



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Mites Production Methods							
Course Code		VPR547		Couese Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	55 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The objective of this course is to be able to tell about morphology and biology of acarus which are serious health problems for both veterinary and public health, production methods under laboratory conditions of acarus that are carried out in vitro production and colonization, the methods used in the production of mites							
Course Content		In vitro production methods and colonization of mites especially in domestic animals and equipments to used in production							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Quiz	2	10
Assignment	2	10

Recommended or Required Reading

1	Wall R, Shearer D. Veterinary Ectoparasites. Blackwell Science, 2001.
2	Mullen G, Durden L. Medical and Veterinary Entomology. Academic Press, 2002
3	Taylor MA, Coop RL, Wall RL. Veterinary Parasitology. 3rd Ed, Blackwell Publishing, 2008

Week	Weekly Detailed Course Contents	
1	Theoretical	Morphology of mites transferring some of the diseases that constitute a serious health problem in domestic animals and humans
2	Theoretical	Biology of mites transferring some of the diseases that constitute a serious health problem in domestic animals and humans
3	Theoretical	Learning of in vitro production and colonization of acari
4	Theoretical	Quiz
5	Theoretical	In vitro production methods of mites
6	Theoretical	Reasons for the necessity in vitro production of mites
7	Theoretical	Advantages of In vitro production in which mites
8	Intermediate Exam	Midterm Examination
9	Theoretical	Biotic and abiotic equipment that used in the production of mites
10	Theoretical	Experimental animals used in the production of mites
11	Theoretical	Quiz
12	Theoretical	Optimum conditions for in vitro production of mites
13	Theoretical	Artificial feeding units in the production of mites
14	Theoretical	Issues must be considered the production of mites
15	Theoretical	Discussion
16	Final Exam	Final exam
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	1	1	4
Quiz	2	2	2	8



Midterm Examination	1	5	1	6
Final Examination	1	8	1	9
Total Workload (Hours)				55
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Have the knowledge about the morphology of acari which are serious health problems for both veterinary and public health
2	Have the knowledge about production methods under laboratory conditions of acari that are carried out in vitro production and colonization
3	Have the knowledge on the methods and equipments used for the production and colonization of acari
4	Have the knowledge on the biology of acari which are serious health problems for both veterinary and public health
5	Knows the benefits of growing acari in vitro

Programme Outcomes (Parasitology (Veterinary Medicine) Master)

1	
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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	4	4	4	3	2
P3	4	4	4	4	5
P4	4	4	4	3	5
P5	5	4	5	5	4
P6	4	4	4	5	1
P7	4	5	5	3	3
P8	5	5	5	5	3
P9	4	4	4	4	4
P10	5	5	5	5	5
P11	5	5	5	3	2
P12	5	5	5	2	2

