



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Stress Physiology in Horticulture							
Course Code		ZBB615		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course to students to provide to find solution methods and reasons of some problems encountered in plant growing by learning information about stress physiology .							
Course Content		Definition of stress, abiotic stress factors, its reasons and effects on plants.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Ağaoğlu, S., Çelik, H., Çelik, M., Fidan, Y., Gülşen, Y., Günay, A., Halloran, N., Köksal, A.İ., Yanmaz, R. Genel Bahçe Bitkileri, A. Ü. Z.F. Eğitimi araştırma ve Geliştirme vakfı yayınları No. 5, 369 s., 2001.
2	Gerçekçioğlu, R., Bilgener, Ş., Soylu A., Genel Meyvecilik, Nobel Yayın Dağıtım Ltd. Şti., 480 s., 2008.
3	Hartmann, T.H., Plant Propagation Principles and Practices Prentice Hall, New Jersey, USA, 770 p,1997.
4	Westwood, N.M., Temperate-Zone Pomology Physiology and Culture, Timber Pres, Portland, Oregon, 523p, 1991.

Week	Weekly Detailed Course Contents	
1	Theoretical	
2	Theoretical	
3	Theoretical	
4	Theoretical	
5	Theoretical	
6	Theoretical	
7	Theoretical	
8	Intermediate Exam	
9	Theoretical	
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	
15	Theoretical	
16	Final Exam	

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	2	84
Midterm Examination	14	3	1	56
Final Examination	1	9	1	10
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (*Horticulture Doctorate*)

1	To be able to have scientific value on the targeted area, research planning and conducting practices
2	To be able to plan, conduct, coordinate, and apply of research
3	Ability to literature search and record the obtained knowledge systematically
4	Ability to present research results and discussion
5	Ability to write a scientific article
6	Having a status to open-minded for life-long learning

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
P2	4	4	4	5	5
P3	4	4	4	5	4
P4	4	4	4	4	4
P5	4	4	4	4	4
P6	5	5	5	5	5

