		STA	TISTICS						
1	Course Title:	STATIS	TICS						
2	Course Code:	TEK201	9E						
3	Type of Course:	Compuls	sory						
4	Level of Course:	First Cyc	cle						
5	Year of Study:	2							
6	Semester:	3							
7	ECTS Credits Allocated:	5.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	2.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	English							
13	Mode of Delivery:	Face to	face						
14	Course Coordinator:	Prof. Dr. ERHAN KENAN ÇEVEN							
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	Prof. Dr. Erhan Kenan Çeven Bursa Uludag Üniversitesi Mühendislik Fakültesi Tekstil Mühendisligi Bölümü Görükle Kampüsü,16059-Nilüfer-Bursa-Türkiye Tel: 0 224 294 2062 e-mail: rceven@uludag.edu.tr https://avesis.uludag.edu.tr/rceven							
17	Website:								
18	Objective of the Course:	Giving theoretical and practical knowledge to Textile Engineering students for usage in quality control courses at textile engineering department, Ensuring the assessment of the results in a scientific manner while doing research, Establishing a baseline to research methods and decision making mechanisms, Teaching and ensuring to understand basic statistic subjects for implementation, Establishing a baseline for experimental design							
19	Contribution of the Course to Professional Development:	Establishing a baseline to research methods and decision making mechanisms for Textile Research							
20	Learning Outcomes:								
		1	Being able to comprehend statistics basic units						
		2	Being able to collect data and information for research						
		3	Being able to organize the collected information						
		4	Being able to present the data						
		5	Being able to analyse with the data						
		6	Being able to do experimental design						
		7							
		8							
		9							
		10							

	Course Content:											
Week	Theoretical		Practice									
1	Introduction to Statistics		Introduction to Statistics(IBM SPSS 23 Software)									
2	Data Collection and Presentation		Data Collection and Presentation (IBM SPSS 23 Software)									
3	Central Tendency Measurements		Central Tendency Measurements (IBM SPSS 23 Software)									
4	Variance Measurements		Variance Measurements (IBM SPSS 23 Software)									
5	Probability Distribution and Application	ons	Probability Distribution and Applications (IBM SPSS 23 Software)									
6	Sampling Theory		Sampling Theory Applications (IBM SPSS 23 Software)									
7	Statistical Prediction Theory		Statistical Prediction Applications (IBM SPSS 23 Software)									
8	Statistical Decision Theory, Hypothes Significance Tests (One Population/C Samples)	sis and Dne	Statistical Decision Theory, Hypothesis and Significance Tests (IBM SPSS 23 Software)									
9	Statistical Decision Theory, Hypothes Significance Tests (Two Population/T Samples)	sis and <sup>-</sup> wo	Statistical Decision Theory, Hypothesis and Significance Tests (IBM SPSS 23 Software)									
10	Regression Analysis		Regression Analysis (IBM SPSS 23 Software)									
11	Correlation Analysis		Correlation Analysis (IBM SPSS 23 Software)									
12	Variance Analysis - Parametric	Variance Analysis - Parametric (IBM SPSS 23 Software)										
13	Variance Analysis - Parametric		Variance Analysis - Parametric (IBM SPSS 23 Software)									
14	SNK Tests		S	SNK Tests (IBM SPSS 23 Software)								
Activit	es			Number	Duration (hour)	Total Work Load (hour)						
Theore	tical		2	Practical Statistics for	the Textile Industry	ନ୍2 <b>₽</b> -ର୍କ୍ୟ¶ I,II The						
Practica	als/Labs			14	2.00	28.00						
Self stu	dy and preperation		Ν	ew York (Ann Seymou	r5 <b>L0K0</b> ENA)	40.00						
Homew	vorks			2	7.00	14.00						
Project	8		5	5 Istatistik Teori ve Proplender, Schoum's Series,								
Field St	tudies			0	0.00	0.00						
Midtern	n exams		6	D. Montgomery, "Intro	decoion to Statistic	a <b>l Q00</b> lity						
Others				0	0.00	0.00						
Final E	xams		Q	dality Design and Con	N.J.00992.							
Total W	/ork Load					150.00						
Total w	ork load/ 30 hr	NUMBE	W	FIGHT		5.00						
ECTS (	Credit of the Course	I				5.00						
Midterm Exam 1				30.00								
Quiz		0	0.00									
Home work-project 1				10.00								
Final Exam 1				60.00								
Total		3	100.00									
Contrib Succes	ution of Term (Year) Learning Activitie s Grade	es to	40.00									
Contrib	ution of Final Exam to Success Grade	9	60.00									
Total			100.00									
Measurement and Evaluation Techniques Used in the Course				Midterm and Final Test Exam; Assignment								
24	ECTS / WORK LOAD TABLE											

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