

ORGANIC TEXTILE MANUFACTURING AND CERTIFICATION

1	Course Title:	ORGANIC TEXTILE MANUFACTURING AND CERTIFICATION	
2	Course Code:	TEK3093	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	5	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. MEHMET KANIK	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	E-mail: mekanik@uludag.edu.tr Phone: 224-2942050 Uludağ Üniversitesi Mühendislik Mimarlık Fakültesi Tekstil Mühendisliği Bölümü 16059-Görükle-BURSA	
17	Website:		
18	Objective of the Course:	The aim of this course is to train the students in the production of organic textiles, common organic textile standards (GOTS and OE), Global Recycle Standard (GRS) and their certification procedures.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Being able to understand the relationship between sustainable development and production of organic and recycled textiles.
		2	Being able to distinguish the differences between the conventional and organic textile production.
		3	Being able to determine the dyes and chemicals should not be used in organic textile production.
		4	Being able to manage the processes on the rules to be complied with during organic textiles production, packaging, storage, transportation and marketing.
		5	Being able to observe and present of technological developments on organic and recycled textiles.
		6	Being able to establish the relationship between social criteria and the production of organic and recycled textiles.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Introduction: What is Organic Textile? Development of organic textile production and the world market for organic textile products.			
2	Organic agriculture and organic cotton production. Development of organic cotton production in Turkey and the legal regulations regarding organic farming.			
3	Other organic textile materials: Wool, silk, linen, hemp.			
4	GOTS (Global Organic Textile Standards)-Objective, definition, classification and general requirements to be complied with.			
5	GOTS-Specific requirements for production and test methods-1.			
6	GOTS-Specific requirements for production and test methods-2.			
7	GOTS-Social criteria, quality assurance system and certification procedure.			
8	OE100 and OE Blended Standards-Definition, scope and labeling.			
9	Midterm exam OE100 and OE Blended Standards-Definition, scope and labeling (continue).			
10	OE 100 Standard - The conditions to be complied with for all production stages.			
11	OE 100 Standard - The criteria to be complied with after production and			
Activites		Number	Duration (hour)	Total Work Load (hour)
12	Theoretical products (GRS).	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
14	Production and certification of recycled textile products (GRS).	14	1.00	14.00
Homeworks		1	15.00	15.00
22	Projects	0	0.00	0.00
22	Textbooks, References and/or Other	1	0.00	0.00
Field Studies		0	0.00	0.00
2	Midterm exams	2	12.00	24.00
Others		1	6.00	6.00
3	Final Exams	5	15.00	75.00
Total Work Load				90.00
23	Assesment			3.00
Total work load/ 30 hr				3.00
ECTS Credit of the Course				3.00
Midterm Exam		1	30.00	
Quiz		0	0.00	
Home work-project		1	20.00	
Final Exam		1	50.00	
Total		3	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		50.00		
Contribution of Final Exam to Success Grade		50.00		
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	0	0	0	0	0	0	0	0	0	0	0	3	0	5
ÖK2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ÖK3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ÖK5	0	0	0	0	0	0	4	3	0	2	0	0	0	0	0	4
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	5
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			