

ORGANIC AND RECYCLE TEXTILE PRODUCTION AND CERTIFICATION

1	Course Title:	ORGANIC AND RECYCLE TEXTILE PRODUCTION AND CERTIFICATION	
2	Course Code:	TEK4123	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
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:	Prof. Dr. Mehmet KANIK BUÜ Mühendislik Fakültesi, Tekstil Müh. Bölümü, Görükle Kampüsü, Nilüfer-Bursa Tel: 0224-2942050 E-posta: mekanik@uludag.edu.tr	
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:	The student's learning about organic textile production and certification, recycling textile production and certification, from organic agriculture to the end of textile processes, will provide a more conscious and prepared approach to sustainable textile production issues in her professional life.	
20	Learning Outcomes:		
		1	Being able to have knowledge about the production, relevant standards and certification of organic and recycled textiles
		2	Being able to observe and present of technological developments on 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	Self study and preparation Production and certification of recycled textile	14	1.00	14.00
Homeworks		1	15.00	15.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		2	12.00	24.00
Others		1	6.00	6.00
Final Exams		1	15.00	15.00
Total Work Load				90.00
Total work load/ 30 hr				3.00
ECTS Credit of the Course				3.00
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Midterm Exam		1	25.00	
Quiz		0	0.00	
Home work-project		1	15.00	
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		Exam/Homework writing and Presentation		

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	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	2	0	4	0	0	2	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							