AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Principles of Greenhouse								
Course Code	BB212		Couse 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. Tibyan 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	
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Programme Outcomes *(Agricultural Biotechnology)*	
1	To be able to develop skills in identifying, modeling and solving problems in agricultural biotechnology
2	To be able to synthesize life and engineering sciences for the effective resource planning of agricultural biotechnology applications
3	To be able to interpret about living organisms structure, metabolic and physiological processes in order to propose biotechnological solutions to the agricultural problems
4	To be able to analyze genomic, metabolomic and proteomic information via bioinformatic tools.
5	To have the ability to analyze collected data and interpret the results.
6	To have the ability of individual working ability and to make independent decisions, to work in inter-disciplinary and interdisciplinary teamwork, to communicate by expressing their ideas orally and in writing, clearly and concisely
7	To have the awareness of professional liabilities and ethics
8	To be able to follow current national and international problems

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	1	1	1	1	1	1	3
P2	2	2	2	1	1	2	2
P3	2	2	2	2	2	2	2
P4	1	1	1	1	1	1	2
P5	2	1	2	2	2	2	3
P6	2	1	2	2	3	3	5
P7	3	2	3	2	3	3	4
P8	3	2	3	2	2	3	5