AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Reproductive Herd Health in Farm Animals						
Course Code		VST541		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To give information about reproductive herd health, reproductive problems in farms, precaution against these problems, important points of herd health and management						
Course Content		Reproductive problems in herds, reasons of reproductive problems in farms, solutions for reproductive problems in farms						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Discussion						
Name of Lecturer(s)		Lec. Niyazi KÜÇÜK						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Hafez E.S E., Hafez B. (2000) Reproduction in Farm Animals. Lippincott Williams & Wilkins, Philadelphia
2	Alaçam E.: Evcil Hayvanlarda Reprodüksiyon, Suni Tohumlama, Doğum ve İnfertilite. First Edition,Konya,1994.
3	Ball P.J.H., Peters A.R. (2004) Reproduction in Cattle. Blackwell Publishing, Oxford
4	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	Definition and importance of reproductive herd health
2	Theoretical	Reproductive problems in commercial farms
3	Theoretical	Reasons of the reproductive problems in commercial farms
4	Theoretical	Solutions for the reproductive problems in commercial farms
5	Theoretical	Applications for increasing reproductive performance in commercial farms
6	Theoretical	Herd management
7	Theoretical	Herd health
8	Intermediate Exam	Midterm exam
9	Theoretical	Reproductive herd health in cows
10	Theoretical	Reproductive herd health in ewes
11	Theoretical	Reproductive herd health in goats
12	Theoretical	Preventions to maintain reproductive herd health
13	Theoretical	Infections which threaten reproductive herd health
14	Theoretical	Preventative medicine
15	Theoretical	Preventative medicine
16	Final Exam	Final term exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Reading	14	0	1	14
Midterm Examination	1	12	1	13
Final Examination	1	18	2	20
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	to be able to analyze reproductive herd health
2	to be able to define solutions for reproductive problems
3	to be able to comprehend herd management
4	The importance of nutrition in herd health
5	Herd health protection daily, monthly and annual measures to be taken

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
P5	3		
P9		4	4