AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Artificial Fibers						
Course Code	TTİ110		Couse Level		Short Cycle (Associate's Degree)		
ECTS Credit	3	Workload	74 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Students will gain competencies to distinguish between artificial fibers with this course.						
Course Content	To determine the properties of regenerated fibers, to distinguish regenerated fibers with Recognition Tests, to determine the properties of synthetic fibers, to determine the properties of inorganic fibers, to distinguish inorganic fibers with Recognition Tests.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Experiment, Individual 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	Rejenere Ve Sentetik Lifler M.HARMANCIOĞLU
2	Kimyasal Lifler Prof.Dr.Necdet SEVENTEKİN
3	İnternet Siteleri

Week	Weekly Detailed Course Contents	
1	Theoretical	
2	Theoretical	
3	Theoretical	
4	Theoretical	
5	Theoretical	
6	Theoretical	
7	Theoretical	
8	Theoretical	
9	Theoretical	
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Term Project	5	2	0	10
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
			Total Workload (Hours)	74
			[Total Workload (Hours) / 25*] = **ECTS**	3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To distinguish the regenerated fibers
2	To distinguish synthetic fibers

3	To distinguish between inorganic fibers
4	To be able to understand the production, properties and usage areas of synthetic fibers.
5	To be able to understand the properties and usage areas of inorganic based synthetic fibers.

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	5	4	5	5	5
P2	1	1			
P3	1	1			
P4	1	1			
P5	1	1			
P6	1	1			
P7	1	1			
P8	1	1			
P10	1				
P11	1	2			
P12	1	2			
P13	1	2			
P14	1				
P15	4	4	3	4	4
P16	1				
P17	1				
P18	1				
P19	3	3	4	4	4
P20	1				