



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Fiber Crops							
Course Code		TB407		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Instructing the growing techniques by introducing fiber plants							
Course Content		Classification and importance of fiber crops, in the world and our country acreage, production, yields, history, origin, systematic, morphological and physiological characteristics, climate and soil requirements, crop rotation, soil preparation, varieties and seed, sowing, cultural practices (hoeing, fertilizing, irrigation, etc.), harvesting.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)		Prof. Mustafa Ali KAYNAK							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	1. Mert, M., 2009. Lif Bitkileri. Nobel Bilim ve Araştırma Merkezi, Ankara.
2	2. Günel, E., 1993. Lif Bitkileri Yetiştirme Tekniği. YYÜ. Ziraat Fakültesi Yayınları No:6
3	3. İncekara, F., 1971. Lif Bitkileri ve Islahı. E.Ü.Z.F.Yay.No:65.İZMİR

Week	Weekly Detailed Course Contents	
1	Theoretical	Classification and importance of fiber crops
	Practice	literature review
2	Theoretical	Importance of cotton, it's history, systematic and species
	Practice	introduction of plant
3	Theoretical	Planting area of cotton, production, yield, importing, exporting and consuming
	Practice	introduction in field experiments
4	Theoretical	Morphologic characteristics of cotton
	Practice	introduction in field experiments
5	Theoretical	Climate and soil properties for cotton growing, rotation
	Practice	introduction of plant ve seed
6	Theoretical	Soil preparation for cotton growing, cultivars, seed preparation and sowing
	Practice	introduction of varieties
7	Theoretical	Cultural practices (hoeing, fertilizing, irrigation, etc.)
	Practice	introduction of varieties
8	Theoretical	Chemicals to help harvest
	Practice	survey in the research and application farm
9	Theoretical	Harvest
	Practice	presentation of instrument equipment
10	Practice	introduction of plant ve seed
	Intermediate Exam	Midterms exam
11	Theoretical	Importance of flax, it's history, systematic, production statistics, morphologic characteristics
	Practice	introduction of plant ve seed
12	Theoretical	Cultivation of flax
	Practice	introduction of plant ve seed
13	Theoretical	Importance of hemp, it's history, systematic, production statistics, morphologic characteristics
	Practice	introduction of plant ve seed
14	Theoretical	Cultivation of hemp



14	Practice	introduction of plant ve seed
15	Theoretical	morphologic characteristics and cultivation of other fiber crops
	Practice	survey in the research and application farm
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Midterm Examination	1	7	2	9
Final Examination	1	8	2	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. To be able to evaluate the importance of fiber crops in field crops production
2	2. To be able to have sufficient information on growing techniques for productive, high quality and an economic production
3	3. To be able to synthesize analytical think analytically and find solution by monitoring developments on growing techniques
4	4. To be able to solve the problems in the fiber crops production
5	5. To be able to reveal the production potential of fiber crops in Turkey

Programme Outcomes (Agricultural Biotechnology)

1	To be able to develop skills in identifying, modeling and solving problems in agricultural biotechnology
2	To be able to synthesize life and engineering sciences for the effective resource planning of agricultural biotechnology applications
3	To be able to interpret about living organisms structure, metabolic and physiological processes in order to propose biotechnological solutions to the agricultural problems
4	To be able to analyze genomic, metabolomic and proteomic information via bioinformatic tools.
5	To have the ability to analyze collected data and interpret the results.
6	To have the ability of individual working ability and to make independent decisions, to work in inter-disciplinary and interdisciplinary teamwork, to communicate by expressing their ideas orally and in writing, clearly and concisely
7	To have the awareness of professional liabilities and ethics
8	To be able to follow current national and international problems

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	3	4	2
P2	4	4	4	3	5
P3	5	4	3	5	3
P4	3	3	2	4	4
P5	3	3	3	5	4
P6	3	3	5	4	5
P7	4	2	5	4	3
P8	4	2	5	3	5

