

Discipline	<i>FRUIT PRODUCTION, PART 2</i> code: 37      summer semester			
Specialty	AGRONOMY			
ECTS credits: 6	Form of assessment: Exam			
Lecturer	Prof. Miroslav Ivanov, PhD Room: NUK 317a Phone: +359 52 385 725 E-mail: miro_ivanov56@abv.bg			
Department	PLANT PRODUCTION			
Faculty	<i>FACULTY OF MECHANICAL ENGINEERING AND TECHNOLOGIES</i>			
Annotation:				
<p>The study of the discipline "Fruit Production – part 2" is connected to a great extent with the appropriate conditions for cultivation of the main fruit production in our country. Particularly suitable in this regard is the Black Sea region, where soil conditions allow for the cultivation of apples, peaches, almonds and apricots, as well as a number of Mediterranean and subtropical crops such as fig, pomegranate, actinidia and fistas. Through the acquired knowledge, agronomists will be prepared to develop research projects, business plans and long-term strategies on a national and global scale. At the same time, they can be successfully implemented in local, national and international production, trade and research organizations involved in the production and marketing of fruit.</p>				
CONTENTS:				
Training Area			Hours lectures	Hours seminar exercises

Creation of orchards	2	
Soil surface maintenance systems.	2	
Fertilization of fruit plants.	4	
Irrigation of fruit plants.	4	
Pruning of fruit plants part I.	2	
Pruning of fruit plants part II.	3	
Pruning of fruit plants Part III.	4	
Fruit types I part.	2	
Fruit types part II.	2	
Fruit types III part.	3	
Harvesting and storage of the fruit	2	
Create a plantation project.		2
Marking of a new plantation.		2
Planting fruit trees.		4
Determining the required fertilizer rates.		2
Determination of irrigation rates and irrigation terms		2
Pruning of fruit plants.		2
Formation of an improved storey crown.		4
Formation of a freely growing crown.		4
Formation of a spindle-shaped crown.		4
Formation of a cup-shaped crown.		4
<b>TOTAL: 60 h</b>	<b>30</b>	<b>30</b>