



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Diseases of Respiratory System in Cattle							
Course Code		VİH521		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	103 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		Etiology, pathogenesis, clinical presentation, diagnosis, differential diagnosis, prognosis, treatment and prophylaxis is learned of after gastrointestinal systems disorders most seen respiratory systems disorders (rhinitis, sinusitis, laryngitis ve laryngeal edema, treachitis, bronchitis, bronchopneumonie, pneumonia pulmoner anfizem, cavum pleura disorders ve pleuritis) in cattles.							
Course Content		See weekly course topics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	25
Final Examination	1	60
Assignment	3	15

Recommended or Required Reading

1	Y. Gul. Geviş Getiren Hayvanların İç Hastalıkları (Sığır Koyun Keçi) (Genişletilmiş 3.Baskı). 2012.
2	S. Şentürk. Sığırlarda Solunum Sistemi Hastalıkları, 2011
3	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
4	Bradford P. Smith; Large Animal Internal Medicine, 4th Edition. Mosby, 2009
5	Radostits, Otto M. [and others], eds. Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats and Horses. 10th ed. WB Saunders, 2007
6	Blowey, R. W., and Weaver, A. David; Color Atlas of Diseases and Disorders of Cattle, 2nd ed. Mosby, 2003
7	Apley M. Antimicrobial therapy of bovine respiratory disease. Vet Clin North Am Food Anim Pract. 1997 Nov;13(3):549-74.

Week	Weekly Detailed Course Contents	
1	Theoretical	Pathophysiology of respiratory tract
	Preparation Work	Evaluation of respiratory sounds
2	Theoretical	Clinical Findings of Respiratory System Diseases
	Preparation Work	Evaluation of rhinitis
3	Theoretical	Laboratory Diagnosis of Respiratory System Diseases
	Preparation Work	Palpation of the larynx and trachea
4	Theoretical	Principles of Respiratory Diseases Treatment
	Preparation Work	rhinolaryngoscopy
5	Theoretical	Upper Respiratory System Diseases
	Preparation Work	Chest percussion
6	Theoretical	Lower Respiratory System Diseases
	Preparation Work	Lung auscultation
7	Theoretical	Bronchial Diseases
	Preparation Work	Bronchoscopy
8	Preparation Work	Evaluation of respiratory type
	Intermediate Exam	Midterm
9	Theoretical	Pulmonary edema and emphysema
	Preparation Work	Evaluation of dyspnea
10	Theoretical	Pneumoni
	Preparation Work	Take the tracheal swap
11	Theoretical	Bronchopneumoni



11	Preparation Work	Case evaluation
12	Theoretical	Lung Abscess
	Preparation Work	Case evaluation
13	Theoretical	Diseases of the chest cavity
	Preparation Work	Case evaluation
14	Theoretical	Pleuritis
	Preparation Work	Case evaluation
15	Theoretical	Discussion
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	3	0	10	30
Reading	14	0	1	14
Midterm Examination	1	5	1	6
Final Examination	1	10	1	11
Total Workload (Hours)				103
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To definition of respiratory tract disorders in cattles
2	TO perform effective and rational treatment.
3	To take the necessary prophylactic measures.
4	Knows the differential diagnosis of respiratory diseases.
5	Knows the complications of respiratory system diseases.

Programme Outcomes (Internal Diseases (Veterinary Medicine) Master)

1	Among veterinary medicine master of science sufficiency, increasing and deepening relevant knowledge
2	Developing and deepening theoretical and practical knowledge in the field of use, integrating knowledge from different disciplines for interpretation.
3	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.
4	Learning how to access and evaluate relevant information.
5	Quoting updated novelty relevant to Veterinary Internal Medicine by incrisptive, oral and visually.
6	Planning a relevant research study by use of quantative and qualitative data collection, contiuiuing by taking care of scientific ethics, and by evaluation of appropriate statistical methods chosen, converting the investigational and project results into report/thesis.
7	Information obtained in accordance with the requirements of the country and the level of expertise of the region for usage of research public and animal health.

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

	L1	L2	L3
P1	3	4	4
P2	4	5	5
P3	5	5	5
P4	3	3	3
P5	3	3	3
P6	2	3	3
P7	3	4	4

