



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Introduction to Horticulture							
Course Code		BB111		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	74 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to introduce the students fruit, vegetable, ornamental plant and grape species and to teach them the basic information on growing.							
Course Content		The importance of horticulture; historical development of horticulture; biological characters of horticulture plants; ecological requirements of horticulture plants; the propagation techniques in horticulture plants; the growing techniques of horticulture plants.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Lec. Burak Erdem ALGÜL, Lec. Gülsüm KARAKAYA							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Çelik, H., Ağaoğlu, S., Fidan Y., Maraslı, B., Söylemezoğlu, G., 1998. Genel Bağcılık. Sunfidan Mesleki Kitapları Serisi 1.253 s. Ankara.
2	Jules, J. 1986. Horticulture Science. 746 p. Publisher: W. H. Freeman; 4th edition West Lafayette, Indiana, USA.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction, general descriptions, classifications of fruit species.
2	Theoretical	The importance and the place of Horticulture in economy of country.
3	Theoretical	Biological characters.
	Practice	Sample collection and examination
4	Theoretical	Ecological characters.
5	Theoretical	Physiology of horticulture plants.
6	Theoretical	The propagation of Horticulture-1 (generative).
	Practice	The preparation of seeds and their plantings.
7	Theoretical	The propagation of Horticulture-2 (vegetative).
	Practice	Preparation of cuttings and their planting.
8	Theoretical	The propagation of Horticulture-3 (vegetative).
	Practice	Preparation of cuttings and their planting.
9	Theoretical	Orcharda and vineyard establishment.
10	Intermediate Exam	Midterm exam
11	Theoretical	Annual maintenance works in Horticulture .
	Practice	Pruning applications.
12	Theoretical	Storage and marketing on Horticulture plants.
13	Theoretical	Plant growing regulators in Horticulture.
	Practice	Applications of hormones for rooting and fruit set.
14	Theoretical	Technical trip.
15	Theoretical	Practicess exam.
16	Final Exam	Final exam.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Midterm Examination	1	5	1	6



Final Examination	1	10	2	12
Total Workload (Hours)				74
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to have knowledge about Horticulture.
2	To be able to propagate some plants.
3	To be able to comprehend the establishment and maintenance of orchards or vineyards.
4	
5	

Programme Outcomes (Horticulture)

1	Ability to examine agricultural problems under the light of basic science, mathematics, and agriculture knowledge
2	Ability to plan and apply in different agricultural systems in horticultural crop plants
3	To constitute and realize breeding programmes according to market demands
4	Ability to propagate any kinds of stock materials in horticultural crop plants
5	Ability of transfer of modern technologies to production
6	Ability to have a consciousness of quality in production, storage, and evaluation in horticultural crop plants (To measure, evaluate, and manage different quality parameters)
7	To think analytically of protecting, providing transfer to future, and having responsibility to environment of all plant materials belong to horticultural crop plants area
8	Ability to search, think analytically, reach to knowledge, and obtain solution for solving of agricultural problems (Project, homework, thesis, summer training)
9	Ability to be aware of agricultural problems, to follow them, and to communicate own ideas of these subjects by verbal and written ways (Turkish, social course)
10	To be able to perform in a teamwork
11	Ability to work independently, give decision, and Express own thoughts by occupational-ethic values verbal and written ways in horticultural crop plants
12	Ability to think creatively, innovatively, and analytically, to comprehend the need of lifelong learning, be a part of a related subjects in a web of communication, and to develop by social means

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

	L1	L2	L3	L4	L5
P1	4	4	4	4	4
P4		5		4	4
P5			4	5	5
P7		4		4	4
P8	4		5	5	5
P11	3		4	4	4

