AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Seminar II								
Course Code	VST802		Couse Level		Third Cycle (Doctorate Degree)				
ECTS Credit	2	Workload	50 *(Hours)*	Theory	0	Practice	2	Laboratory	0
Objectives of the Course	To give information about researching of articles to collect knowledge, synthesis and presentation of collected knowledge								
Course Content	Choose of subject, searching of references, synthesis of knowledge, presentation techniques, presentation								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Prof. Ahmet CEYLAN								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Seminar	1	100

Recommended or Required Reading	
1	Bearden H.J., Fuquay J.W., Willard S.T. (2004) Applied Animal Reproduction. Pearson Prentice Hall, New Jersey
2	Ball P.J.H., Peters A.R. (2004) Reproduction in Cattle. Blackwell Publishing, Oxford
3	Hafez E.S E., Hafez B. (2000) Reproduction in Farm Animals. Lippincott Williams & Wilkins, Philadelphia
4	Feldman E. C., Nelson R. W. (2004) Canine and Feline Endocrinology and Reproduction. Saunders, St. Louis
5	Pineda M. H., Dooley M. P. (2003) McDonald's Veterinary Endocrinology and Reproduction, Iowa State Press, New York

Week	**Weekly Detailed Course Contents**	
1	Practice	Actual subject choose
2	Practice	Determination of subject content
3	Practice	Searching of references related to subject and evaluation of this references
4	Practice	Searching of references related to subject and evaluation of this references
5	Practice	Searching of references related to subject and evaluation of this references
6	Practice	Searching of references related to subject and evaluation of this references
7	Practice	Searching of references related to subject and evaluation of this references
8	Practice	Classification of knowledge obtained variety of articles
9	Practice	Classification of knowledge obtained variety of articles
10	Practice	Synthesis of knowledge
11	Practice	Writing report about subject
12	Practice	Writing report about subject
13	Practice	Writing report about subject
15	Practice	Seminar presentation

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Practice	14	0	2	28
Seminar	1	21	1	22
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To get information about searching of articles related to proposed or chosen issue
2	Synthesis of knowledge obtained variety of references
3	Preparation of report and make a presentation in front of listeners

4	Learns about presentation techniques
5	Learns about to share his/her knowledge with listeners effectively

Programme Outcomes *(Reproduction and Artificial Insemination (Veterinary Medicine) Doctorate)*	
1	To get knowledge about reproduction and artificial insemination with theoretical lessons and practise, also to get knowledge about reproductive systems of animals, reproductive organs and functions of these organs
2	Hormonal mechanisms of oogenesis and spermatogenesis, movements of oocyte and sperm cells in the genital tracts, factors affecting spermatogenesis and oogenesis, blood-testis barrier, functions of epidydymidis, capacitation and acrosome reaction of sperm cells, fertilization (fusion, activation, penetration)
3	To get knowledge about reproductive anatomy of male and female animals, reproductive endocrinology, , embryonic development of gonads, prenatal development, development-regression and luteolysis of corpus luteum, histological, anatomical and physiological structure of uterus, fertilization, early embryonic development, luteal mechanism, implantation, involution of uterus post partum, sperm migration in cervical mucus, oogenesis, acrosomal enzymes, fusion, activation, penetration, syngamy and polispermy and reproductive health
4	To get ample information about the structure and functions of hormones related to reproduction and diagnosis of oestrus, proper seeding time and gain experience in the selection of the technique in domestic animals
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	Systematic of special examination, morphological and functional examination of genital organs, microbiological examination of sperm cells, ultra structure characteristics of sperm cells, factors affecting sperm quality, spermatological examination, Short term storage and cryopreservation of sperm cells, cryopreservation methods, factors affecting the success of thawing sperm cells, manipulations applied before or after thawing
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
10	To make a research about reproduction and artificial insemination, this can contribute and advance to science
11	To get experience about to write a national or international article about reproduction and artificial insemination, this can contribute and advance to science

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

	L1	L2	L3
P5	5	5	5
P6	5	5	5
P10	5	5	5
P11	5	5	5