AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Organic Agriculture								
Course Code	TAP108		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course is to instruct organic agricultural production considering to increase product efficiency and quality, while producing crops preventing naturel sources, human being, animals and environmental health.								
Course Content	Agricultural wasting, definition and principles of ecological agriculture, plant protection in ecological agriculture								
Work Placement	Students do their compulsory internship in the 2ndand 4th semester for 30 days								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Ecological / Organic Agriculture and Environmental Ecological Life Association Publication no.1
2	Organic Agriculture (Yayçep)

Week	Weekly Detailed Course Contents	
1	Theoretical	Changing concepts and conditions of agricultural productions; agricultural waste; chemical fertilizer
2	Theoretical	Pesticide in agricultural waste; examining pesticides in terms of environmental and health problems. Consumption of pesticides in Turkey, application types, positive and negative results of application types.
3	Theoretical	Organic agriculture; definition, historical evolution
4	Theoretical	Principles and concepts of organic agriculture
5	Theoretical	Tillage, selection of plant in organic agriculture
6	Theoretical	Fertilization in organic agriculture; making compost, green manure and importance
7	Theoretical	Plant protection in organic agriculture; passive plant protection
8	Intermediate Exam	Midterm Exam
9	Theoretical	Active plant protection; usage of some materials for pest and diseases
10	Theoretical	A sample for plant protection in organic agriculture
11	Theoretical	Biological controlling in organic agriculture
12	Theoretical	Types of biological controlling, biological controlling in Turkey
13	Theoretical	Food processing and transport in organic agriculture
14	Theoretical	Organic agriculture and biological controlling; citrus fruits, fig, grape, corn, cotton, greenhouse vegetables
15	Theoretical	General Assesment
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Land Work	1	2	0	2
Midterm Examination	1	7	1	8

Final Examination	1	11	1	12
			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 importance of organic agriculture in Turkey and in the world,
2	To be able to to apply theoretical information on producing organic vegetables
3	To be able to determine the specific production materials for growing organic vegetables
4	To be able to recall organic production methods,
5	To able to plan organic companies according to basic principles,
6	To be able to develop a sustainable system in organic agricultural companies,
7	To be able to investigate the current legal regulations in Turkey and in the world in terms of the basic principles
8	To be able to use his knowledge and skills to assess the sustainability of organic production systems

Programme Outcomes *(Medical and Aromatic Plants)*	
1	Understands the importance of medicinal and aromatic plants in the World and Turkey
2	Learn about the general characteristics of medicinal and aromatic plants. Learn the important issues in cultivation and can apply.
3	Learn about usage technologies about medicinal and aromatic plants and can apply.
4	Inform of producers of medicinal and aromatic plant species in offering, material supply, production process, marketing matter.
5	Know and follow the laws and regulations pertaining to the profession.
6	Learns morphological and anatomical structures of plants.
7	Learns to identify medicinal and aromatic plants.
8	To be able to behave sensitively towards environmental issues at national and global levels and to be able to interpret solution-oriented information; to be able to be an environmentally conscious and entrepreneurial individual
9	To be able to follow, evaluate and implement new developments and applications in the cultivation of medicinal and aromatic plants independently or as a team.

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

	L1	L2	L4	L8
P1	5			
P2		5	5	
P3				5
P9				5