AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Anatomy of Mammary Gland						
Course Code		VAN643		Couse Level		Third Cycle (Doctorate Degree)		
ECTS Credit	3	Workload	75 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		The anatomy and function of the mammary glands in domestic animals, especially dairy animals.						
Course Content		The anatomy and function of the mammary glands in domestic animals, especially dairy animals.						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Demonstration					
Name of Lecturer(s)								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	ÖCAL, M.K., ERDEN, H., ÖĞÜT, İ., KARA, M.E "Anatomy of the Domestic Animals (General-Skin-Forelimb)." Adnan Menderes University Press No: 5 (1998)
2	ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E "Anatomy of the Domestic Animals (Trunk)." Adnan Menderes University Press No: 11 (1999)
3	NICKEL, R., SHUMMER, A., SEIFERLE, E "The Anatomy of the Domestic Animals Volume I –IV)" Verlag Paul Parey (1986)
4	DYCE, KM., SACK, WO., WENSING, CJG " Textbook of Veterinary Anatomy" W.B. Saunders Company (1987)

Week	Weekly Detailed Course Contents	
1	Theoretical	Developing of the mammary glands
	Practice	Dissection of the mammary glands
2	Theoretical	Organization and function of the mammary glands
	Practice	Dissection of the mammary glands
3	Theoretical	Organization and function of the mammary glands
	Practice	Dissection of the mammary glands
4	Theoretical	Vessels of the mammary glands
	Practice	Dissection of the vessels of the mammary gland
5	Theoretical	Nerves of the mammary glands
	Practice	Dissection of the nerves of the mammary gland
6	Theoretical	Mammary gland in cow
	Practice	Dissection of the mammary gland in cow
7	Theoretical	Mammary gland in cow
	Practice	Dissection of the mammary gland in cow
8	Intermediate Exam	Midterm exam
9	Theoretical	Mammary gland in sheep and goat
	Practice	Dissection of the mammary gland in sheep or goat
10	Theoretical	Mammary gland in equidae
	Practice	Dissection of the mammary gland in mare or donkey
11	Theoretical	Mammary gland in cat and dog
	Practice	Dissection of the mammary gland in bitch or cat
12	Theoretical	Mammary gland in sow
	Practice	Dissection of the mammary gland in sow
13	Theoretical	Clinical anatomy of the mammary gland
	Practice	Surface anatomy of the mammary gland
14	Theoretical	Clinical anatomy of the mammary gland
	Practice	Surface anatomy of the mammary gland

15	Theoretical	Clinical anatomy of the mammary gland
	Practice	Surface anatomy of the mammary gland
16	Final Exam	Term exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Midterm Examination	1	13	1	14
Final Examination	1	18	1	19
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. To have knowledge about the anatomy of the mammary glands, and to know the differences among the domestic animals.
2	2. To know the vascularisation and innervations of the mammary glands.
3	have knowledge about the parts of the breast.
4	have knowledge about breast feeding.
5	have knowledge about the positioning of the breast among animal species.

Programme Outcomes *(Anatomy (Veterinary Medicine) Doctorate)*

1	Doing research in any specific issues related to anatomy, planning a study, evaluating and presenting a report on the scientific area, independently.
2	To be able to improve themselves by innovations of the Anatomy
3	Sharing their concepts in seminar, symposium, conference etc. by using the skills of self study.
4	Having the scientific and vocational wafer and defending this apprehension in every medium
5	To be able to interpret what they have learned in the field of veterinary anatomy

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

	L1	L2	L3	L4	L5
P1	3	3	3	4	3
P2	5	5	5	3	4
P3	3	3	3	4	3
P4	4	4	5	3	4