

GREENHOUSE VEGETABLE GROWING

1	Course Title:	GREENHOUSE VEGETABLE GROWING	
2	Course Code:	BTKS128	
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):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr. Gör. Dr. HÜSEYİN CAN ALPSOY	
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları	
16	Contact information of the Course Coordinator:	Dr. Hüseyin Can Alpsoy hcan@uludag.edu.tr 0(224)7736042	
17	Website:		
18	Objective of the Course:	To introduce students different types of vegetables grown in greenhouses and to teach how to grow the most cultivated vegetables in the greenhouses (theoretical and practical)	
19	Contribution of the Course to Professional Development:	In greenhouses, more disease-pest problems are generally encountered due to reasons such as inadequate ventilation and soil fatigue. The student will gain experience on phytosanitary problems encountered during greenhouse vegetable cultivation, thanks to this course.	
20	Learning Outcomes:		
		1	To be able to learn and apply how greenhouse vegetables are grown in the greenhouse
		2	To be able to explain the botanical characteristics and climate requirements of greenhouse vegetables
		3	To be able to do cultural maintenance of greenhouse vegetables
		4	To calculate the number of seedlings and seed amount required for a decare greenhouse
		5	To be able to recognize and use the necessary tools and equipment for growing greenhouse vegetables and seeds
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Most widely grown vegetables in the greenhouses in Turkey and its reasons	Demonstration of vegetable species in our greenhouse
2	Greenhouse tomato cultivation	Introducing some vegetable seeds to students
3	Greenhouse tomato cultivation (continued)	Cleaning and sorting of standard seeds harvested in our application greenhouse
4	Cucumber cultivation in greenhouse	To make students carry out germination studies with vegetable seeds
5	Cucumber cultivation in greenhouse (cont.)	Testing germination times of different vegetable seeds in incubator
6	Greenhouse pepper cultivation	Demonstration of grafting of cucumber seedlings on the pumpkin we grow from seed
7	Eggplant growing in greenhouse	Technical visit (seedling company visit)
8	Melon-watermelon cultivation in greenhouse	Vegetable harvest in our greenhouse
9	Squash cultivation in greenhouse	Cultural practices in our greenhouse
10	Growing lettuce in greenhouse	Sowing lettuce seeds into viols
11	Greenhouse bean cultivation	Tomato and pepper seed broadcast sowing
12	Strawberry cultivation in greenhouse	Preparing strawberry growing sites and mulching
13	Growing of green leafy vegetables such as parsley, spring onion and rocket in greenhouses	Planting of parsley, rocket etc seeds
14	An overview	Videos about vegetable production

22	Textbooks, References and/or Other Materials:		Sevgican A.,2002. Örtü Altı Sebzeçiliği (Cilt I. Topraklı Tarım). Ege Üniversitesi Ziraat Fakültesi Yayınları No:		
Activites			Number	Duration (hour)	Total Work Load (hour)
Theoretical	R		14	1.00	14.00
Midterm Exam	4		40.00		
Practicals/Labs			14	2.00	28.00
Self study and preperation	0		14	1.00	14.00
Homeworks	0		0	0.00	0.00
Final Exam	1		00.00	0.00	0.00
Projects	0		0	0.00	0.00
Field Studies			0	0.00	0.00
Contribution of Term (Year) Learning Activities to Midterm exams			40.00	14.00	14.00
Others			0	0.00	0.00
Contribution of Final Exam to Success Grade			00.00	20.00	20.00
Final Exams			1	20.00	20.00
Total			400.00		
Total Work Load					90.00
Measurement and Evaluation Techniques Used in the Course			Measurement and evaluation is carried out according to the principles of Bursa Uludağ University associate and		
ECTS Credit of the Course					3.00

24	ECTS / WORK LOAD TABLE
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	1	1	1	1	1	1	2	1	2	2	0	0	0	0	0	0
ÖK2	2	1	1	1	1	1	2	1	2	1	0	0	0	0	0	0
ÖK3	1	2	1	1	1	2	2	2	3	2	0	0	0	0	0	0
ÖK4	1	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0

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