



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Reproductive Behaviour in Animals							
Course Code		VST544		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To give information about sexual behaviours of animals in reproductive periods							
Course Content		Oestrus cycle, behaviours of animals in pro oestrus, oestrus and gestation period							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Bearden H.J., Fuquay J.W., Willard S.T. (2004) Applied Animal Reproduction. Pearson Prentice Hall, New Jersey
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	Oestrus cycle
	Practice	Practise in clinic and field
2	Theoretical	Behaviours of cows in oestrus
	Practice	Practise in clinic and field
3	Theoretical	Behaviours of mares in oestrus
	Practice	Practise in clinic and field
4	Theoretical	Behaviours of goats in oestrus
	Practice	Practise in clinic and field
5	Theoretical	Behaviours of ewes in oestrus
	Practice	Practise in clinic and field
6	Theoretical	Behaviours of bitches in oestrus
	Practice	Practise in clinic and field
7	Theoretical	Behaviours of cats in oestrus
	Practice	Practise in clinic and field
8	Practice	Practise in clinic and field
	Intermediate Exam	Midterm exam
9	Theoretical	Behaviours of cows in pro oestrus
	Practice	Practise in clinic and field
10	Theoretical	Behaviours of animals in luteal term
	Practice	Practise in clinic and field
11	Theoretical	Behaviours of pregnant animals
	Practice	Practise in clinic and field
12	Theoretical	Postpartum behaviours of animals
	Practice	Practise in clinic and field
13	Theoretical	Mating behaviours of male animals
	Practice	Practise in clinic and field
14	Theoretical	Abnormal behaviours of animals
	Practice	Practise in clinic and field
15	Theoretical	Abnormal mating behaviours



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
Lecture - Practice	14	0	2	28
Reading	14	0	1	14
Midterm Examination	1	11	1	12
Final Examination	1	17	1	18
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 define sexual behaviours in pro oestrus
2	to be able to comprehend oestrus behaviours
3	to be able to analyse luteal term behaviours of animals
4	To knowledge of mating behavior in farm animals.
5	To knowledge of mating behavior in pet animals.

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	5	5	5
P3	4	4	4
P4	5	5	3
P9	3	4	3

