



**AYDIN ADNAN MENDERES UNIVERSITY**  
**SÖKE VOCATIONAL SCHOOL**  
**TEXTILE CLOTHING FOOTWEAR AND LEATHER**  
**TEXTILE TECHNOLOGY**  
**COURSE INFORMATION FORM**

Course Title	Cotton Production								
Course Code	TTİ229	Course Level			Short Cycle (Associate's Degree)				
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Cotton Species and their properties								
Course Content	Developments in Cotton Production in Turkey, consumption of cotton and textile industry developments, Cotton Production Cost and Revenue producer in Turkey Experienced in Developments, Turkey Cotton prices by the World Cotton Price Development, Organic Advantages and disadvantages of cotton production and conventional cotton cultivation, Organic Agricultural legislation, conventional agricultural systems in cotton, good agricultural practices and Sustainability, colored cotton and self-dyed fibers will be covered.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Project Based Study								
Name of Lecturer(s)									

#### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

#### Recommended or Required Reading

1	Tugay, M. E. 1998. Field Crops. Gaziosmanpaşa Univ. Faculty of Agriculture Publications Tokat
2	Kirtok, Y., 1993. General Field Crops, Çukurova University. Faculty of Agriculture Course Book, Adana

Week	Weekly Detailed Course Contents	
1	Theoretical	History of Cotton Production Today
2	Theoretical	Cotton Agriculture and Production Turkey proposed Genotypes
3	Theoretical	Organic Cotton Production potential in Turkey and the World
4	Theoretical	Seed and field preparation
5	Theoretical	Plant Growth and Development
6	Theoretical	Plant Frequency, Dilution
7	Theoretical	Dominant weed control and anchor in cotton cultivation
8	Theoretical	Midterm
9	Theoretical	Fertilization and Irrigation
10	Theoretical	Flaking and Drying Methods
11	Theoretical	Cotton Harvesting by Hand (Worker)
12	Theoretical	Cotton Harvesting Machine, Cotton Harvesting Machines
13	Theoretical	Harvest Losses, Moisture of Mass Cotton and Balance Formation
14	Theoretical	Cotton Storage Conditions

#### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42



Assignment	4	2	1	12
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows the history of cotton genotypes.
2	Learn Cotton Types and Properties.
3	Learns seed and field preparation.
4	Learns the development process and care of cotton.
5	Learns cotton harvesting and storage.

### Programme Outcomes (Textile Technology)

1	Distinguishing textile fibers
2	Obtaining a sample thread
3	Obtaining a sample woven fabric
4	Obtaining a knitted fabric ( Jersey)
5	Carring out overall discipline operations
6	Garment-making operations
7	Obtaining cotton thread
8	Obtaining cotton thread
9	Obtaining cotton thread
10	Obtaining wool thread
11	Obtaining filament thread
12	Obtaining staple thread
13	Obtaining fancy thread
14	Obtaining thread by means of new apining techniques
15	Performing fibre tests
16	Performing thread tests
17	Implementing Quality Assurance System
18	Making statistical calculations
19	Making projects
20	Practicing in a spinning mill

### 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	4	4			
P7	2	2			
P8	2	2			
P9	2	2			
P14	2	2			
P15	4	4			
P19	5	5	5	5	5
P20	3	3			

