



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

Course Title	Fancy Spinning								
Course Code	TTİ256			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To learn fancy yarn production methods, to know about the types, characteristics and application areas of fancy yarns and the tests applied.								
Course Content	Brief history of yarn production, fancy yarn market and producer trends, fancy yarn classification, fancy yarn classification, fancy yarns and structures used in fancy yarn production, fancy yarns according to structure, fancy yarns according to methods of production , uncontrolled effect yarns, chenille yarns, knot yarns, caterpillar yarns, lup yarn, wave yarn, crimp yarn, pile yarn, twist yarn, muline yarn, frieze yarn and so on. production techniques and usage areas of fancy yarns. Raw material parameters in the production of fancy yarns, machine parameters in the production of fancy yarns. Aftermath of fancy yarns, fancy yarns properties and usage areas. Analysis of fancy yarns. Tests applied to fancy yarns, tests on woven fabrics produced from fancy yarns. Design applications in fancy yarns.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Project Based Study								
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Fancy Yarn Production Technology Lecture Note, Yükseloğlu S.Müge, Marmara University Technology Faculty,
2	Fancy Yarns: Their Manufacture and application, Gong R.H., Wright R.M., Woodhead Publishing Series in Textiles, ISBN 1 85573 577 6 , U.K., 2002

Week	Weekly Detailed Course Contents	
1	Theoretical	The history of yarn production, the place of fantasy yarn in today, what is fancy yarn? Introduction and classification of these yarns
2	Theoretical	Market and producer trends of fancy yarns, yarns and structures used in fancy yarn production, homework and research subjects
3	Theoretical	Fancy yarns according to their structure and properties
4	Theoretical	Fancy yarns and their properties
5	Theoretical	Fancy yarns and their properties
6	Theoretical	Controlled effect yarns, uncontrolled effect yarns and their properties
7	Theoretical	Chenille yarns and production methods
8	Theoretical	Midterm
9	Theoretical	Properties of chenille yarns
10	Theoretical	Knot yarns, caterpillar yarns, lup yarn, wave yarns and properties of these yarns
11	Theoretical	Fancy yarns and properties of crimp yarn, pile yarn, twist yarns, muline yarn frize etc.
12	Theoretical	Raw material parameters in fancy yarn production, machine parameters used in fancy yarn production and their differences.
13	Theoretical	The use of fancy yarns, the use of fancy yarns. Analysis of fancy yarns.



14	Theoretical	Tests applied to fancy yarns, tests on woven fabrics produced from fancy yarns. Design applications in fancy yarns
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Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = ECTS	2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Defines and distinguishes fancy yarns
2	Categorize fancy yarns
3	Produces fancy yarns
4	Evaluates the properties of woven and knitted surfaces produced from fancy yarn
5	Analyze fancy yarns and textile surfaces obtained from these yarns

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
P7	3				
P8	3				
P9	3		2		
P10	3		2		
P11	3		2		
P12	3		3		
P13	5	5	5	5	5
P19	3	4	4		
P20	5	4	4		

