CLOTHING TECHNOLOGY

1	Course Title:	CLOTHING TECHNOLOGY	
2	Course Code:	TEK3085	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	5	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	1.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. BİNNAZ MERİÇ KAPLANGİRAY	
15	Course Lecturers:	Prof.Dr. Ayça Gürarda	
16	Contact information of the Course Coordinator:	E-Mail: binnaz@uludag.edu.tr, Tel: 2942048 Adres: Bursa Uludağ Üniversitesi Tekstil Mühendisliği Bölümü Görükle/BURSA	
17	Website:		
18	Objective of the Course:	-To teach cloth spread and cut planning. -To teach parameters which are effective on seam performance. -To develop solution suggestions for problems that occur in clothing processes -To identify and develop the stitch and seam properties depending on product type.	
19	Contribution of the Course to Professional Development:	With knowledge gained in this course: -Can define problems and develop solutions -Can use resources effectively -Can analyze and develop product	
20	Learning Outcomes:		
		1	Being able to understand stitch types and their properties. Being able to select and apply stitch types suitable for product.
		2	Being able to evaluate sewing threads according to sewability, performance and stitch appearance, Being able to determine sewing thread suitable for product.
		3	Being able to establish a relationship between stitch performance and parameters.
		4	Being able to understand stitch problems. Being able to predict the stitch problems in the existing production conditions.
		5	Being able to solve the problems which occur during production.
		6	Being able to analyze the stitch and seam properties of product.

	7	Being able to prepare the process flowchart of product.
	8	
	9	
	10	

21	Course Content:

Course Content:

Week	Theoretical	Practice
1	Introduction to course Product process flow in clothing plants	Information about practices
2	A brief overview of preparing graphic diagrams, spreading and cutting processes.	Information about product analysis and process flowcharts Practice on the basic product
3	Stitch types, formations and properties of stitch types	The visual presentation about the formations of different stitch types
4	Pattern and stitch types which apply to garments	Identification the stitch types on the sewn samples
5	Sewing threads, classifying of sewing threads, structure of sewing threads, selection of sewing threads	CD display on the t-shirt production Creating a process flowchart for t-shirt
6	Seam performance, stitch strength, stitch abrasion	Performing the stitch analysis for a t- shirt and preparing report
8	Classification of sewing faults Midterm exam	Performing the stitch analysis for a shirt and preparing report
9	Sewing faults, stitch formation problems	CD display on the pants production
10	Seam puckering, seam interruption, seam thermal damage	Performing the stitch analysis for pants and preparing
	Evaluation methods of sewing faults	
13	Properties of stretch fabrics and their apparel processes	Performing the stitch analysis for sweat tshirt and preparing report
14	Properties of denim fabrics and their apparel processes.	Performing the stitch analysis for sweat tshirt and preparing report

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	1.00	14.00
Self study and preperation	3	3.00	9.00
Homeworks	1	15.00	15.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	20.00	20.00
Others	1	15.00	15.00
Final Exams	1	20.00	20.00
Total Work Load			121.00
Total work load / 30 hr			4.03
ECTS Credit of the Course			4.00

22	Textbooks, References and/or Other Materials:	1. Clothing Technology Course Notes (Assoc.Prof. Binnaz MERİÇ) 2. The Technology of Clothing Manufacture (Harold Carr & Barbara Latham) 3. Konfeksiyon Teknolojisi (Fatma Kalaoğlu) 4. Introduction to Clothing Manufacture" Gerry Cooklin, BSP Professional Books,1991.

23	Assesment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	25.00
Quiz	1	15.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	3	100.00
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		Measurement and evaluation are carried out with midterm and final exams.

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	5	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ÖK2	5	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ÖK3	5	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0
ÖK4	4	4	0	0	0	0	0	2	0	0	0	0	0	0	0	0
ÖK5	3	4	0	0	0	0	0	3	0	0	0	0	0	0	0	0
ÖK6	4	4	0	0	0	0	0	3	0	0	0	0	0	0	0	0
ÖK7	4	4	0	0	0	0	0	3	0	0	0	0	0	0	0	4

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High