AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Permaculture and Alternative Agriculture Methods						
Course Code	ORT292		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	1	Practice	1	Laboratory	0
Objectives of the Course	To learn the sustainable vegetable production in the light of permaculture and other methods by examining alternative farming methods, to compare and discuss with organic farming						
Course Content	Permaculture, which has emerged with the diversification of agricultural practices, has embraced principles of respect for nature and sustainability, as well as over consumption. This derste, vegetable cultivation is examined from a permaculture point of view. In this perspective, vegetable farming is discussed and discussed with comparison between conventional agriculture and ecological agriculture, biodynamic agriculture, shumei and permaculture production systems.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Project Based Study, Individual Study, Problem Solving						
Name of Lecturer(s)	Ins. Nuri KİLİMCİ						

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	50
Assignment	1	10

Recommended or Required Reading

1	.Bill Mollison, Permakültüre Giriş, 2011
2	Rosemary Marrow, Earth Users Guide to permaculture, 1993
3	Bill Mollison, The Permakulture Book of Ferment Human Nutrition, 1993

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to permaculture
	Practice	Land observation
2	Theoretical	Permaculture ethics, principles and principles
	Practice	Nursery preparation
3	Theoretical	Permaculture and vegetable growing
	Practice	Preparations for vegetable garden
4	Theoretical	Comparison of conventional vegetable cultivation with permaculture, ecological agriculture, biological agriculture, biodynamic agriculture and shumei
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5	Theoretical	Vegetable garden design, various application promotions
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6	Theoretical	Sister plants
	Practice	Sowing and planting applications
7	Practice	Maintenance in the prepared garden
	Intermediate Exam	midterm exam
8	Theoretical	Alternation and importance in vegetable cultivation
	Practice	Maintenance in the prepared garden
9	Theoretical	The use and importance of compost, green manure and wormwood in vegetables
	Practice	Maintenance in the prepared garden
10	Theoretical	Use of resistant varieties in vegetable crops, protective measures and place of biological cropping
	Practice	Maintenance in the prepared garden
11	Theoretical	Characteristics of integrated vegetable production farms
	Practice	Maintenance in the prepared garden
12	Theoretical	Characteristics of integrated vegetable production farms Turkey's local vegetable biodiversity

12	Practice	Technical tour
13	Theoretical	Alternative applications to determine the harvest time and to increase the durability of the vegetables and to store them for a long time
	Practice	Harvesting and storage methods in vegetable garden
14	Theoretical	Project presentations and evaluation
15	Theoretical	Project presentations and evaluation
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	1	14
Assignment	1	1	1	2
Midterm Examination	1	3	1	4
Final Examination	1	15	1	16
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to comprehend the place and importance of vegetable production and consumption in the country and the world, to interpret and evaluate the data
2	Understanding the methods used in vegetable growing
3	
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Programme Outcomes *(Organic Agriculture)*

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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	L5	L6
P1	3				
P3			3		
P5		3			3
P6		3			
P8		3		4	4
P9				4	4