



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Bee Care and Health							
Course Code		LVS224		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Training medical assistant who can work on beekeeping sector and can educate public.							
Course Content		History of Beekeeping, Morphology and Biology of Honey bee, Honey bee products and diseases							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Ins. Tayfun ŞAHİN							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Honey bee breeding, products, diseases ed. Ahmet Doğanay, Levent Aydın
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Week	Weekly Detailed Course Contents	
1	Theoretical	History of Beekeeping
2	Theoretical	Morphology and Biology of Honey bee
3	Theoretical	Honey bee products
4	Theoretical	Control of colony and hive
5	Theoretical	General honey bee diseases
6	Theoretical	Honey bee foul broods
7	Theoretical	Control of the wax moth
8	Intermediate Exam	Midterm exam
9	Intermediate Exam	Midterm exam
10	Theoretical	Nosemosis and Ameoba
11	Theoretical	Varroosis
12	Theoretical	Other arthropod diseases
13	Theoretical	Laboratuary diagnose Methods of honey bee diseases
14	Theoretical	Drug usage in Beekeeping
15	Theoretical	Apitherapy
16	Final Exam	Final exam
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	2	26
Individual Work	13	0	2	26
Midterm Examination	1	9	1	10
Final Examination	1	12	1	13
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Bee races and hive types
2	Hive management



3	Bee biology
4	Harvesting
5	Queen control and rearing, taking swarm
6	Parasitic, viral and bacterial diseases of bees. Their ethiology, biology, symptoms, diagnose, treatment and control

Programme Outcomes (Laboratory and Veterinary Sciences)

1	To be able to understand and use , where information about Veterinary Technician
2	To be able to analyze and synthesize
3	To be able to have awareness of ethical and professional responsibility
4	To be able to recognise the basic features of animal species and breeds
5	To be able to make and test preparation In the laboratory, under the supervision of the veterinarian in charge of registration,
6	To be able to care of animals Asepsis and antisepsis to do with the preoperative and postoperative
7	To be able to control of parasitic infestations and infectious disease prevention and veterinary advice can be helpful when working on
8	To be able to prepare and use of animal feeding protocols In theory
9	To be able to Veterinarian examination, imaging, and surgical applications of finding assistance during the application and conduct any kind planned by Veterinarian
10	To be able to Make efforts to enhance productivity in animal husbandry

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

	L1	L2	L3	L4	L5	L6
P1	2	1	2	2	1	2
P2	1	2	1	1	2	1
P3	3	3	3	3	3	3
P4	4	3	4	4	3	4
P5	1	2	1	1	2	1
P6	4	4	4	3	4	4
P7	2	2	2	3	2	2
P8	1	4	3	2	4	3
P9	4	3	2	2	3	2
P10	2	3	3	3	3	3

