



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Bleeding							
Course Code		VCR524		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	56 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To gain knowledge about management in bleeding in trauma patients and during the operation.							
Course Content		The course content is coagulation, hemorrhage types, hemostasis and blood transfusions.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)		Lec. Zeynep BİLGİN, Prof. Ali BELGE							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	1. Samsar, E., Akin, F. (2002). Genel Cerrahi. Malatya; Medipress.
2	2. Aslanbey D. (2000). Veteriner Operasyon Bilgisi Malatya; Medipress.
3	3. Slatter, D. (1998). Textbook of Small Animal Surgery. Philadelphia: W.B. Saunders Company.

Week	Weekly Detailed Course Contents	
1	Theoretical	Nomenclature of hemorrhage according to the definition and site
2	Theoretical	Types of hemorrhage
3	Theoretical	Haemostasis mechanism
4	Theoretical	Causes delays and prevents haemostasis
5	Theoretical	Symptoms of hemorrhage
6	Theoretical	Mechanic haemostasis
7	Theoretical	Haemostatic drugs
8	Intermediate Exam	Midterm exam
9	Theoretical	Vasoconstrictor haemostatic drugs
10	Theoretical	Drugs that increase the ability of haemostasis
11	Theoretical	Blood groups in animals
12	Theoretical	Blood transfusions
13	Theoretical	Clinical practice- haemostasis in operation patients
14	Theoretical	Clinical practice- haemostasis in operation patients
15	Theoretical	Clinical practice- haemostasis in operation patients
16	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Individual Work	14	0	1	14
Midterm Examination	1	5	1	6
Final Examination	1	7	1	8
Total Workload (Hours)				56
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	1. Students will learn about the hemorrhage.
2	2. Students have knowledge about drugs and surgical procedures used for hemostasis.
3	3. Student can interfere to hemorrhage (medical and surgical) and may do application to the survival of the patient.
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

