AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	General Fruit Growing								
Course Code	ZYD103			Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To teach the basic knowledge about the types of fruit cultivation techniques, production techniques, problems and solutions encountered in the production technics								
Course Content	Making botanical classification of fruit species, growing conditions and climate, physiology, production, and the establishment of the garden, fruit species, varieties introduced. In addition, the marketing of fruits and obtain the product as a cultural, economic transactions will be studied.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Ins. Leyla EKEN								

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

Recommended or Required Reading	
1	Genel Meyvecilik.Soylu A., R.,Gerçekçioğlu, Ş., Bilgener, Nobel Yayın, 2008.

Week	Weekly Detailed Course Contents	
1	Theoretical	Classification of the botanical species of fruit, fruit production regions of our country are scrutinized based on
2	Theoretical	Fruit cultivation temperature, humidity, light, fog and winds its importance, and ways to prevent freezing in Fruit, Fruit of the soil structure
3	Theoretical	Fruit species of flower bud formation, bud structure, physiological and morphological differentiation phases.
4	Theoretical	Fruit formation, pollination and fertilization, infertility and disputes, fruit and fruit dilution dumps, parthenocarpy, apomixis, periodicity
5	Theoretical	Fruit trees in the replication technique, generative and vegetative propagation techniques
6	Theoretical	cutting production, by grafting production, dipped production, tissue culture techniques of production
7	Theoretical	Fruit tree growing
8	Intermediate Exam	MIDTERM
9	Theoretical	The establishment of orchards, orchards annual maintenance works
10	Theoretical	Properties of growth regulators (Auxins, Stokininler, Gibberellins, Ethylene, Abscisic Acid), fruit growing areas
11	Theoretical	Pomological purpose and importance of the organs that make up the fruit, fruits classification of quality fruits
12	Theoretical	Important fruit varieties
13	Theoretical	Nutrition of fruit trees, root functions and water balance in the soil of nutrients and importance
14	Theoretical	Forms of pruning and training of fruit trees, pruning, planting, pruning and rejuvenation pruning efficiency
15	Theoretical	Harvest fruit trees, standardization, packaging, storage and marketing
16	Final Exam	FINAL EXAM

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	10	0	2	20
Midterm Examination	1	0	1	1

Final Examination	1	0	1	1
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Knows the installation of fruit garden facility.
2	To be able to create solutions for these problems
3	Knows variety selection and pomology of fruit species
4	Knows flowering type, structure, pollination and fertilization biology.
5	Knows about flower dump and periodicity.

Programme Outcomes *(Food Quality Control and Analysis)*	
1	Having basic knowledge about food products
2	Having knowledge for Production and hygiene in food products, preservation, microbiology, quality control and analysis
3	Having skills and discipline for working in the laboratory and using laboratory materials,
4	Developing positive attitudes about learning and knowledge and lifelong learning in the field.
5	Using the information and communication technologies at the level required by the work areas
6	Act in accordance with scientific, cultural and ethical values
7	Having sufficient consciousness about environmental protection, occupational health and safety issues.

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

	L1	L2	L3	L4	L5
P6	2	3	2	3	2
P7	4				