



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Castration and Application Techniques							
Course Code		VCR546		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 gain knowledge and skills about castration techniques.							
Course Content		The course content include, castration techniques for cats, dogs, small and large ruminants and horses.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Lec. Zeynep BİLGEN							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Seminar	1	10

### Recommended or Required Reading

1	1. Fubini S, Ducharrne N, 2004, Farm Animal Surgery, Saunders, USA. 2. Tobias KM, 2010, Manual of Small Animal Soft Tissue Surgery, Wiley-Blackwell. 3. Auer J, Stick J. Equine Surgery. 3rd Edition, Saunders, Missouri, 2006
---	--

Week	Weekly Detailed Course Contents	
1	Theoretical	Patient preparation-1
2	Theoretical	Patient preparation-2
3	Theoretical	Castration of cats
4	Theoretical	Cats open castration
5	Theoretical	Castration of dogs
6	Theoretical	Dogs open castration
7	Theoretical	Chemical castration of dogs and cats
8	Intermediate Exam	Midterm exam
9	Theoretical	Dogs cryptorchidism and treatment
10	Theoretical	Large ruminants castration
11	Theoretical	Castration in small ruminants
12	Theoretical	Castration of pigs
13	Theoretical	Equine castration
14	Theoretical	Case study and discussion
15	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Seminar	1	7	1	8
Individual Work	14	0	1	14
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	1. Student learns and practice castration in cats and dogs.
---	---



2	2. Student learns and practice castration in ruminants.
3	3. Student learns and practice castration in horses.
4	To learn knowledge and propose suggestions on the area.
5	To find out and use resources about the profession in the area.

**Programme Outcomes (Surgery (Veterinary Medicine) Master)**

1	To be able to explain the knowledge about veterinary surgery in the expertise level.
2	2. To be able to comprehend veterinary surgery theoretically and practically.
3	3. To be able to use the information gained in the field, create solutions to problems that require expertise.
4	4. To be able to pursue the profession by being aware of the powers and responsibilities
5	5. To be able to have a relationship with other experts about problems outside of their area, as a member of the team contributes to the solution.
6	6. To be able to activate methods of production and use of scientific knowledge.
7	7. To be able to comprehend the master's degree information, identify public and animal health problem provides solutions and organizes events.
8	To be able to collect all sorts of data (field observations, produced scientific knowledge) in the field and evaluate for the purpose.
9	9. To be able to develop and use strategies about his field.
10	10. To be able to comprehend the needs of the country and the knowledge gained through the level of expertise of the region implements and take up the defense
11	11. To be able to identify and make rules to protect environmental health applications.
12	12. To be able to conceptualise events and facts related to the field of scientific techniques and methods that examine the comments on the results, problems, or method of analysis for the fictions, according to data obtained from the solution and / or provides an alternative treatment.
13	13. To be able to follow and use all the information which is updated in the field of (scientific knowledge, legislation, etc.).

**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
P2	5	5	5
P3	3	5	5
P4	2	5	5
P5	1	1	1
P6	2	4	4
P7	1	2	2
P8	1	1	1
P9	1	1	1
P10	1	3	3
P11	1	1	1
P12	1	3	3
P13	1	1	1

