

## GROWING OF CUT FLOWER-I

1	Course Title:	GROWING OF CUT FLOWER-I
2	Course Code:	SBYZ303
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	3
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:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. Dr. YILMAZ DORUK
15	Course Lecturers:	Öğr.Gör.Dr.Yılmaz DORUK
16	Contact information of the Course Coordinator:	yzdoruk@uludag.edu.tr, 02242942374, U.Ü.Teknik Bilimler Meslek Yüksekokulu B Blok-Görükle Kampüsü/Bursa
17	Website:	
18	Objective of the Course:	The aim of this course is to help the students to recognize cut flowers(Carnation,Cut Chrysanthemums,Roses,Gerberas,Lisianthus,Cut Antirrhinum,Gypsophilla etc), comprehend the latest technological developments, understand the basics of multiplication and give the ability to design realize and solve the problems of production and to make them understand the importance of quality, postharvest storage and marketing of cut flowers.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Being able to explain the economic importance of some cut flowers
	2	Being able to comprehend the relationship between the future prospects of sector and production (desing)
	3	Being able to apply the propagation of cut flowers .
	4	Being able to learn the application of modern Technologies in cut flowers .
	5	Being able to have a skill about the problem solving.
	6	Carnation,Cut Chrysanthemums,Roses,Gerberas,Lisianthus,Cut Antirrhinum and Gypsophilla cultivation( History, classification, propagation, soil preparation, growing media, nutrition and fertilization, transplanting. botanical information, ecological demands Plant culture, insects, diseases, physiological disorders, postharvest handling, harvesting, postharvest care etc.)
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21	Course Content:			
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Week	Theoretical	Practice		
1	Cut flower sector and the importance			
2	Carnations cultivation.Classification, botanical information ecological demands, Propagation/plants culture, harvest,storage and marketing.			
3	Carnations cultivation (Continued)			
4	Rose cultivation(History botanical information, propagation)			
5	Rose cultivation (growing media, nutrition and fertilization, transplanting, watering, temperature, light, pruning,harvesting, postharvest handling)			
6	Cut chrysanthemum cultivation (, classification, propagation, ecological requirements)			
7	Cut chrysanthemum cultivation (soil preparation, planting ,plant culture, additional lighting,darkening harvest,postharvest care)			
8	Course review and Mid-term exam			
9	Gerbera cultivation( classification, propagation, ecological requirements, growing media, nutrition and fertilization,			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preparation		14	4.00	56.00
Homeworks		1	16.00	16.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exams		1	12.00	12.00
Others		1	26.00	26.00
Final Exams		1	12.00	12.00
Total Work Load				150.00
Total work load/ 30 hr				5.00
22	Textbooks. References and/or Other	1	Forcing Flower Bulbs	International Flower Bulb Center.
ECTS Credit of the Course				3.00
		2)Yürekli, A., Süs Bitkileri (Soganır, Yumrulu, Kızornu Bitkilerde Üretim, Doku Kültürleri ile Üretim), Anadolu Üniversitesi Yayınları No: 904, Eskişehir, 1996. 3) Korkut, A.B. Çiçek Yetiştiriciliği, Hasat Yayınları, İstanbul, 1998. 4) Larson, R.A. Introduction to Floriculture. Academic press. 1980. 5) Mercurio, G., 2007. Cut rose cultivation around the world. First Editon, 256p, Schreurs, The Nedherlands. 6) Mercurio, G., 2002. Gerbera Cultivation in Greenhouse. Schrerurs, 206p, Italy. 7) Karagüzel, O., A.B. Korkut, B. Özkan, F.G. Çelikel, S. Titiz 2010. Süs bitkileri üretiminin bugünkü durumu, geliştirilme olanakları ve hedefleri. Ziraat Mühendisliği VII. Teknik Kongresi. Bildiriler		
23	Assesment			

