

INTRODUCTION TO HORTICULTURE

1	Course Title:	INTRODUCTION TO HORTICULTURE	
2	Course Code:	GBUP113	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	1	
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. MURAT ÇETİN	
15	Course Lecturers:	Öğr. Gör. Murat Çetin	
16	Contact information of the Course Coordinator:	E-posta: muratcetin@uludag.edu.tr Telefon: 0 224 5123491 Adres: Uludağ Üniversitesi, Gemlik Asım Kocabıyık M.Y.O., Gemlik, Bursa	
17	Website:		
18	Objective of the Course:	To acquire general information about the cultivation of garden plants, to be able to know garden plants grown in the world and Turkey, to learn the ecological requirements, multiplication and breeding of important garden plants for our country.	
19	Contribution of the Course to Professional Development:	To have a preliminary idea about the subjects to be educated with this course, which is a short summary of the departmental courses.	
20	Learning Outcomes:		
		1	Can recognize Horticultural crops and knows their importance
		2	Learn ecological factors desired for growing of horticultural crops and recognize horticultural crops according to agricultural regions
		3	Learn biological and physiological bases
		4	Receive information about general production techniques and learn how to propagate fruit and vegetable species
		5	Learn cultural practices applied during production and application of cultural practices during various developmental stages
		6	Make decision when and how to harvest
		7	Receive information about post harvest storage methods and their applicability to various horticultural crops.
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Place of Garden Plants in Turkish and World agriculture	
2	Ecological factors in the growth of horticultural plants.	
3	Biological basis of horticultural plants.	
4	Physiological principles of horticultural plants.	
5	Generative production in garden plants.	
6	Vegetative production methods in horticultural plants.	
7	midterm exam	
8	Tillage in Horticultural Plants.	
9	Pruning and dressing in garden plants.	
10	Fertilization and irrigation in garden plants.	
11	Combat and chemical applications in horticultural plants.	
12	Flowering, pollination and fertilization in fruit trees.	
13	Maturity and harvesting in garden products.	
14	Storage of Garden Products.	
22	Textbooks, References and/or Other Materials:	
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
		WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		midterm and final exam
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	10	2.00	20.00
Homeworks	0	0.00	0.00
Projects	10	2.00	20.00
Field Studies	10	2.00	20.00
Midterm exams	1	3.00	3.00
Others	0	0.00	0.00
Final Exams	1	5.00	5.00
Total Work Load			96.00
Total work load/ 30 hr			2.93
ECTS Credit of the Course			3.00

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	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
ÖK3	5	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	5	0	0	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			