



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Clostridial Infections in Sheep							
Course Code		VİH658		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		To teach the etiology, clinical manifestations, diagnosis, treatment and / or prevention of enterotoksemies, hepatotoksemi, tetanus, malignant edema, , gas gangrene and black disease etc.. associated with Clostridial infections in sheep							
Course Content		See weekly course topics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	2	10

Recommended or Required Reading

1	H. Batmaz. Koyun Ve Keçilerin İç Hastalıkları. Semptomdan Tanıya, Tanıdan Sağaltıma, 2012.
2	D. I. Aitken; Diseases of Sheep, 4th Edition. Wiley-Blackwell, 2007
3	Pugh D. G.; Sheep and Goat Medicine. WB Saunders, 2002
4	Radostits, Otto M. [and others], eds. Veterinary Medicine: A

Week	Weekly Detailed Course Contents	
1	Theoretical	Clostridial agent
2	Theoretical	The clinical significance of clostridial factors
3	Theoretical	Overview of clostridial infections
4	Theoretical	Diagnosis of clostridial infections
5	Theoretical	Clinical appearance of Clostridial infections,
6	Theoretical	Prevention of Clostridial infection
7	Theoretical	Enterotoxemia
8	Intermediate Exam	Midterm
9	Theoretical	Enterotoxemia
10	Theoretical	Yanıkara
11	Theoretical	Botulismus
12	Theoretical	tetanus
13	Theoretical	Malignant edema
14	Theoretical	Necrotic hepatitis
15	Theoretical	Discussion
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	1	0	20	20
Reading	14	0	2	28
Midterm Examination	1	4	1	5



Final Examination	1	7	1	8
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Knows the sufficient theoretic knowledge that cause the disease in sheeps about Clostridial agents.
2	May diagnosis with clinical and laboratory techniques
3	Implements the effective and rational treatment in Clostridial infections.
4	Take protection measures against Clostridial infections
5	Knows the rules of sending materials to the laboratory.

Programme Outcomes (Internal Diseases (Veterinary Medicine) Doctorate)

1	Based on acquirements relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculiar results.
2	Detecting relevant problems, establishing hypothesis against solution, acquirement of solving hypothesis within computational and experimental methods.
3	A systematic approach of evaluating and using new knowledge on related field.
4	Usage of previously known scientific methods related to field for advanced/newly known/occurring problems.
5	For Large and Small Animal Internal Medicine, taking into account the systemic clinical examination, realizing the true diagnosis for interpreting the clinical and laboratory findings, and the need to implement effective and rational treatment for taking prophylactic measures.
6	Detecting the problems related to Turkish animal husbandry related to herd health and prophylactic veterinary surgeon.
7	Reviewing and usage of all related data (field observations, scientific knowledge) for requirements.
8	Innovation in the field of science, the scientific method for a new area of development and application of a method known to have one of a new plan that for.
9	Following, evaluating, presenting and discussing the international literature in the field of Veterinary Internal Medicine.
10	Offering all kinds of development and innovation in the field of appropriate methods, the economic and social advancement of the society for contribution.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4
P1	4	4	4	4
P2	5	4	3	4
P3	3	4	4	5
P4	3	5	4	5
P5	3	5	4	5
P6	3	5	3	5
P7	4	4	3	4
P8	3	4	3	5
P9	4	4	3	5
P10	4	4	2	5

