



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Radiographical Diagnosis							
Course Code		VCR651		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		radiological diagnostic methods and principles, appropriate usage of diagnostic methods according to its endications and gain skills about to able to interpret radiological findings							
Course Content		Radiological diagnostic methods and principles, endications and interpreting of radiological findings							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Lec. Büşra KİBAR KURT							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Alkan Z. (1999). Veteriner Radyoloji. Ankara. Mina Ajans.
2	Burk R.L., Ackerman N. (1996). Small Animal Radiology and Ultrasonography. A Diagnostic Atlas and Text. Philadelphia: W. B. Saunders Company
3	3. Morgan, J., Wolvekamp, P. (2005). An Atlas of Radiology of the Traumatized Dog and Cat, Blackwell USA

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic x-ray and ultrasound physics
2	Theoretical	The basic principles of radiographic interpretation-1
3	Theoretical	The basic principles of radiographic interpretation-2
4	Theoretical	Radiographic Artifacts
5	Theoretical	Contrast radiography Applications-1
6	Theoretical	Contrast radiography Applications-2
7	Theoretical	the basic physics of ultrasound and characteristics
8	Theoretical	Ultrasonographic artifacts
9	Intermediate Exam	Mid-term exam
10	Theoretical	Computed tomography
11	Theoretical	Magnetic resonance imaging
12	Theoretical	Scintigraphy-1
13	Theoretical	Scintigraphy-2
14	Theoretical	Thermography
15	Theoretical	Clinical Case Discussion
16	Theoretical	Clinical Case Discussion
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	14	1	15
Individual Work	14	3	0	42
Midterm Examination	1	14	1	15



Final Examination	1	24	1	25
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. Knows several radiological imaging methods
2	2. Chooses the appropriate imaging method in necessary cases
3	3. Can diagnose through obtained images.
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	4	4	4
P4	4	4	4
P5	4	4	4
P6	4	4	4
P7	2	2	2
P8	4	4	4
P9	3	3	3
P10	4	4	4
P11	4	4	4
P12	3	3	3

