	PLANT PHYSIOLOGY												
1	Course Title:	PLANT	PHYSIOLOGY										
2	Course Code:	ORGS2	28										
3	Type of Course:	Optional											
4	Level of Course:	Short Cy	ycle										
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:	Compuls	sory										
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:		<u> </u>										
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										
		9											
		10											
21	Course Content:												

Homelewical project	Course Content:																				
2 3 3 4 5 5 6 6 7 7 8 8 9 9 10 10 11 11 12 13 14 14 15 14 15 15 15 15)	ractice	Р	Theoretical											
3																					
A																					
S S S S S S S S S S																					
Contribution Cont																					
Textbooks, References and/or Other																	5				
S 9 10 11 12 13 14 22 Textbooks, References and/or Other Materials: University Agricultural Faculty Lecture Notes No.: 23 Assesment TERM LEARNING ACTIVITIES NUMBE WEIGHT Number Duration (hour) Total Load Total Work Load Duration (hour) Total Load Duration (hour) Total Load Duration (hour) Total Work Load Duration (hour) Total Load Duration (hour) Total Work Load Duration (hour) Duration (hour) Total Work Load Duration (hour) Duration (hour) Total Work Load Duration (hour) Duratio																	6				
9									Т								7				
10																					
11																	9				
12																					
13																	11				
Textbooks, References and/or Other Eris, A. Physiology of Horticultural Crops. Uludag Materials: University Agricultural Faculty Lecture Notes No.:																					
Textbooks, References and/or Other Eris, A. Physiology of Horticultural Crops. Uludag Materials: Assessment																					
Materials: University Agricultural Faculty Lecture Notes No.: 23 Assesment																	14				
Materials: University Agricultural Faculty Lecture Notes No.: 23 Assesment	dog	ne III	tural Cr	lorticult	av of ⊔	siolog	Dhvc	ric A [I E	Teythooks References and/or Other											
Number Duration (hour) Total Load	lag No.: 11	Notes	Lectur	aculty	Itural F	gricul	ty Aç	niversit	U	Naterials:											
Number Duration (hour) Total Load															ent	sesme	23 As				
Practicals/Labs	Total Work Load (hour)		Duration (hour)																		
Practicals/Labs 0 0.00 0.00 Selfastudy and preparation 2 1 000 2.00 28.00 Homeworks 0 0.00 0.00 0.00 Field Studies 0 0.00 0.00 0.00 Field Studies 0 0.00 0.00 14.00 14.00 Others 0 0.00 0.00 0.00 0.00 Final Work Load 1 20.00 20.00 20.00 Total Work Load 1 3.00 10	28.00		2.00			0.00					Theoretical project										
Homeworks	0.00		0.00																		
Homeworks	28.00		2.00			100.00					2			ition	repera	and pr	Ş elf⊾study				
Field Studies	00						_							S	Homework						
100.00	00		0.00			0										rade	PHYSERS C				
Others	0.00		0.00			0										es	Field Stud				
Total Work Load	14.00		14.00			100.00										ams	T Vi∉term e				
Total Work Load	00		0.00			0															
Total work load/ 30 hr 3.00	20.00		20.00			1															
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8 PQ9 PQ1 PQ11 PQ12 PQ1 PQ14 PQ15 PQ16 PQ16 PQ16 PQ16 PQ17 PQ17 PQ18 4.00																					
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8 PQ9 PQ1 PQ11 PQ12 PQ1 PQ14 PQ15 ÖK1	3.00										Total work load/ 30 hr										
QUALIFICATIONS PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8 PQ9 PQ1 PQ11 PQ12 PQ1 PQ14 PQ15 ÖK1 4 0 0 3 0 <th>00</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th colspan="11">CTS Credit of the Course</th>	00									CTS Credit of the Course											
ÖK1 4 0 3 0	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME														25						
ÖK1 4 0 0 3 0 0 0 0 0 0 0 0 0 0	PQ15 PQ1	PQ14		PQ12	PQ11	21 P	1 -	PQ9	PQ	PQ7	PQ6	PQ5	PQ4	PQ3	PQ2	PQ1					
ÖK2 3 10 10 12 10 10 10 10 10 10 10 10 10	0)	-	0)	0	+	0	0	0	0	0	3	0	0	4	ÖK1				
	0)	0	0)	0	0	0	0	0	0	0	2	0	0	3	ÖK2				
ÖK3 4 0 0 3 0 0 0 0 0 0 0 0 0	0)	0	0)	0	0	0	0	0	0	0	3	0	0	4	ÖK3				
ÖK4 2 0 0 5 0 0 0 0 0 0 0 0 0	0)	0	0)	0	0	0	0	0	0	0	5	0	0	2	ÖK4				

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