



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Methods of Fracture Fixation							
Course Code		VCR670		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	122 ( <i>Hours</i> )	Theory	0	Practice	2	Laboratory	0
Objectives of the Course		To gain knowledge and skills about fractures, osteosynthesis materials and techniques used for osteosynthesis.							
Course Content		The course content include, materials used for fracture treatment, osteosynthesis techniques and radiological examination of fracture healing.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	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 the trauma patient
2	Theoretical	Classification of fractures
3	Theoretical	Fracture treatment planning
4	Theoretical	Preparation of the patient, surgical approaches and fracture reduction
5	Theoretical	Surgical equipment required for osteosynthesis-1
6	Theoretical	Surgical equipment required for osteosynthesis-2
7	Theoretical	Intramedullary pins and their use
8	Intermediate Exam	Midterm exam
9	Theoretical	Cerclage wires and their use
10	Theoretical	Screw types and their use
11	Theoretical	Plate types and their use-1
12	Theoretical	Plate types and their use-2
13	Theoretical	External Skeletal Fixators
14	Theoretical	Radiological examination of fracture healing
15	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Seminar	1	5	1	6
Individual Work	14	1	2	42
Midterm Examination	1	10	1	11
Final Examination	1	20	1	21
Total Workload (Hours)				122
[Total Workload (Hours) / 25*] = ECTS				5

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Student learn osteosynthesis materials can be used for veterinary orthopedics.
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2	2. Student learn osteosynthesis methods can be used for veterinary orthopedics.
3	Student can choose appropriate material and method for 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) 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
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	1
P8	1	1	1
P9	1	1	1
P10	1	3	3
P11	1	1	1
P12	1	3	3
P13	1	1	1

