



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

Course Title	Spinning Machines and Maintenance Technique								
Course Code	TTİ226			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	78 (Hours)	Theory	1	Practice	1	Laboratory	0
Objectives of the Course	The importance of machine maintenance, to teach the operations of a maintenance worker to make the yarn production machines work more efficiently.								
Course Content	Definition of maintenance, basic machine maintenance systems, classification of maintenance systems, forms and documents used in maintenance operations, yarn production machines (blowroom-card machine-drawframe-combing preparation machines-combing machine-roving machine-spinning machine) maintenance.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration								
Name of Lecturer(s)									

#### Assessment Methods and Criteria

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

#### Recommended or Required Reading

1	thread machine maintenance and techniques course notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of machine maintenance
2	Theoretical	General principles of machine maintenance
3	Theoretical	Basic machine maintenance systems
4	Theoretical	Classification of maintenance systems
5	Theoretical	Maintenance, demand and authorization procedure
6	Theoretical	Cleaning of yarn machines
7	Theoretical	Lubrication in spinning machines
8	Theoretical	Midterm
9	Theoretical	Maintenance of blowroom machines
10	Theoretical	Carding machines
11	Theoretical	Maintenance of the roving frame
12	Theoretical	Combing and combing machines
13	Theoretical	Maintenance of ring machines
14	Theoretical	Grinding of sleeves

#### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Lecture - Practice	14	1	1	28



Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				78
[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	Carrying 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 spinning 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			2		
P7	3	5	5	3	4
P8	3	5	5	3	4
P9	3	5	5	3	4
P10	3	5	5	3	4
P19	4	5	5	5	5
P20	5	5	5	3	5

