



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Radiography Digestive System							
Course Code		VCR556		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	102 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To learn digestive system, its direct and indirect radiography and interpreting of the system							
Course Content		Appropriate techniques for digestive system radiography, contrast materials and dosages							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Lec. Zeynep BİLGEN, 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	1. Alkan Z. (1999). Veteriner Radyoloji. Ankara. Mina Ajans
2	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	Radiographical anatomy of digestive system
2	Theoretical	Radiographical positions of digestive system imaging
3	Theoretical	Radiographical artefacts and techniques mistakes
4	Theoretical	Drugs used for contrast radiography of digestive system
5	Theoretical	Contrast radiography techniques of digestive system-1
6	Theoretical	Contrast radiography techniques of digestive system-2
7	Theoretical	Direct and indirect imaging of gaster and oesophagus
8	Theoretical	Direct and indirect imaging of small intestines
9	Theoretical	Direct and indirect imaging of large intestines
10	Intermediate Exam	Midterm exam
11	Theoretical	Abnormal findings and evaluation-1
12	Theoretical	Abnormal findings and evaluation-2
13	Theoretical	Radiographical samples and discussion-1
14	Theoretical	Radiographical samples and discussion-2
15	Theoretical	Radiographical samples and discussion-3
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	2	4	1	10
Individual Work	14	0	1	14
Midterm Examination	1	10	1	11



Final Examination	1	10	1	11
Total Workload (Hours)				102
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. Knows direct and indirect radiography of digestive system.
2	2. Learns techniques and equipments of direct and indirect radiography of digestive system, can image
3	3. Can interpret digestive system radiographies
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

