



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Garden Plants							
Course Code		TRİ205		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	74 (Hours)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		It is aimed to introduce the types of fruits, vegetables, ornamental plants, vineyards which take place in Horticulture and to give a brief description about the cultivation.							
Course Content		Learn general information about garden Plants Cultivation, Definition and classification of horticultural plants,the economic significance of the biological properties(flowers, seeds and fruit structure, formation, pollination and fertilization, parthenocarpy, apomixis), physiology, ecology requests, duplication, vineyards and orchards, annual maintenance works, storage and marketing of garden plants products.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, 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	Genel Bahçe Bitkileri, AĞAOĞLU, S., ÇELİK, H., ÇELİK, M., FİDAN, Y., GÜLŞEN, Y., GÜNAY, A., HALLORAN, N., KÖKSAL, İ., YANMAZ, R., 2010.
2	Bahçe Bitkileri, MACİT, F., ÖZÇAĞIRAN, R., İLTER, E., KARAÇALI, İ.

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and classification of horticultural plants
	Practice	Field practice
2	Theoretical	The importance of horticulture in economy and human nutrition.
	Practice	Field practice
3	Theoretical	Biological characteristics of Horticultural Crops
	Practice	Field practice
4	Theoretical	Physiology
	Practice	Field practice
5	Theoretical	Ecological requirements of Horticultural Crops
	Practice	Field practice
6	Theoretical	Ecological requirements of Horticultural Crops
	Practice	Field practice
7	Theoretical	General information about the reproduction of Horticultural Crops (generative replication)
	Practice	Field practice
8	Intermediate Exam	Midterm exam
9	Theoretical	General information about the reproduction of Horticultural Crops (vegetative replication)
	Practice	Field practice
10	Theoretical	General information about the annual maintenance gardens
	Practice	Field practice
11	Theoretical	General information about the annual maintenance gardens
	Practice	Field practice
12	Theoretical	Harvest and post harvest in horticultural crops
	Practice	Field practice
13	Theoretical	Storage and preparation of products to the market
	Practice	Field practice
14	Theoretical	General information about gardens and vineyards plant



14	Practice	Field practice
15	Theoretical	Growth regulators in horticultural crops production
	Practice	Field practice
16	Final Exam	FINAL EXAM

**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Reading	2	0	15	30
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				74
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	Comprehend the classification of horticultural crops, biological and physiological characteristics
2	Recognize the ecological requirements of Garden Plants
3	Comprehend the reproduction of Horticultural Crops and the vineyard-garden plant.
4	Comprehend and apply the cultural practices used during the production
5	Comprehend the criteria and time of harvest products, preservation methods,
6	Find solutions to the problems in garden plants cultivation.

**Programme Outcomes (Agricultural Management)**

1	To be able to comprehend the basic management, economy and agricultural management
2	To be able to acquire basic information in excessive, profitable and quality production of vegetable and animal products
3	To be able to manage production in factory, to prepare project and to keep business records
4	To be able to develop solutions in agricultural management
5	To be able to comprehend optimally preparation and marketing in agricultural foods process
6	To be able to follow professional developments and to acquire knowledge to use technological resources
7	To be able to reach the scientific data using computer and the internet
8	To be able to determine the problem about agricultural management, to analyze, to develop solutions and suggestions
9	To be able to comprehend Atatürk Principle and Revolution
10	To be able to take precautions about the problems related to first aid and occupational safety in the enterprise, to solve the problems
11	To be able to use Turkish well, to communicate orally and in writing, to have knowledge of professional ethics and responsibility

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

	L1	L2	L3	L4	L5	L6
P1	2	2	4	4	2	
P2			4	4	3	
P3			4	4	3	
P4			4			3
P5					5	
P7					5	5
P8			3	3	2	4

