



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Ginning Technology							
Course Code		TTi231		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	79 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Ginning machines, baling technology and appropriate storage systems to provide learning.							
Course Content		Ginning machines, the effect of ginning on the quality of cotton, baling technology, cotton wool, fiber cotton and seed storage							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Project Based Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Lakweta, A., 2005. Inventing the Cotton Gin: Machine And Myth in Antebellum America. Jhon Hopkins Paperbaks edition
2	Oğlakçı, M., Bölek, Y., Çopur, O., 2007. Pamukta Hasat, Depolama ve Çırcırlama. Şanlıurfa Ticaret Borsası Yayınları, Yayın No: 3, Şanlıurfa, 98 sayfa.
3	Kohel, R. J., Lewis, C.F., 1984.Cotton.American Society of Agronomy Inc., No:24

Week	Weekly Detailed Course Contents	
1	Theoretical	Importance and history of ginning
2	Theoretical	Ginning systems and their properties
3	Theoretical	The ginning machine and its operation
4	Theoretical	Considerations in ginning with rolargin
5	Theoretical	Sawgin ginning machine and its operation
6	Theoretical	Points to be considered in ginning with Sawgin
7	Theoretical	Bale types
8	Theoretical	Midterm
9	Theoretical	Introduction of bale types
10	Theoretical	Bale packaging materials
11	Theoretical	Features to be considered in baling
12	Theoretical	Suitable storage systems
13	Theoretical	Inspection of storage conditions and storage of stored cotton
14	Theoretical	Storage of pressed cotton

### Workload Calculation

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



Assignment	1	5	2	7
Midterm Examination	1	14	1	15
Final Examination	1	14	1	15
Total Workload (Hours)				79
[Total Workload (Hours) / 25*] = <b>ECTS</b>				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To understand the importance of ginning
2	To be able to synthesize ginning techniques to obtain high quality and efficient cotton fiber
3	To understand the importance of baling the storage
4	To be able to propose solutions about the problems that arise in ginning, baling and storage
5	Learns the points to be considered in baling.

### 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	1				
P2	1				
P3	1				
P7	2	2	2		
P8	2	2	2		
P9	2	2	2		
P15	3	2			
P17	4		3		
P18	2				
P19	5	5	4	4	4
P20	5	4	4		

