AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	New Spinning Systems								
Course Code	TTİ205		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	4	Workload	106 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Students will be able to learn ablout the production of open end yarn, air jet yarn, dref yarn.								
Course Content	Production settings of Open End machine, settings of thread knotters at Open End machine, processing bands at Open End machine, adjusting fault detection and removal unit of Open End machine, cleaning the Open End machine, production settings of air-jet spinning machine, getting air-jet spinning machine production, setting up Dref spinning machine settings, getting Dref spinning machine to production								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	1. Open-End(AÇIK UÇ)Rotor iplikçiliği M.Nazmi ERCAN
2	Dref 2,Dref 3 Makine katologları
3	3. Hava Jetli iplik üreten makine katologları
4	4. İnternet

Week	Weekly Detailed Course Contents	
1	Theoretical	To make the production settings of Open End machine
2	Theoretical	To make the production settings of Open End machine
3	Theoretical	To make the settings of thread knotters at Open End machine
4	Theoretical	To process the band at Open End machine
5	Theoretical	To adjust fault detection and removal unit of Open End machine
6	Theoretical	To evaluate the reports of Open End machine
7	Theoretical	To clean the Open End machine
8	Theoretical	To make production settings of air-jet spinning machine
9	Theoretical	To make production settings of air-jet spinning machine
10	Theoretical	To get Air-Jet spinning mahcine production
11	Theoretical	To make the settings of thread knotter at Air-Jet spinning machine
12	Theoretical	To clean the Air-Jet spinning machine
13	Theoretical	To get Dref spinning machine to production
14	Theoretical	To maket he settings of Dref spinning machine

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Term Project	7	3	1	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
			Total Workload (Hours)	106
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Make production with Air-Jet spinning machine
2	Make Dref spinning production
3	Make Open End spinning production
4	To learn the principle of electrostatic spinning
5	Learning the principles of spinning and yarn production

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	3				
P3	1				
P4	1				
P7	3				
P8	3				
P9	3				
P10	2				
P14	5	5	5	5	5
P19	5	5	5	5	5
P20	5	5	5	5	5