



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Principles of Greenhouse							
Course Code		BB212		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	79 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to provide to students the gaining skills and information about planning and administration of greenhouse management, finding a solutions by analytical thinking when encountered, evaluating of greenhouse x environment effects.							
Course Content		Greenhouse and green housing definition, green housing in the World and Turkey. Greenhouse classification. The effective factors on greenhouse site selection. The subjects taking care in setting of greenhouse. The information about climatizing, soil preparation, vegetable growing and seedling propagation in greenhouse.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)		Prof. Uğur ŞİRİN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Sevgican, A., 1999. ÖrtüAltı Yetiştiriciliği Cilt I ve II,
2	Tüzel Y., Gül A., 2008. Seralarda İyi Tarım Uygulamaları. Tıbyan Yayıncılık, 172 s.
3	Tüzel Y., Gül A., Eltez R.Z., 2005. Seracılıkta Çevre Dostu Üretim Teknikleri. Bahçe Bitkileri Tarımında Çevre Dostu Üretim Teknikleri (Ed. A. Gül), Meta Basım, Bornova İzmir: 111-140.
4	Titiz S., 2004. Modern Seracılık: Yatırımcıya Yol Haritası. Ansiad, Antalya, 124 s.
5	Protected Cultivation in Mediterranean Climate. FAO Plant Production and Protection Paper 90., 1990.

Week	Weekly Detailed Course Contents	
1	Theoretical	eng
	Preparation Work	e
2	Theoretical	en
	Preparation Work	e
3	Theoretical	e
4	Theoretical	e
5	Theoretical	e
6	Theoretical	e
7	Theoretical	e
8	Theoretical	Mid-term Exam
9	Theoretical	e
10	Theoretical	e
11	Theoretical	e
12	Theoretical	e
13	Theoretical	e
14	Theoretical	e
15	Theoretical	e

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Lecture - Practice	14	1	1	28
Term Project	1	3	1	4



Quiz	5	0	1	5
Midterm Examination	1	3	1	4
Final Examination	1	9	1	10
Total Workload (Hours)				79
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	
5	
6	
7	

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	L6	L7
P1	5	5	5	5	5	5	5
P2	5	5	5	5	5	5	5
P3		1	3		2	1	2
P4	3	3	2	1			3
P5	5	5	5	5	5	5	5
P6	2	2	2		2	3	3
P7	1	1				5	5
P8	5	5	5	3	4	5	5
P9	5	5	5	3	4	3	4
P10	2	4	3	3	3	3	5
P11	5	5	5	4	4	4	5
P12	5	5	5	3	3	4	5

