AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Beekeeping and Pollination						
Course Code		OT211		Couse Level		Short Cycle (Associate's Degree)		
ECTS Credit	3	Workload	72 *(Hours)*	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		Basic beekeeping, organic farming and beekeeping and aquaculture criteria to know and apply, bee diseases and pests to recognize and make the ability to diagnose						
Course Content		Beekeeping activities in our country and in the world, Effects of beekeeping activities on pollination The use of bumble bees is explained.						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Demonstration, Discussion						
Name of Lecturer(s)								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Applied Beekeeping: Enver ÖDER ISBN:975-9944-62-243-5
2	Modern beekeeping techniques: Muhsin DOĞAROĞLU,1999. ISBN:975-94210-0-3

Week	Weekly Detailed Course Contents	
1	Theoretical	What is pollination? Why is it important?
	Practice	Field work
2	Theoretical	What is pollination? Why is it important?
	Practice	Field work
3	Theoretical	The introduction of bee family
	Practice	Field work
4	Theoretical	The place and importance of beekeeping in agriculture
	Practice	Field work
5	Theoretical	beekeeping and the production of horticultural crops
	Practice	Field work
6	Theoretical	Fodder crops, pasture and forestry for the bee meadow
	Practice	Field work
7	Theoretical	Organic agriculture, beekeeping
	Practice	Field work
8	Intermediate Exam	MID TERM
9	Theoretical	The importance of bumble bee pollination
	Practice	Field work
10	Theoretical	Bumble bee species in our country
	Practice	Field work
11	Theoretical	Areas bumble bee
	Practice	Field work
12	Theoretical	Bumble bee habitats
	Practice	Field work
13	Theoretical	The life cycle of the bumble bee
	Practice	Field work
14	Theoretical	Market, and the sale and regulation of bumblebee bumblebee
	Practice	Field work
15	Theoretical	Greenhouse areas of our country,
	Practice	Field work

16	Final Exam	FİNAL EXAM

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	0	14	28
Lecture - Practice	1	0	14	14
Land Work	14	0	2	28
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
			Total Workload (Hours)	72
			[Total Workload (Hours) / 25*] = **ECTS**	3

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Beekeeping activities
2	To be able to comprehend the importance of bees in pollination
3	To be able to comprehend the use of bumble bees in pollination
4	Beekeeping products
5	Life cycle of bumble bees

Programme Outcomes *(Organic Agriculture)*

1	To have university life, to use computer technology and to have skills for raising of scientific data
2	To produce according to organic agriculture rules
3	To know and apply starter to organic agriculture,and to get product certification
4	To know genetic for organic vegetable and animal species
5	To know and apply organic production principle and regulations and protection of environment
6	Understand and apply production techniques for organic vegetable and animal
7	To understand control methods for diseases and pests in organic agriculture
8	Having knowledge of quality control, preserving and marketing of organic products
9	To having knowledge equipments and methods for new agricultural technologies
10	To have knowledge of proffessional ethics and responsibility
11	Ability to work in team and individual
12	To communicate orally and in writing
13	To have adopt life-long learning importance and to have follow professional developments

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

	L1	L2	L3	L4
P1				1
P2		5		
P3				2
P5			5	
P6	3			
P7		3		
P9				2