AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Suture Materials and Features						
Course Code	VCR533		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	2	Workload	51 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To gain knowledge about suture needles, sutures and other materials						
Course Content	Suture features, numbering systems, organic and resorbable sutures, organic and non-resorbable sutures, synthetic and non resorbable sutures, metal sutures, sutures for ligaments, tendos and bone fixations, suture choise for soft tissue, sutures for micro surgery, sutures for eye surgery						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Individual Study				
Name of Lecturer(s)	Prof. Ali BELGE, Prof. İbrahim AKIN						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Aslanbey D. (2000). Veteriner Operasyon Bilgisi Malatya; Medipress
2	2. Slatter, D. (1998). Textbook of Small Animal Surgery. Philedelphia: W.B. Saunders Company.

Week	Weekly Detailed Course Contents	
1	Theoretical	Suture definition and endications
2	Theoretical	Suture materials features
3	Theoretical	Classifications of suture materials (resorbable sutures)
4	Theoretical	Non resorbable sutures
5	Theoretical	Metal sutures
6	Theoretical	Skin adhesives
7	Theoretical	Features of an ideal suture
8	Intermediate Exam	Midterm exam
9	Theoretical	Chirurgical needles
10	Theoretical	Strengthening duration of cicatrisation tissue
11	Theoretical	Sutures for ligament, tendon and bone fixation
12	Theoretical	Suture choise for soft tissue,
13	Theoretical	Sutures for micro surgery
14	Theoretical	Sutures for eye surgery
15	Theoretical	Clinical case discussing
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	10	1	11
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
			Total Workload (Hours)	51
			[Total Workload (Hours) / 25*] = **ECTS**	2

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knows suture materails
2	Decides the appropriate suture materials according to case
3	Applies suture in simple cases
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	4	4	4
P4	4	4	4
P5	2	2	2
P6	3	3	3
P7	5	5	5
P8	5	5	5
P9	3	3	3
P10	3	3	3
P11	5	5	5
P12	4	4	4
P13	2	2	2