

## PRUNING TECHNIQUES

<b>1</b>	Course Title:	PRUNING TECHNIQUES	
<b>2</b>	Course Code:	BAH3109PDS	
<b>3</b>	Type of Course:	Optional	
<b>4</b>	Level of Course:	First Cycle	
<b>5</b>	Year of Study:	3	
<b>6</b>	Semester:	5	
<b>7</b>	ECTS Credits Allocated:	3.00	
<b>8</b>	Theoretical (hour/week):	1.00	
<b>9</b>	Practice (hour/week):	2.00	
<b>10</b>	Laboratory (hour/week):	0	
<b>11</b>	Prerequisites:	----	
<b>12</b>	Language:	Turkish	
<b>13</b>	Mode of Delivery:	Face to face	
<b>14</b>	Course Coordinator:	Prof. Dr. ÜMRAN ERTÜRK	
<b>15</b>	Course Lecturers:	Doç.Dr.Cevriye Mert	
<b>16</b>	Contact information of the Course Coordinator:	E-posta: umrane@uludag.edu.tr Telefon: 0 224 2941471 Adres: Uludağ Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Görükle Kampüsü, 16059 Nilüfer, Bursa	
<b>17</b>	Website:		
<b>18</b>	Objective of the Course:	To gain experiences and get information about pruning fruit trees and training systems.	
<b>19</b>	Contribution of the Course to Professional Development:		
<b>20</b>	Learning Outcomes:		
		<b>1</b>	Get to know pruning, aims and can comprehend the effects.
		<b>2</b>	To be able to learn pruning times.
		<b>3</b>	To put into practice the training forms that applied to fruit trees.
		<b>4</b>	To be able to learn technical operations that applied in pruning.
		<b>5</b>	To know pruning and training forms that applied to different fruit species.
		<b>6</b>	To learn pruning methods that applied in different age periods of trees.
		<b>7</b>	To get information about pruning tools and machinery.
		<b>8</b>	
		<b>9</b>	
		<b>10</b>	
<b>21</b>	Course Content:		
		<b>Course Content:</b>	
<b>Week</b>	<b>Theoretical</b>	<b>Practice</b>	
<b>1</b>	Get to know pruning The aims of pruning	Promoting the pruning tools and equipments that used in pruning.	

2	Negative effects that occurred with pruning in fruit trees, Environmental and Cultural Causes which required to pruning	Promoting the general anatomic structure of fruit trees.
3	Nature growing habit and flower bud formation in different species and cultivars	Pruning applications in vegetable growing.
4	Pruning Effects	Showing the summer pruning applications (bark ringing, pinch pruning, nicking,)
5	Pruning Times	Showing tie- angle of branch - decreasing the angle of branch processes
6	Pruning Types	Showing pruning in planting time
7	Repeating courses and midterm exam	Goble and Modified leader systems
8	Pruning forms and cultivation systems that applied to fruit trees.	palmette and pramide systems
9	Pruning forms and cultivation systems that applied to fruit trees	Pruning Applications in Vineyards
10	Pruning forms and cultivation systems that applied to different fruit species	Pruning applications in ornamental plants
11	Pruning forms and cultivation systems that applied to different fruit species.	yield pruning in the mature trees (pome fruits)
12	Pruning forms and cultivation systems that applied to different fruit species.	yield pruning in the mature trees (nut fruits)
13	In mature of trees pruning	yield pruning in the mature trees (nut fruits)
14	In mature of trees pruning	Practice Examination
22	Textbooks, References and/or Other Materials:	Training and Pruning Apple and Pear Trees (C.G Forshey, D.C Elfving,R. L. Stebbins). Pruning Fruit and Nut Trees (Leaflet 21171,University of California). Pruning & Training. A Fully Illustrated Plant by Plant Manual (C. Brickell, D. Joyce)
23	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		<b>NUMBE R</b>
		<b>WEIGHT</b>
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		
24	<b>ECTS / WORK LOAD TABLE</b>	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	2.00	28.00
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Field Studies	6	1.00	6.00
Midterm exams	1	2.00	2.00
Others	0	0.00	0.00
Final Exams	1	2.00	2.00
Total Work Load			92.00
Total work load/ 30 hr			3.00
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
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contrib ution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			