



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Technology Fine Yarn							
Course Code		TT105		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	7	Workload	173 (<i>Hours</i>)	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		Students will gain the competencies of preparing the sample batch, making opening and cleaning, getting the sample comb tape, obtaining sample cer band; obtaining sample roving, obtaining spinning with the sample ring-spinning machine, to obtain spinning the sample open-end spinning machine, obtaining spinning with the coil spinning machine							
Course Content		Performing harman calculations and determine the effectiveness of the On-cleaning, strip production with the sample conb machine, preparing roving with roving frame, preparing spinning machine fort he production and spinning production, spinning production with open-end spinning machine, coil production with the winding machine							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, 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. Pamuk İplikçiliği Yalçın BOZKURT
2	2. Pamuk İplikçiliği 1-2 M. Nazmi ERCAN
3	3. Rieter ve Trützschler internet siteleri

Week	Weekly Detailed Course Contents	
1	Theoretical	Performing harman calculations and determine the effectiveness of the On-cleaning,
	Practice	Performing harman calculations
2	Theoretical	Preparation of cotton blend sample , making opening and cleaning
	Practice	Preparation of cotton blend sample , making opening and cleaning
3	Theoretical	Preparing sample cer machine for production
4	Theoretical	Obtaining stripe with sample comb machine
	Practice	Obtaining stripe with sample comb machine
5	Theoretical	Preparing sample cer machine for production
6	Theoretical	Obtaining stripe with sample cer machine
	Practice	Obtaining stripe with sample cer machine
7	Theoretical	Preparing roving machine for production
8	Theoretical	Obtaining stripe with the roving machine
	Practice	Obtaining stripe with the roving machine
9	Theoretical	Prepare the sample ring-spinning machine for production
10	Theoretical	Obtaining spinning with the ring-spinning machine
	Practice	Obtaining spinning with the ring-spinning machine
11	Theoretical	Preparing the Open-end spinning machine for production
12	Theoretical	Obtaining spinning with the Open-end spinning machine
	Practice	Obtaining spinning with the Open-end spinning machine
13	Theoretical	Prepare the sample coil machine for production
14	Theoretical	Obtaining spinning with the coil spinning machine
	Practice	Obtaining spinning with the coil spinning machine



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Lecture - Practice	14	0	1	14
Assignment	9	6	3	81
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				173
[Total Workload (Hours) / 25*] = ECTS				7
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Preparing the sample batch and making opening and cleaning
2	Obtaining the sample comb tape
3	Obtaining sample cer tape
4	Obtaining sample roving
5	Obtaining sample ring spinning
6	Obtaining sample open-end spinning
7	Obtaining sample coil

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

	L2	L3	L5
P1		1	5
P2	5	2	
P7	5	2	5
P8	5	2	5
P9	5	2	5
P10	3	2	3
P11	2	1	2
P12	3	1	2
P13	1	1	1
P14	3		3

