AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Yarn Crafts Accounts						
Course Code	TTİ221		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	76 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course							
Course Content							
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Project Based Study, 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	Çeşitli iplik makinelerine ait kinematik şemalar J.E. Booth, Textile Mathematics 1-2-3, The Textile Institute Manual of Textile Technology
2	S.Müge Yükseloğlu, İplik Meslek Hesapları Ders Notları, 2006

Week	Weekly Detailed Course Contents	
1	Theoretical	Length and weight measurement units,
2	Theoretical	Yarn numbering systems (Direct and Indirect),
3	Theoretical	Fold yarn count calculation,
4	Theoretical	Shooting in spinning
5	Theoretical	Mechanical shooting calculations, kinematic schematic shooting calculations
6	Theoretical	Ribbon production at the desired number in the draw frame and production relations in textile,
7	Theoretical	Bending law in twisting, twisting and strength relationship,
8	Theoretical	Midterm
9	Theoretical	Exemplary solutions for production calculations in card, draw frame, roving and spinning machines
10	Theoretical	Kops team filling time and traveler speed calculations, yarn plan, carded yarn plan calculations
11	Theoretical	Problems related to production calculations of carded yarn plan
12	Theoretical	Combing yarn plan and production calculations problems
13	Theoretical	Open-end rotor yarn production accounts
14	Theoretical	Woven fabric production accounts

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	4	1	2	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	
2	
3	
4	
5	

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	2				
P3					3
P7	2	4	4	4	
P8	2	4	4	4	
P9	2	4	4	4	
P10	2	4	4	4	
P15	4	4	4	4	4
P16	4	4	4	4	4
P17			3	3	3
P18				4	
P19	5	5	5	5	5
P20	5	5	5	5	5