



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Techniques of Osteosynthesis							
Course Code		VCR634		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	7	Workload	175 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To gain knowledge and skills about the fractures, fracture healing, materials and techniques used in the osteosynthesis							
Course Content		The materials used in the treatment of fracture, fracture treatment methods and practices, and radiological examination of fracture healing.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Case Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Slatter, D. (1998). Textbook of Small Animal Surgery. Philadelphia: W.B. Saunders Company.
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Week	Weekly Detailed Course Contents	
1	Theoretical	General evaluation of trauma patient
2	Theoretical	Classifications of fractures
3	Theoretical	Planning of fracture treatment
4	Theoretical	Getting ready of patient, surgical readiness and fracture reduction
5	Theoretical	Necessary surgical materials for osteosynthesis -1
6	Theoretical	Necessary surgical materials for osteosynthesis -2
7	Theoretical	Intrameduller pins and usages
8	Intermediate Exam	Midterm exam
9	Theoretical	Cerclage wires and usage
10	Theoretical	Vida types and usages
11	Theoretical	Plaque types and usages-1
12	Theoretical	Plaque types and usages -2
13	Theoretical	External fixators -1
14	Theoretical	External fixators -2
15	Theoretical	Radiographical examination of fracture healing
16	Theoretical	Clinical case discussing
17	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	14	1	15
Individual Work	14	3	0	42
Midterm Examination	1	26	1	27



Final Examination	1	34	1	35
Total Workload (Hours)				175
[Total Workload (Hours) / 25*] = ECTS				7
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. Osteosynthesis materials used in veterinary orthopedia
2	2. Osteosynthesis methods used in veterinary orthopedia
3	3. Decides appropriate material and method and applies
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) Doctorate)

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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				5	5
P2				5	5
P3	5			5	5
P4				5	
P5		5	5		
P6	5				
P8			5		
P9		5			
P11	5		5		
P13		5	5		

