

# KNITTING TECHNOLOGY

1	Course Title:	KNITTING TECHNOLOGY
2	Course Code:	TKSZ106
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Mehmet Karahan
15	Course Lecturers:	Doç. Dr. Mehmet Karahan Öğr. Gör. Semiha EREN Fatma FİDAN
16	Contact information of the Course Coordinator:	mkarahan@uludag.edu.tr +902242942367
17	Website:	
18	Objective of the Course:	To teach the basic knowledge and concepts about the weft and warp knitting technology, to give basic information's about knitting machines, to introduce basic parameters of machine and to teach basic knitting.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To have knowledge about the knitting history, definition of knitting and differences with other production techniques.
	2	To be able to classify the knitting according to machine types and technologic parameters.
	3	To be able to understand the general information's about the weft and warp knit fabric formation technologies
	4	To have basic knowledge about fabric properties and structures.
	5	To have basic knowledge about knitting machines.
	6	To be able to understand basic knowledge of production calculations of knitting machines.
	7	To have basic knowledge about quality control of knitting production.
	8	To be able to learn technologic developments in knitting machines.
	9	To have knowledge about special knit structures.
	10	To have knowledge about applications of knit products.
21	Course Content:	
	Course Content:	

Week	Theoretical	Practice		
1	Definition, historical development and classification of knitting.			
2	To compare the knit fabrics with weaving and other textile fabrics.			
3	Applications of knitting fabrics.			
4	To study the basic knit elements.			
5	Classification of knitting machines.			
6	To study the basic knit structures in weft knitting.			
7	To study the basic knit structures in warp knitting. To study the patterning methods in weft and warp knitting.			
8	Repeating courses and midterm exam			
9	To study the production calculations in knitting.			
10	To study the basic parts and structures of circular knitting machines.			
11	To study the basic parts and structures of flat knitting machines.			
12	To study the basic parts and structures of warp knitting machines. Explanation of recent technological development occurred in knitting machines.			
13	Repeating courses and midterm exam			
Activites		Number	Duration (hour)	Total Work Load (hour)
22	Theoretical Textbooks, References and/or Other Materials:	1- Arzu Marmaralı, "Atkı Örneçiliğine Giriş", 2000 2- Ali Demir, "Tekstil Teknolojisi", San Ofset, İstanbul	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		Univ. Yayınlari, İzmir 2004.	2.00	28.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
TERM LEARNING ACTIVITIES				
Midterm exams		2	7.00	14.00
Others		0	0.00	0.00
Final Exams		0	20.00	20.00
Total Work Load				104.00
Total work load/ 30 hr		1	60.00	3.00
Final Exam				
ECTS Credit of the Course				3.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				
24	ECTS / WORK LOAD TABLE			

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	3	3	0	0	5	0	0	4	4	0	0	0	0	0
ÖK2	0	0	4	4	0	0	4	0	0	3	3	0	0	0	0	0
ÖK3	0	0	4	4	0	0	5	0	0	5	0	0	0	0	0	0
ÖK4	0	0	5	5	0	0	3	0	0	2	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0
ÖK6	0	0	3	3	0	0	0	0	0	5	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0
ÖK8	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	4	4	0	0	5	4	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			