



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Pathology of Bacterial Diseases							
Course Code		VPT627		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Anthrax, clostridial infections (ie, bovine bacilli hemoglobuniris, malignant edema, infectious necrotic hepatitis, Bradzo, gas gangrene, tetanus), clostridial enterotoxemia, botulismus, streptococcal infections, Campylobacter infections, hemophilus infections, E. coli infection, Leptospirosis, pseudotuberculosis, actinomycosis, necrobacillosis, tuberculosis, pseudotuberculosis.							
Course Content		Anthrax, clostridial infections (ie, bovine bacilli hemoglobuniris, malignant edema, infectious necrotic hepatitis, Bradzo, gas gangrene, tetanus), clostridial enterotoxemia, botulismus, streptococcal infections, Campylobacter infections, hemophilus infections, E. coli infection, Leptospirosis, pseudotuberculosis, actinomycosis, necrobacillosis, tuberculosis, pseudotuberculosis.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)		Prof. Recai TUNCA							

### 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	10. C. D. Buergelt. (1997). Color Atlas of Reproductive Pathology of Domestic Animals. Mosby
9	10. C. D. Buergelt. (1997). Color Atlas of Reproductive Pathology of Domestic Animals. Mosby

Week	Weekly Detailed Course Contents	
1	Theoretical	Anthrax
2	Theoretical	Clostridial infections and clostridial enterotoxemia
3	Theoretical	Streptococcal infections
4	Theoretical	Campylobacter infections
5	Theoretical	Hemophilus infections
6	Theoretical	E. coli infections
7	Theoretical	Brucellosis
8	Theoretical	Pasteurellosis
9	Theoretical	Listeriosis
10	Theoretical	Leptospirosis
11	Theoretical	Actinomycosis
12	Theoretical	Necrobacillosis
13	Theoretical	Pseudotuberculosis
14	Theoretical	Tuberculosis and paratuberculosis

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Assignment	1	6	3	9



Final Examination	1	8	2	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To have knowledge about bacterial diseases
2	To have knowledge about pathogenesis of bacterial diseases
3	To have knowledge about morphological changes observed during bacterial diseases
4	To have knowledge about bacterial diseases of domestic animals
5	To gain the ability to apply and use this knowledge to other fields

### 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.
5	
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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

