



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Honey Bee Nutrition							
Course Code		AR235		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	119 ( <i>Hours</i> )	Theory	2	Practice	1	Laboratory	0
Objectives of the Course									
Course Content									
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)		Ins. Ali Kemali ÖZUĞUR							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	1. Modern Arıcılık Teknikleri (Prof. Dr. Musin Doğaroğlu ISBN:975-94210-0-3
2	2. Arıcılığın Temel Esasları (Prof. Dr. Ferhat Genç, Doç. Dr. Ahmet Dodoloğlu Atatürk Ü. Ziraat Fak.Yayınları No:160)
3	3. Uygulamalı Arıcılık Öder, E. ISBN 975-9944-62-243-5

Week	Weekly Detailed Course Contents	
1	Theoretical	
	Practice	
2	Theoretical	
	Practice	
3	Theoretical	
	Practice	
4	Theoretical	
	Practice	
5	Theoretical	
	Practice	
6	Theoretical	
	Practice	
7	Theoretical	
	Practice	
8	Intermediate Exam	
9	Theoretical	
	Practice	
10	Theoretical	
	Practice	
11	Theoretical	
	Practice	
12	Theoretical	
	Practice	
13	Theoretical	
	Practice	
14	Theoretical	
	Practice	
15	Theoretical	
	Practice	



**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	0	14	28
Lecture - Practice	1	0	14	14
Land Work	10	0	5	50
Reading	5	0	5	25
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				119
[Total Workload (Hours) / 25*] = <b>ECTS</b>				5
*25 hour workload is accepted as 1 ECTS				

**Learning Outcomes**

1	To be able to comprehend the needs of colony members
2	To be able to identify the needs of nutrition son bees and winter colonies
3	To be able to explain food gathering behaviours of honey bees
4	To be able to identify feeding techniques
5	To be able to comprehend encouraging feeding and the issues that should be considered

**Programme Outcomes (Apiculture)**

1	Understand to bee family (ecology, behavior), needs and diseases of bees. To make needs for healthy colony.
2	Produce of bee and bee products with modern techniques
3	Undestand and use of tools and equipments uesd in Apiculture
4	Understand to nectar and pollen vegetables
5	To know nomadic apiculture conditions
6	Packing of bee products
7	Application to hygienic rules in apiculture enterprise
8	To have information of professional ethics and responsibility
9	Ability to work in team and individual
10	To communicate orally and in writing

**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	4	5	4	4
P2			4	5	
P4	4				

