

TEXTILE TECHNOLOGY

1	Course Title:	TEXTILE TECHNOLOGY
2	Course Code:	GUTZ101
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	English
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. Öğr. Üyesi İdil YİĞİT
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	Dr. Öğr. Üyesi İdil YİĞİT BUU Orhaneli MYO Giyim Üretim Teknolojisi Programı idilyigit@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To have knowledge about the general processes of textile.
19	Contribution of the Course to Professional Development:	This course is gained knowledge about textile materials and production methods, as well as technical and practical skills in problem solving by thinking in multiple ways, thus making significant contributions to their professional development.
20	Learning Outcomes:	
	1	Classify textile fibers and understand their basic properties.
	2	Understands the basic principles of yarn production technologies.
	3	Understands the production technologies of textile surfaces.
	4	Understand the purpose of basic finishing processes and the properties they impart to textile materials.
	5	Learns innovative processes in the textile industry and finds solutions to problems encountered.
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Production processes of textile materials, Classification of textile fibers	
2	Natural fibers and their properties	

3	Production technologies and properties of regenerated fibers	
4	Production technologies and properties of synthetic fibers	
5	Basic principles and machinery of short and long fiber spinning	
6	Basic principles and machinery of short and long fiber spinning	
7	Production technologies of knitted fabrics	
8	Production technologies of woven fabrics-Midterm	
9	Production technologies of nonwoven fabrics	
10	Textile finishing	
11	Quality Control and Standards	
12	Clothing Technology	
13	Production Planning and Management	
14	Digitalization and Industry 4.0 in the Textile Industry	

22	Textbooks, References and/or Other Materials:	1.Knitting Technology: A Comprehensive Handbook and Practical Guide, 3th ediytion, David J. Spencer, Woodhead Publishing. 2.Advances in Knitting Technology, K. F. Au, Woodhead Publishing. 3.Woven Textiles: Principles, Technologies and
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	42	42.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	14.00	14.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	2.00	2.00
Others	14	2.00	28.00
Final Exams	1	2.00	2.00
Total Work Load			116.00

Total work load/ 30 hr			3.87
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT
ECTS Credit of the Course			4.00
Midterm Exam	1	40.00	
Quiz	0	0.00	
Home work-project	0	0.00	
Final Exam	1	60.00	
Total	2	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 is carried out according to the priciples of Bursa uludag University Associate and Undergraduate Education Regulation.	

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	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
ÖK4	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
ÖK5	5	0	4	2	0	0	5	0	0	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			