## ULUDAĞ UNIVERSITY 2016-2017 ACADEMIC YEAR CURRICULUM

FACULTY/VOCATIONAL SCHOOL : ENGINEERING FACULTY DEPARTEMENT/ PROGRAM : TEXTILE ENGINEERING

TERM CREDITS

16,5

30

	I,TERM/FALL SEMESTE				II TERM/SPRING SEMESTER								
	1.1 ERW/FALL SEWIESTE		II.TERM/SPRING SEMESTER										
	1	1	OURS		OUR PER			1	COURSE HOUR PE				
CODE	COURSE	T	A	L	CREDIT	ECTS	CODE	COURSE	T	A	L	CREDIT	ECTS
ATA101	ATATURK'S PRINCIPALS and HISTORY of REVOLUTIONS I	2	0	0	2	2	ATA102	ATATURK'S PRINCIPALS and HISTORY of REVOLUTIONS II		0	0	2	2
TUD101	TURKISH LANGUAGE I	2	0	0	2	2	TUD102	TURKISH LANGUAGE II		0	0	2	2
TEK1003	TECHNICAL ENGLISH I	2	0	0	2	2	TEK1005	TECHNICAL ENGLISH II	2	0	0	2	2
MAT1071	CALCULUS I	3	2	0	4	6	MAT1072E	CALCULUS I I	3	2	0	4	6
FZK1071	BASIC PHYSICS I	3	0	2	4	6	FZK1072E	BASIC PHYSICS II	3	0	2	4	6
TEK1001	GENERAL CHEMISTRY	3	0	1	3,5	4	TEK1016	MECHANICS	2	1	0	2,5	3
TEK1011	INTRO. TO TEXTILE ENGINEERING	2	0	0	2	2	TEK1008	ENGINEERING MATERIALS	2	0	0	2	2
TEK1005	TECHNICAL DRAWING	1	2	0	2	3	TEK1010	CHEMICAL FIBERS	3	1	0	3,5	4
TEK1007	NATURAL FIBERS	2	1	0	2,5	3	TEK1014	ORGANIC CHEMISTRY	3	0	0	3	3
	TERM CREDITS		<u> </u>		24	30		TERM CREDITS		<u> </u>		25	30
	III.TERM/FALL SEMESTI	1	NUDC	T II	OLID DED	WEEK		IV.TERM/SPRING SEMEST		AT IT C	TE TI	OUD DED	XX/EXECUTIVE
CODE	GOVIDGE				OUR PER		COPE	COVERE				OUR PER	
CODE	COURSE	T	A	L	CREDIT		CODE	COURSE	T	A	L	CREDIT	
MAT2083	DIFFERENTIAL EQUATIONS	3	2	0	4	6	TEK2002	ENGINEERING MATHEMATICS	4	0	0	4	5
TEK2019	COMPUTER PROGRAMING	2	1	0	2,5	4	TEK2004	THERMODYNAMICS	2	0	0	2	4
TEK2011E	PRINCIPLES OF SPRINCIPLE	2	1	0	2,5	5	TEK2012	INTRO. TO CLOTHING TECHNOLOGY	2	0	0	2	4
TEK2005	PRINCIPLES OF SPINNING	2	0	0	2	3	TEK2008	FUNDAMENTALS OF KNITTING	2	0	0	2	4
TEK2007	PRINCIPLES OF WEAVING	+-	0	0	2	3	TEK2016	INTRO. TO TEXTILE FINISHING		0	0	2	4
TEK 2017E	TEXTILE PHYSICS	2	0	0	2	3	TEK2024 TEK 2020E	DYNAMICS		0	0	2	3
TEK 2013 E ISG201	TEXTILE CHEMISTRY  OCCUPATIONAL HEALTH AND SAFETY I	2	0	0	2,5	2	ISG202	STATISTICS  OCCUPATIONAL HEALTH AND SAFETY II		0	0	2	2
150201				U	19,5	30	150202	TERM CREDITS	2		Ü	18	30
										<u> </u>		10	30
	V.TERM/FALL SEMESTE	ĸ						VI.TERM/SPRING SEMEST	EK				
		CO	OURS	Е Н	OUR PER	WEEK			CC	URS	SE H	OUR PER	WEEK
CODE	COURSE	Т	Α	L	CREDIT	ECTS	CODE	COURSE	T	A	L	CREDIT	ECTS
TEK3071	KNITTING TECHNOLOGY	2	1	0	2,5	4	TEK3002E	HEAT TRANSFER	2	0	0	2	3
TEK3073	YARN TECHNOLOGY	3	1	0	3,5	4	TEK3072E	MECHANISMS	2	1	0	2,5	3
TEK3007E TEK3085	FLUID MECHANICS CLOTHING TECHNOLOY	2	0	0	2.5	3	TEK3066 TEK3064	WEAVING TECHNOLOGY OUALITY CONTOL IN TEXTILES I	2	1	0	3,5 2,5	3
TEK5005	CLOTHING TECHNOLOT		1	U	2,3	7	TEK3062	TEXTILE FINISHING TECHOLOGIES	3	0	1	3,5	4
							TEK3074E	DESIGN METHODS IN TEXTILE I	2	2	0	3	4
	ELECTIVE COURSES							ELECTIVE COURSES					
	FIELD COURSE GROUP I				4	8		FIELD COURSE GROUP I				4	6
	FIELD COURSE GROUP II				2	3		FIELD COURSE GROUP II				2	3
	FIELD COURSE GROUP III				2	4							
	TERM CREDITS				18,5	30		TERM CREDITS				23	30
	VII.TERM/FALL SEMEST	ER						VIII.TERM/SPRING SEMES	TER				
	COURSE HOUR PER					WEEK			CC	URS	OUR PER	WEEK	
CODE	COURSE	Т	A	L	CREDIT	ECTS	CODE	COURSE	Т	A	L	CREDIT	ECTS
TEK4001	NONWOVENS	2	0	0	2	2	TEK4070	SEMINAR II	0	1	0	0	1
TEK4003E	QUALITY CONTOL IN TEXTILES II	2	0	1	2,5	3	TEK4002	SENIOR THESIS	0	2	0	1	4
TEK4075E TEK4069	DESIGN METHODS IN TEXTILE II SEMINAR I	0	2	0	3 0	1	TEK 4102 TEK4074	INTERSHIP II ENGINEERING ETHICS		0	0	0	2
TEK 4101	INTERSHIP I	0	0	0	0	4	TEK40/4 TEK4104	TEXTILE LABORATUARY APPLICATIONS II		0	2	1	3
TEK 4103	TEXTILE LABORATUARY APPLICATIONS I	0	0	2	1	3		The state of the s		Ĺ	Ĺ		
TEK4105	FINAL PROJECT FOR SENIOR THESIS	0	1	0	0	1							
	ELECTIVE COURSES							ELECTIVE COURSES					
	FIELD COURSE GROUP I	L			4	6		FIELD COURSE GROUP I				4	8
	FIELD COURSE GROUP II				2	3		FIELD COURSE GROUP II				2	3
								FIELD COURSE GROUP III				1,5	2
	NON-FIELD COURSE I	2	0	0	2	3		NON-FIELD COURSE I	2	0	0	2	3
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TERM CREDITS

## ULUDAĞ UNIVERSITY 2016-2017 ACADEMIC YEAR ELECTIVE COURSES LIST

FACULTY : ENGINEERING
DEPARTMENT/PROGRAM : TEXTILE ENGINEERING

	I.TERM/FALL SEMESTI		II.TERM/SPRING SEMESTER											
CODE	COURSE	CO	URSI	Е НО	UR PER V	VEEK	CODE	COURSE	COURSE HOUR PER WEEK					
CODE		T	A	L	CREDIT	ECTS		COURSE	T	A	L	CREDIT	ECTS	
	FIELD COURSES						FIELD COURSES							
	NON-FIELD COURSES		NON-FIELD COURSES											
	TOTAL CREDITS							TOTAL CREDITS						

	TOTAL CREDITS			TOTAL CREDITS									
	III.TERM/FALL SEMEST	IV.TERM/SPRING SEMESTER											
CODE	COURSE	T	URSI A		UR PER V		CODE	COURSE	COU	JRSE A		R PER V CREDIT	
	FIELD COURSES							FIELD COURSES					
	NON-FIELD COURSES			<u> </u>				NON-FIELD COURSES			<u> </u>		
	V MDDW PALL CEMPOR	CD.											
	V.TERM/FALL SEMEST		URSI	Е НОІ	UR PER V	VEEK		VI.TERM/SPRING SEMES	COURSE HOUR P				VEEK
CODE	COURSE	Т	A		CREDIT		CODE	DERSÎN ADI		A		CREDIT	
	FIELD COURSES GROUP I							FIELD COURSES GROUP I					
	APPLICATION OF TECHNICAL TEXTILES							APPLICATION OF TECHNICAL TEXTILES					
TEK 3401	STRUCTURE AND PROPERTIES OF FIBER FORMING POLYMERS	2	0	0	2	4	TEK 3402	NEW FIBER PRODUCTION TECHNIQUES AND TEXTURING TECHNOLOGY	2	0	0	2	3
TEK 3403	PRODUCTION AND PROPERTIES OF HIGH PERFORMANCE FIBERS	2	0	0	2	4	TEK 3404	MODIFACATION METHODS FOR TEXTILE FIBERS	2	0	0	2	3
TEN 2405	YARN-FABRIC TECHNOLOGY AND DESIG					4	TELL 2406	YARN-FABRIC TECHNOLOGY AND DESIG					2
-	COMPUTER AIDED FABRIC DESIGN	2	0	0	2	4		WEFT KNITTING NEW SPINNING SYSTEMS	2	0	0	2	3
1EK 3407	WEAVING CONSTRUCTION TEXTILE FINISHING, BIOTECHNOLOGY	2	0	0	2	4	1EK3018	TEXTILE FINISHING, BIOTECHNOLOGY	2	0	0	2	3
	AND ECOLOGY							AND ECOLOGY					
	PRE-TREATMENT	2	0	0	2	4		DYEING TECHNOLOGY AUXILIARY CHEMICALS IN TEXTILE	2	0	0	2	3
TEK 3409	COATED AND LAMINATION	2	0	0	2	4	TEK 3412	TREATMENTS	2	0	0	2	3
	CLOTHING TECHNOLOGY							CLOTHING TECHNOLOGY					
TEK 3413	CLOTHING MACHINERY	2	0	0	2	4	TEK 3042	WORK AND TIME MANAGEMENT		0	0	2	3
TEK 3415	MATERIAL INFORMATION IN APPAREL	2	0	0	2	4	TEK 3408	SEWING YARN PRODUCTION AND PROPERTIES		0	0	2	3
	FIELD COURSES GROUP II							FIELD COURSES GROUP II					
TEK 3033	WOOL SPINNING	2	0	0	2	3	TEK 3022	COATED AND LAMINATED TECHNICAL TEXTILES	2	0	0	2	3
TEK 3035	PRODUCTION AND PROPERTIES OF	2	0	0	2	3	TEK 3028	BASIC CONCEPTS IN TEXTILE WET	2	0	0	2	3
	POYESTER FIBERS MEASUREMENT SYSTEMS IN TEXTILES	2	0	0	2	3	TEK 3034	PROCESSING* PRODUCTION AND PROPERTIES OF POLYPROPYLENE		0	0	2	3
TEK 3039	TREATMENT AND DYEING OF NATURAL AND REGENERATED FIBERS	2	0	0	2	3	TEK 3036	COMPUTER CONTRELLED SYSTEMS IN TEXTILES		0	0	2	3
TEK 3049	FLAT KNITTING TECHNOLOGY	2	0	0	2	3	TEK 3038	TREATMENT AND DYEING OF SYNTHETIC FIBERS		0	0	2	3
TEK 3055	ORGANIC CHEMISTRY FOR TEXTILE ENGINEERING	2	0	0	2	3	TEK 3046	ENZYMES AND USING AREAS AT THE FINISHING PROCESSES		0	0	2	3
TEK 3057	POLYMER SCIENCE AND TECHNOLOGIES	2	0	0	2	3	TEK 3050	CIRCULAR KNITTING TECHNOLOGY		0	0	2	3
TEK 3077	NANOFIBER PRODUCTION METHODS AND APPLICATION FIELDS	2	0	0	2	3	TEK 3056	INTRODUCTION TO POLYMER CHEMISTRY	2	0	0	2	3
TEK 3099	DESIGN SYSTEM	2	0	0	2	3		PRINCIPLES OF DESIGN	2	0	0	2	3
TEK 3089	FASHION DESIGN I	2	0	0	2	3	TEK 3090	FASHION DESIGN II	2	0	0	2	3
TEK 3093	ORGANIC TEXTILE PRODUCTION AND CERTIFICATION	2	0	0	2	3	TEK 3096	MODERN CHARACTERIZATION METHODS FOR TEXTILES	2	0	0	2	3
TEK 3095	WATER QUALITY AND PREPERATION IN TEXTILE FINISHING	2	0	0	2	3	TEK 3418	DYE-HAUSES LABORATORY AND DYE- HAUSE AUTOMATION	2	0	0	2	3
TEK 3097	STANDARD TEST METHODS FOR TEXTILES	2	0	0	2	3	TEK 3092	INTRODUCTION TO NANOTECHNOLOGY		0	0	2	3
	ELECTICE COURSES IN ENGLISH							ELECTICE COURSES IN ENGLISH					
TEK 3015	TECHNICAL TEXTILES	2	0	0	2	3	TEK 3028	BASIC CONCEPTS IN TEXTILE WET PROCESSING		0	0	2	3
TEK3087	POLYMER SCIENCE AND TECHNOLOGIES	2	0	0	2	3	TEK 3098	INTRODUCTION TO NANOTECHNOLOGY		0	0	2	3
	FIELD COURSES IN GROUP III	-						FIELD COURSES IN GROUP III					
	MACHINE ELEMENTS NUMERICAL ANALYSIS	2	0	0	2	4							
TEK 3091	AUTOMATIC CONTROL	2	0	0	2	4							
TEK 3079	MECHATRONICS	2	0	0	2	4							
	NON-FIELD COURSES			<u> </u>				NON-FIELD COURSES			<u> </u>		
	NON-FIELD CORSE I							NON-FIELD CORSE I					
	TOTAL CREDITS	<u> </u>			e	15		TOTAL CREDITS				6	11
	TOTAL CREDITS		<u> </u>	<u> </u>	8	15		TOTAL CREDITS		l	<u> </u>	0	11

	VII.TERM/FALL SEMEST	ΓER				VIII.TERM/SPRING SEMESTER								
CODE	COURSE	_	_		UR PER V		CODE	COURSE				UR PER WEEK		
	FIELD COURSES GROUP I	T	A	L	CREDIT	ECTS		FIELD COURSES GROUP I	Т	A	L	CREDIT	ECTS	
	APPLICATION OF TECHNICAL	l						APPLICATION OF TECHNICAL						
	TEXTILES							TEXTILES						
	FIBER REINFORCED COMPOSITES	2	0	0	2	3		INDUSTRIAL TEXTILES	2	0	0	2	4	
1EK 4403	MEDICAL TEXTILES	2	0	0	2	3	1EK 4404	GEOTEXTILES	2	0	0	2	4	
	YARN-FABRIC TECHNOLOGY AND DESIGNATION OF STAPLA CHEMICAL FIBERS							YARN-FABRIC TECHNOLOGY AND DESIG						
TEK 4405	IN THE RING SPINNING SYSTEM	2	0	0	2	3	TEK 4414	WARP KNITTING TECHNOLOGY PROPERTIES AND PRODUCTION OF	2	0	0	2	4	
TEK 4043	WEAVING MACHINERY	2	0	0	2	3	TEK 4026	FANCY YARNS	2	0	0	2	4	
	TEXTILE FINISHING, BIOTECHNOLOGY AND ECOLOGY							TEXTILE FINISHING, BIOTECHNOLOGY AND ECOLOGY						
TEK 4007	PRINTING TECHNOLOGY	2	0	0	2	3	TEK 4006	FINISHING PROCESSES	2	0	0	2	4	
TEK 4411	BIOTECHNOLOGY AND BIOMIMETIC APPLICATIONS IN TEXTILE FINISHING	2	0	0	2	3	TEK 4412	ECOLOGICAL APPROACHES IN TEXTILE FINISHING	2	0	0	2	4	
	CLOTHING TECHNOLOGY							CLOTHING TECHNOLOGY						
TEK4091	CROST ACCOUNT IN CLOTHING	2	0	0	2	3	TEK 4050	QUALITY CONTROL IN CLOTHING	2	0	0	2	4	
TEK 4049	ORGANIZATION AND PLANNING IN	2	0	0	2	3	TEK 4066	DESIGN AND PRODUCTION SYSTEMS OF	2	0	0	2	4	
	CLOTHING FIELD COURSES GROUP II							SPECIAL AAPAREL PRODUCTS FIELD COURSES GROUP II						
TEK 4027	QUALITY IMPROVEMENT AND	2	0	0	2	3	MAK4412	GENERAL METROLOGY	2	0	0	2	3	
TEK 4033	OPTIMIZATION IN SPINNING BIOACTIVE FIBERS AND APLICATION	2	0	0	2	3			2	0	0	2	3	
	AREAS ENVIROMENTALLY FRIENDLY							STATISTICAL ANALYSIS METHODS						
TEK 4045	PRODUCTION (CLEANER PRODUCTION)	2	0	0	2	3	TEK 4034	DESIGN OF JACQUARD WOVEN FABRIC WEAVING MACHINERY AND	2	0	0	2	3	
TEK 4047	SMART TEXTILES	2	0	0	2	3	TEK 4044	TECHNIQUES	2	0	0	2	3	
TEK 4057	COLOR MEASUREMENT SYSTEMS AND STANDARTS	2	0	0	2	3	TEK 4046	ENERGY AND WATER SAVINGS IN TEXTILE TREATMENT PLANTS	2	0	0	2	3	
TEK 4061	STRUCTURE AND ANALYSIS OF TEXTILE FIBERS	2	0	0	2	3	TEK 4048	ADVANCES IN FIBER TECHNOLOGY	2	0	0	2	3	
TEK 4063	CALCULATIONS IN TEXTILE WET PROCESSING	2	0	0	2	3	TEK 4052	NONWOVEN PRODUCT DEVELOPMENT	2	0	0	2	3	
TEK 4065	OPEN -END ROTOR SPINNING SYSTEMS	2	0	0	2	3	TEK 4058	DYEING OF MICROFIBER MATERIALS	2	0	0	2	3	
TEK 4085	METHODS OF DESIGN	2	0	0	2	3	TEK 4062	COMPOZITES IN TEXTILES	2	0	0	2	3	
TEK 4093	FORMATION OF WOVEN FABRICS	2	0	0	2	3	TEK 4064	PROCESS MANAGEMENT IN TEXTILE	2	0	0	2	3	
TEK4073	ENGINEERING DESIGN	2	0	0	2	3	TEK 4068	TEXTILE INK-JET PRINTING	2	0	0	2	3	
							TEK 4084	ANTIMICROBIYEL APPLICATIONS ON	2	0	0	2	3	
								TEXTILES						
							TEK 4086	DESIGN MANAGEMENT TECHNICAL TEXTILES FOR PROTECTION	2	0	0	2	3	
							TEK 4088	AND SMART TEXTILES	2	0	0	2	3	
							TEK4092	BASIC YARN GEOMETRY	2	0	0	2	3	
							TEK 4094	YARN AND SURFACE FORMATION TECNIQUES AT CROSHET MACHINES	2	0	0	2	3	
							TEK 4096	TECHNİCAL SEWİNG YARNS	2	0	0	2	3	
							TEK 4098	BIOMIMETIC APPLICATION IN TEXTILES	2	0	0	2	3	
							TEK 4408	PRODUCTION PLANNING IN STAPLE	2	0	0	2	3	
								FIBER SPINNING MILLS ANALYSES METHODS OF TEXTILE FIBERS	2	0	0	2		
	ELECTICE COURSES IN ENGLISH						1EK 4002	ELECTICE COURSES IN ENGLISH		U	-		3	
TEK 4097	FUNCTIONAL POLYMERS IN TEXTILE	2	0	0	2	3	TEK4202	NONWOVEN PRODUCT DEVELOPMENT	2	0	0	2	3	
	TEXTILE PREPERATION	2	0	0	2	3	TEK 4204	WEAVING MACHINERY AND	2	0	0	2	3	
	LETTED I ADI EKATION			3		,		TECHNIQUES TECHNIQUES		0	0	2	3	
							1 EK 4200	06 DYEING OF MICROFIBER MATERIALS  FIELD COURSES GROUP III		U	U		3	
							TEK4004			1	0	1,5	2	
-							TEK 4032	ANALYSIS AND DESIGN OF KNITTED CHEMICAL TEXTILE ANALYSES	1	1	0	1,5 1,5	2	
							11.A 4012	CILMICAL TEATILE MIMLIBES	1	1	U	1,3		
	NON-FIELD COURSES OCCUPATIONAL SAFETY AND WORKER'S					1		NON-FIELD COURSES TECHNICAL WRITING AND						
TEK 4307	HEALTH IN TEXTILE INDUSTRY	2	0	0	2	3	TEK 4306	PRESENTATION	2	0	0	2	3	
TEK 4303	INNOVATION IN TEXTILES	2	0	0	2	3	TEK 4308	TOTAL QUALITY MANAGEMENT AND APPLICATIONS IN TEXTILE INDUSTRY	2	0	0	2	3	
TEK 4305	PRINCIPLES AND METHODS OF SCIENTIFIC RESEARCH	2	0	0	2	3	TEK 4302	PERFORMANCE ASSESMENT SYSTEM	2	0	0	2	3	
TEK 4301	BRIDGE	2	0	0	2	3	TEK 4304	R&D SUPPORTS IN TURKEY	2	0	0	2	3	
	TOTAL CREDITS				10,5	14		TOTAL CREDITS  Doküman KO	D. Dim	ED O	in 12	11	14	

## ULUDAĞ UNIVERSITY 2016-2017 ACADEMIC YEAR CURRICULUM

FACULTY/VOCATIONAL SCHOOL : ENGINEERING FACULTY DEPARTEMENT/ PROGRAM : TEXTILE ENGINEERING

CODE	COURSE	T	A	E HOUR PE L	CREDIT	ECTS
TEK 4307	OCCUPATIONAL SAFETY AND WORKER'S HEALTH IN TEXTILE INDUSTRY	2	0	0	2	3
TEK 4306	TECHNICAL WRITING AND PRESENTATION	2	0	0	2	3
TEK 4308	TOTAL QUALITY MANAGEMENT AND APPLICATIONS IN TEXTILE INDUSTRY	2	0	0	2	3
TEK 4303	INNOVATION IN TEXTILES	2	0	0	2	3
TEK 4305	PRINCIPLES AND METHODS OF SCIENTIFIC RESEARCH	2	0	0	2	3
TEK 4302	PERFORMANCE ASSESMENT SYSTEM	2	0	0	2	3
TEK 4304	R&D SUPPORTS IN TURKEY	2	0	0	2	3
TEK 4301	BRIDGE	2	0	0	2	3