical	Planed artificial inseminations
	Practice	Practise in clinic and field
8	Intermediate Exam	Midterm exam
9	Theoretical	Control of reproduction in cows
	Practice	Practise in clinic and field
10	Theoretical	Control of reproduction in mares
	Practice	Practise in clinic and field
11	Theoretical	Control of reproduction in ewes
	Practice	Practise in clinic and field
12	Theoretical	Control of reproduction in goats
	Practice	Practise in clinic and field
13	Theoretical	Control of reproduction in dogs
	Practice	Practise in clinic
14	Theoretical	Control of reproduction in cats
	Practice	Practise in clinic
15	Theoretical	Control of libido in male animals

15	Practice	Practise in clinic and field
16	Final Exam	Final term exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Reading	14	0	2	28
Midterm Examination	1	17	1	18
Final Examination	1	25	1	26
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	to be able to interpret andrological examinations
2	to be able to examine techniques for andrological examination
3	to be able to report the evaluation of andrological examination results
4	Natural synchronization methods
5	Hormonal synchronization methods

Programme Outcomes *(Reproduction and Artificial Insemination (Veterinary Medicine) Master)*	
1	To get knowledge about Reproduction and Artificial Insemination with theoretical lessons and practise
2	To get knowledge about reproductive systems of animals, reproductive organs and functions of these organs
3	To get knowledge about reproductive physiology of male and female animals, reproductive endocrinology, synchronisations and reproductive health
4	To get experience about diagnosis of oestrus, proper insemination time and method
5	To get experience to join reproductive scientific research, to follow scientific advances own field. To transfer all these experiences and knowledge to students and society
6	To gain ability to reach scientific references, to plan an experiment, study this experiment, evaluation of experimental results and compare this result similar experimental result
7	To get experience about cryopreservation and short term storage of sperm, examination of sperm
8	To get knowledge about reproductive biotechnology (artificial insemination, in-vitro fertilisation, freezing of sperm and embryo, embryo transfer, laparoscopic insemination). To Contribute and advance to science
9	To get knowledge about infertility, diagnosis of infertility, treatment of infertility in domestic animals especially commercial farms

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3
P1	4	4	4
P3	4	4	4
P5	3	3	