



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Introduction to Histochemical Techniques							
Course Code		VPT533		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		In the basic level, histochemical techniques, cell, tissue and pathologic agents in the histologic demonstration histochemical methods							
Course Content		In the basic level, histochemical techniques, cell, tissue and pathologic agents in the histologic demonstration histochemical methods							
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	40
Final Examination	1	60

Recommended or Required Reading

1	Jones, T.C., Hunt, R.D., King, N.W., (1996) Veterinary Patology, Waverly Company, Philadelphia, USA.
2	Thomson, R.G., (1978) General Veterinary Patology, W.B.Saunders Company. Philadelphia, USA

Week	Weekly Detailed Course Contents	
1	Theoretical	Fixation and fixative methods
	Preparation Work	Book
2	Theoretical	Tissue trimming, dehydration and clearing methods
	Preparation Work	Book
3	Theoretical	Histochemical staining methods
	Preparation Work	Book
4	Theoretical	Connective tissue staining methods
	Preparation Work	Book
5	Theoretical	Cytoplasmic granule staining methods
	Preparation Work	Book
6	Theoretical	Haematologic and nuclear structure staining methods
	Preparation Work	Book
7	Theoretical	Carbohydrate staining methods
	Preparation Work	Book
8	Preparation Work	Book
	Intermediate Exam	Mid term
9	Theoretical	Carbohydrate and mucoprotein staining methods
	Preparation Work	Book
10	Theoretical	Pigment and mineral staining methods
	Preparation Work	Book
11	Theoretical	Neuron and myelin staining methods
	Preparation Work	Book
12	Theoretical	Staining methods of fungus with Gram (-) gram (+) bacteria
	Preparation Work	Book
13	Theoretical	Staining methods of inclusion substance, Riketsia and spiroketleri
	Preparation Work	Book
14	Theoretical	Demonstration
	Preparation Work	Book



15	Theoretical	Final exam
	Preparation Work	Book

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Midterm Examination	1	14	1	15
Final Examination	1	6	1	7
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be knowledgeable about the histochemical staining
2	To be knowledgeable about the content of histochemical dyes
3	To be knowledgeable about the content of histochemical dyes
4	To be knowledgeable about the preparation of histochemical dyes
5	To be knowledgeable about the use of histochemical dyes in the diagnosis of diseases

Programme Outcomes (Pathology (Veterinary Medicine) Master)

1	The student knows anatomy, structure/function of organs and tissues as well as physiological mechanisms of especially farm animals.
2	
3	
4	
5	
6	
7	
8	
9	
10	

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	4	3	5	5	5
P2	5	5	5	5	5
P3	5	5	5	5	5
P4	4	5	5	5	5
P5	4	3	5	5	5
P6	4	5	5	5	5
P7	3	3	5	5	5
P8	4	3	5	5	5
P9	4	3	5	5	5
P10	4	3	5	5	5

