



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Pathology of Endocrine System							
Course Code		VPT629		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	126 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Proliferative lesions in the endocrine glands, mechanisms of an endocrine disease, endocrine hyperactivity causing secondary disease in other organisms will be given, then the pituitary, thyroid and parathyroid and adrenal development structure and functions will be given.							
Course Content		Proliferative lesions in the endocrine glands, mechanisms of an endocrine disease, endocrine hyperactivity causing secondary disease in other organisms will be given, then the pituitary, thyroid and parathyroid and adrenal development structure and functions will be given.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	60
Assignment	10	40

Recommended or Required Reading

1	K.V.F. Jubb, P. C.Kennedy, N. Palmer (1992). Pathology of Domestic Animals volume 1. 4th edition. Academic Pres Inc.
2	K.V.F. Jubb, P. C.Kennedy, N. Palmer (1992). Pathology of Domestic Animals volume 2. 4th edition. Academic Pres Inc.
3	K.V.F. Jubb, P. C.Kennedy, N. Palmer (1992). Pathology of Domestic Animals volume 3. 4th edition. Academic Pres Inc.
4	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 1. cilt medipres, Ankara.
5	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 2. cilt medipres, Ankara.
6	Metin, N. (2008) Üriner sistem Patolojisi, Aydın. Metin, N. (2008) Sinir Sistemi Patolojisi, Aydın.
7	Metin, N. (2008). Sindirim, Solunum ve Bilier Sistem Patoloji, Aydın.
8	B. A. Summers, J. F. Cummings, A. Lahunta. (1995).Veterinary Neuropathology. Mosby.
9	10. C. D. Buergelt. (1997). Color Atlas of Reproductive Pathology of Domestic Animals. Mosby

Week	Weekly Detailed Course Contents	
1	Theoretical	Proliferative lesions in endocrine glands
2	Theoretical	Proliferative lesions in endocrine glands
3	Theoretical	Mechanisms of endocrine diseases
4	Theoretical	Mechanisms of endocrine diseases
5	Theoretical	Secondary disease-causing endocrine hyperactivity in other organisms
6	Theoretical	Secondary disease-causing endocrine hyperactivity in other organisms
7	Theoretical	General information about pituitary gland and diseases
8	Theoretical	General information about pituitary gland and diseases
9	Theoretical	General information about thyroid gland and diseases
10	Theoretical	General information about thyroid gland and diseases
11	Theoretical	General information about parathyroid gland and diseases
12	Theoretical	General information about parathyroid gland and diseases
13	Theoretical	General information and diseases about adrenals
14	Theoretical	General information and diseases about adrenals

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	2	84
Assignment	2	6	3	18
Reading	1	4	2	6
Individual Work	1	4	2	6



Final Examination	1	10	2	12
Total Workload (Hours)				126
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To have knowledge about endocrine glands
2	To have information about proliferative lesions of endocrine glands
3	To have knowledge about the mechanisms of endocrine gland diseases
4	To have knowledge about endocrine hyperactivity causing secondary diseases
5	To have knowledge about pituitary, thyroid, parathyroid and adrenal diseases

Programme Outcomes (Pathology (Veterinary Medicine) Doctorate)

1	The student knows lesions of organs and tissues as well as pathological mechanisms of infectious/noninfectious diseases of especially farm and pet animals.
2	The student intensify theoretical and practical knowledge.
3	The student will learn and apply a variety of theoretical methods of diagnosis.
4	Students macroscopic and microscopic signs of diseases characterized by evaluating the clinical findings and examine the comparative.
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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	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5
P3	5	5	5	5	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

