

PLANT PHYSIOLOGY

1	Course Title:	PLANT PHYSIOLOGY
2	Course Code:	ORGS228
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	Compulsory
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör.Dr. SEVİNÇ BAŞAY
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	E-mail: sevincbasay@uludag.edu.tr Phone: +90 224 817 30 10 / 62416 Uludağ Üniversitesi, Orhaneli Meslek Yüksekokulu
17	Website:	
18	Objective of the Course:	The aim of this course is to provide information about the physiological events of horticultural plants
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Being able to comprehend about the basic physiological processes in Horticulture
	2	Being able to comprehend plant structure; cell and organelles with specialized functions
	3	Being able to comprehend the structure and properties of water, its importance and place in horticultural plant growing
	4	Being able to comprehend how acquisition and using of mineral nutrients by plants.
	5	Being able to comprehend the reactions carried out in transpiration and photosynthesis
	6	Being able to comprehend how the respiration is metabolically occurred in plants
	7	Being able to comprehend the physiological events in plants caused to flower development
	8	Being able to comprehend germination physiology, internal and external factors affected the germination, dormancy
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21	Course Content:	

	Course Content:	
Week	Theoretical	Practice
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22	Textbooks, References and/or Other Materials:	Eris, A. Physiology of Horticultural Crops. Uludag University Agricultural Faculty Lecture Notes No.: 11
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBE	WEIGHT		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical				
Home Work-project	0	0	0.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preperation	2	1	0.00	28.00
Homeworks		0	0.00	0.00
Success Grade Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Mid term exams		1	14.00	14.00
Others		0	0.00	0.00
Course Final Exams		1	20.00	20.00
Total Work Load				104.00
Total work load/ 30 hr				3.00
ECTS Credit of the Course				3.00

[illegible]

ÖK5	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	5	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			