IGDIR UNIVERSITY

							DEDADTMENT OF	MECHAN		FRINC						
							DEPARTMENT OF			ERING						
								FIRST YEAR	R							
	SEMESTER I				_					SEMESTER II		-		_	_	
COURSE CODE	COURSE NAME	т	Α	L	С	ECTS	PREREQUISITE FOR	C	OURSE CODE	COURSE NAME	т	A	L			PREREQUISITE FOR
	MATHEMATICS-I	4	0	0	4	5		-		MATHEMATICS-II	4	0	0			
	PHYSICS-I GENERAL CHEMISTRY	3	0	2	4	5		-		PHYSICS-II STATICS	3	0	2			
	GENERAL CHEMISTRY TECHNICAL DRAWING		0	0		4		-			3		0			
	COMPUTER PROGRAMMING	2	2	0	3	4		-		ENGINEERING MEASUREMENTS COMPUTER AIDED TECH, DRAWING	2	0	0		2	
	INTRODUCTION TO MECHANICAL ENGINEERING	2	0	0	2	3		-		STATISTICS AND PROBABILITY	3	0	0			
	ENGLISH-I	2	0	0	2	2		-		ENGLISH-II	2	0	0		2	
	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION -I	2	0	0	2	2				DEGITAL LITERACY	3	0	0		3	
	TURKISH-I	2	ŏ	0	2	2		-		ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION -II	2	ŏ	Ö		2	
			-	-	-	-				TURKISH-II	2	0	0			
	SEMESTER I TOTAL	22	4	2	25	32				SEMESTER II TOTA		2	2			
				-						FIRST YEAR TOTA						
							S	ECOND YEA	AR							
	SEMESTER III							T T		SEMESTER IV						
COURSE CODE		T	A	L	С	ECTS	PREREQUISITE FOR		OURSE CODE	COURSE NAME	T	A	L	C	ECTS	PREREQUISITE FOR
ST SHOL CODE	DIFFERENTIAL EQUATIONS	3	0	0	3	5				ENGINEERING MATHEMATICS	3	ō	0		5	. MENEQUISITE FOR
	MATERIALS SCIENCE-I	3	0	0	3	4		1 -		MATERIALS SCIENCE-II	3	0	0		4	
	MECHANICS OF MATERIALS-I	3	0	0	3	5	Statics	1 -		FLUID MECHANICS	3	0	0			
	DYNAMICS	3	0	0	3	5		1 -		MECHANICS OF MATERIALS-II	3	0	0		5	Statics
	THERMODYNAMICS-I	3	0	0	3	5				MANUFACTURING PROCESSES	3	0	0		5	
	OCCUPATIONAL HEALTH AND SAFETY-I	2	0	0	2	2				THERMODYNAMICS-II	3	0	0	3	5	Thermodynamics-I
	FUNDAMENTALS OF ELECTRIC AND ELECTRONICS	3	0	0	3	4				OCCUPATIONAL HEALTH AND SAFETY-II	2	0	0	2	2	
	SEMESTER III TOTAL	20	0	0	20	30				SEMESTER IV TOTA	20	0	0	20	31	
										SECOND YEAR TOTA	40	0	0	40	61	
								THIRD YEAR	R							
	SEMESTER V									SEMESTER VI						
COURSE CODE	COURSE NAME	T	А	L	C	ECTS	PREREQUISITE FOR	co		COURSE NAME	Т	A	L	C		
COURSE CODE	COURSE NAME MACHINE DESIGN-I	3	0	0	3	5		co		COURSE NAME MACHINE DESIGN-II	3	0	0	3	5	PREREQUISITE FOR Mechanics of Materials-I
COURSE CODE	COURSE NAME MACHINE DESIGN-I HEAT TRANSFER-I	3 3	0	0	3	5	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN-II DYNAMICS OF MACHINERY	3	0	0	3	5	
COURSE CODE	COURSE NAME MACHINE DESIGN-I HEAT TRANSFER-I NUMERICAL METHODS	3 3 2	0 0 2	0 0 0	3 3 3	5 5 4	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN-II DYNAMICS OF MACHINERY MECHANICAL VIBRATIONS	3 3 3	0 0 0	0	3 3 3	5 5 5	
COURSE CODE	COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS	3 3 2 1	0 0 2 2	0 0 0	3 3 3 2	5 5 4 4	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN-II DYNAMICS OF MACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II	3 3 3 3	0 0 0	0 0 0 0 0	3 3 3 3	5 5 4	
COURSE CODE	COURSE NAME MACHINE DESIGN-I HEAT TRANSFER-I NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-I	3 3 2 1 3	0 0 2 2 0	0 0 0 0	3 3 3 2 3	5 5 4 4 4	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN-II DYNAMICS OF MACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II HEAT TRANSERE-II	3 3 3 3 3	0 0 0 0	0 0 0 0	3 3 3 3 3	5 5 4 5	
COURSE CODE	COURSE NAME MACHINE DESIGN-I HEAT TRANSFER-I NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-I LBORATORY-I	3 3 2 1 3 0	0 0 2 2 0 0	0 0 0 0 0 2	3 3 3 2 3 1	5 5 4 4 4 4 4	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN-II DYNAMICS OF MACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II	3 3 3 3	0 0 0	0 0 0 0 0	3 3 3 3 3	5 5 4 5	
COURSE CODE	COURSE NAME MACHINE DESIGN-I HEAT TRANSFER-I NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-I	3 3 2 1 3	0 0 2 2 0	0 0 0 0	3 3 3 2 3 1	5 5 4 4 4	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN-II DYNAMICS OF MACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II HEAT TRANSERE-II	3 3 3 3 3	0 0 0 0	0 0 0 0	3 3 3 3 3	5 5 4 5	
COURSE CODE	COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1	3 2 1 3 0 0	0 0 2 2 0 0 0	0 0 0 0 2 0	3 3 3 2 3 1 0	5 5 4 4 4 4 2	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN II OYRAMICS OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELECTIV-II HEAT TRANSFER-II LABRATORY-II	3 3 3 3 0	0 0 0 0 0	0 0 0 0 2	3 3 3 3 3 1	5 5 4 5 4	
COURSE CODE	COURSE NAME MACHINE DESIGN-I HEAT TRANSFER-I NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-I LBORATORY-I	3 3 2 1 3 0	0 0 2 2 0 0	0 0 0 0 0 2	3 3 3 2 3 1	5 5 4 4 4 4 4	PREREQUISITE FOR	co		COURSE NAME MACHINE DESIGN-II OTNAMICS OF MACHINERY MECHANICAL VIBRATIONS FACULTE LECTIVE-II HEAT TRANSFER-II LABRATORY-II SEMESTER VI TOTA	3 3 3 3 0 0	0 0 0 0 0 0	0 0 0 0 0 2 2 2	3 3 3 3 1 1	5 5 4 5 4 28	
COURSE CODE	COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1	3 2 1 3 0 0	0 0 2 2 0 0 0	0 0 0 0 2 0	3 3 3 2 3 1 0	5 5 4 4 4 4 2	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME MACHINE DESIGN II OYRAMICS OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELECTIV-II HEAT TRANSFER-II LABRATORY-II	3 3 3 3 0 0	0 0 0 0 0 0	0 0 0 0 0 2 2 2	3 3 3 3 1 1	5 5 4 5 4 28	
COURSE CODE	COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER V TOTAL	3 2 1 3 0 0	0 0 2 2 0 0 0	0 0 0 0 2 0	3 3 3 2 3 1 0	5 5 4 4 4 4 2	PREREQUISITE FOR Mechanics of Materials	co	OURSE CODE	COURSE NAME MACHINE DESIGN-II DYNAMICS OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELECTIVE-II HEAT TRANSFER-II LABRATORY-II SEMESTER VI TOTA THIRD YEAR TOTA	3 3 3 3 0 0	0 0 0 0 0 0	0 0 0 0 0 2 2 2	3 3 3 3 1 1	5 5 4 5 4 28	
	COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VII SEMESTER VII	3 3 1 3 0 0	0 0 2 2 0 0 0 0 0	0 0 0 2 0 2 2	3 3 2 3 1 0 15	5 5 4 4 4 4 4 2 28	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME MACHINE DESIGN-II DYNAMIES OF MACHINERY MECHANICAL VIENBATIONS FACULTY ELECTIVE-II HEAT TRANSFEN-II LABRATORY-II SEMESTER VI TOTA THIRD YEAR TOTA SEMESTER VIII	3 3 3 3 0 15 27	0 0 0 0 0 0 0 0 4	0 0 0 0 2 2 2 4	3 3 3 3 1 1 16 31	5 5 4 5 4 28 56	Mechanics of Materials-I
	COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER V TOTAL SEMESTER VII COURSE NAME	3 3 1 3 0 0 0 12 T	0 0 2 2 0 0 0 0 4 4	0 0 0 2 0 2 2	3 3 2 3 1 0 15 C	5 5 4 4 4 4 4 2 2 8 28 ECTS	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME	3 3 3 0 15 27	0 0 0 0 0 0 0 4	0 0 0 0 2 2 4	3 3 3 3 1 1 16 31	5 5 4 5 4 28 56 ECTS	Mechanics of Materials-I
	COURSE NAME AMACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACUITY ELECTIVE-1 LABORATORY-1 INTERNSMIP-1 SEMESTER VI TOTAL SEMESTER VI TOTAL COURSE NAME GRADUATION PROJECT-1	3 2 1 3 0 0 12 T 2	0 0 2 2 0 0 0 0 4 4 2 0	0 0 0 2 0 2 0 2 2 0	3 3 2 3 1 0 15 	5 5 4 4 4 4 2 2 8 5 5	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME DYNAMIES OF NACHINERY MECHANICAL VIRBATIONS FACULTY ELECTIVE-II NEAT TRANSFER-II LBRATORY-II SEMESTER VII TOTA THIRD YEAR TOTA THIRD YEAR TOTA COURSE NAME GRADUATION PROJECT-II	3 3 3 3 0 15 27 T 2	0 0 0 0 0 0 0 4 4	0 0 0 0 2 2 2 4 4	3 3 3 3 1 1 16 31	5 5 4 5 4 28 56 ECTS 5	Mechanics of Materials-I
	COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS NACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER V TOTAL COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1	3 2 1 3 0 0 12 T 2 3	0 0 2 2 0 0 0 0 0 4 4 4	0 0 0 2 0 2 2 0 2 0 0 2 0 0 2 0 0 0 0 0	3 3 2 3 1 0 15 	5 5 4 4 4 4 2 28 28 5 5 5 5	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME DYNAMICS OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELECTVE-II HEAT TRANSFER-II LABRATORY-II SEMESTER VI TOTA THIRD YEAR TOTA COURSE NAME GRADUATION PROJECT-II TECNICAL ELECTVE-III	3 3 3 3 0 15 27 T 2 3	0 0 0 0 0 0 0 0 4 8 8 8 8 8 8 8 8 8 8 8	0 0 0 2 2 2 4 4	3 3 3 3 1 1 16 31 2 2 3	5 5 4 5 4 28 56 ECTS 5 5	Mechanics of Materials-I
	ICOURSE NAME INACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNISMIP-1 SEMESTER VI TOTAL SEMESTER V TOTAL COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1 TECHNICAL ELECTIVE-1 TECHNICAL ELECTIVE-1	3 3 2 1 3 0 0 0 12 7 2 3 3 3	0 0 2 2 0 0 0 0 4 4 A 0 0 0 0	0 0 0 2 0 2 2 0 2 2 0 0 2 0 0 0 0 0 0 0	3 3 3 1 0 15 5 7 2 3 3 3	5 5 4 4 4 4 2 2 28 5 5 5 5 5 5	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME COURSE OF NACHINERY MACHINE DESIGN-II DYNAMUS OF NACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II LABATORY-II LABATORY-II CABATORY-II SEMESTER VIII COURSE NAME SEMESTER VIII COURSE NAME COURSE NA	3 3 3 3 0 15 27 T 2 3 3	0 0 0 0 0 0 0 0 4 8 0 0 0 0 0 0	0 0 0 2 2 4 1 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 1 1 16 31 2 2 3 3	5 5 4 5 4 28 56 5 5 5 5 5 5 5	Mechanics of Materials-I
	ICOURSE NAME IMACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICA, METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VI COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1	3 3 2 1 3 0 0 0 12 7 2 3 3 3 3	0 0 2 0 0 0 0 4 4 8 0 0 0 0 0 0	0 0 0 2 0 2 2 0 2 2 0 0 0 0 0 0 0 0	3 3 3 2 3 1 0 0 15 15 2 2 3 3 3 3 3	5 5 4 4 4 2 28 5 5 5 5 5 5 5 5 5	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME MACHINE DESIGN II DYVAMICS OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELECTIVE-II HEAT TRANSFER-II LABRATORY-II SEMESTER VIII COURSE NAME SEMESTER VIII COURSE NAME GRADUATION PROJECT-II TECNICAL ELECTIVE-II	3 3 3 3 0 15 27 T 2 3 3 3 3	0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0	0 0 0 2 2 4 1 0 0 0 0 0 0 0 0 0 0	3 3 3 3 1 1 16 31 31 C 2 3 3 3 3	5 5 4 5 4 28 56 28 56 55 5 5 5 5 5 5	Mechanics of Materials-I
	ICOURSE NAME INACHINE DESIGN-1 HEAT TRANSFER-1 WILMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNISHIP-1 SEMESTER VI COURSE NAME SEMESTER VII COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1	3 3 2 1 3 0 0 0 12 12 7 2 3 3 3 2	0 0 2 0 0 0 0 4 4 8 0 0 0 0 0 0 0 0	0 0 0 2 0 2 2 2	3 3 3 1 1 0 15 5 2 2 3 3 3 3 2	5 5 4 4 4 2 28 28 5 5 5 5 5 5 5 5 3	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME COURSE OF NACHINERY MACHINE DESIGN-II DYNAMUES OF NACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II LABATORY-II LABATORY-II LABATORY-II COURSE NAME SEMESTER VIII COURSE NAME GRADUATION PROJECT-II TECNICAL ELECTIVE-IV TECNICAL ELECTIVE-IV TECNICAL ELECTIVE-V	3 3 3 3 0 15 27 T 2 3 3 3 3 3	0 0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 0	0 0 0 2 2 4 4 0 0 0 0 0 0 0 0	3 3 3 3 1 16 31 31 2 2 3 3 3 3 3 3 3	5 5 4 4 5 4 28 56 56 55 5 5 5 5 5 5 5 5 5 5	Mechanics of Materials-I
	COURSE NAME COURSE NAME COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VII COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1	3 3 2 1 3 0 0 0 12 12 7 2 3 3 3 2 3 3 2 3	0 0 2 2 0 0 0 0 4 4 4 0 0 0 0 0 0 0 0 0	0 0 0 2 0 2 2 2 2 1 0 0 0 0 0 0 0 0 0 0	3 3 3 1 0 15 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5 5 4 4 4 2 28 28 5 5 5 5 5 5 5 3 4	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME MACHINE DESIGN II DYVAMICS OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELECTIVE-II HEAT TRANSFER-II LABRATORY-II SEMESTER VIII COURSE NAME SEMESTER VIII COURSE NAME GRADUATION PROJECT-II TECNICAL ELECTIVE-II	3 3 3 3 0 15 27 T 2 3 3 3 3	0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0	0 0 0 2 2 4 1 0 0 0 0 0 0 0 0 0 0	3 3 3 3 1 16 31 31 2 2 3 3 3 3 3 3 3	5 5 4 4 5 4 28 56 56 55 5 5 5 5 5 5 5 5 5 5	Mechanics of Materials-I
	ICOURSE NAME INACHINE DESIGN-1 HEAT TRANSFER-1 WILMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNISHIP-1 SEMESTER VI COURSE NAME SEMESTER VII COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1	3 3 2 1 3 0 0 0 12 12 7 2 3 3 3 2	0 0 2 0 0 0 0 4 4 8 0 0 0 0 0 0 0 0	0 0 0 2 0 2 2 2	3 3 3 1 1 0 15 5 2 2 3 3 3 3 2	5 5 4 4 4 2 28 28 5 5 5 5 5 5 5 5 3	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME COURSE OF NACHINERY MACHINE DESIGN-II DYNAMUES OF NACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II LABATORY-II LABATORY-II LABATORY-II COURSE NAME SEMESTER VIII COURSE NAME GRADUATION PROJECT-II TECNICAL ELECTIVE-IV TECNICAL ELECTIVE-IV TECNICAL ELECTIVE-V	3 3 3 3 0 15 27 T 2 3 3 3 3 3	0 0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 0	0 0 0 2 2 4 4 0 0 0 0 0 0 0 0	3 3 3 3 1 16 31 31 2 2 3 3 3 3 3 3 3	5 5 4 4 5 4 28 56 56 55 5 5 5 5 5 5 5 5 5 5	Mechanics of Materials-I
	COURSE NAME COURSE NAME COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VII COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1	3 3 2 1 3 0 0 0 12 12 7 2 3 3 3 2 3 3 2 3	0 0 2 2 0 0 0 0 4 4 4 0 0 0 0 0 0 0 0 0	0 0 0 2 0 2 2 2 2 1 0 0 0 0 0 0 0 0 0 0	3 3 3 1 0 15 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5 5 4 4 4 2 28 28 5 5 5 5 5 5 5 3 4	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME COURSE OF NACHINERY MACHINE DESIGN-II DYNAMUES OF NACHINERY MECHANICAL VIBRATIONS FACULTY ELECTIVE-II LABATORY-II LABATORY-II LABATORY-II COURSE NAME SEMESTER VIII COURSE NAME GRADUATION PROJECT-II TECNICAL ELECTIVE-IV TECNICAL ELECTIVE-IV TECNICAL ELECTIVE-V	3 3 3 3 0 15 27 T 2 3 3 3 3 3	0 0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 0	0 0 0 2 2 4 4 0 0 0 0 0 0 0 0	3 3 3 3 1 16 31 31 2 2 3 3 3 3 3 3 3	5 5 4 4 5 4 28 56 56 55 5 5 5 5 5 5 5 5 5 5	Mechanics of Materials-I
	ICOURSE NAME INACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VI COURSE NAME SEMESTER VII COURSE NAME SEMESTER VII COURSE NAME SEMESTER VIII COURSE NAME SEMESTER VIIII SEMESTER VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3 3 2 1 1 3 0 0 0 0 12 12 3 3 3 2 2 3 3 0	0 0 2 2 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0	0 0 0 2 2 0 2 2 0 1 2 0 0 0 0 0 0 0 0 0	3 3 2 3 1 0 0 15 5 2 2 3 3 3 3 3 3 2 2 3 0	5 5 4 4 4 2 28 28 5 5 5 5 5 5 3 4 4 2	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME COURSES OF NACHINERY MACHINE DESIGN-II COURSE NAME ADDATE: COURSE NAME COURSE	3 3 3 3 0 15 27 T 2 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 2 2 4 2 4 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 16 31 3 3 3 3 3 3 3	5 5 4 5 4 28 56 5 5 5 5 5 5 5 5 5 5 5	Mechanics of Materials-I
	COURSE NAME COURSE NAME COURSE NAME MACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VII COURSE NAME GRADUATION PROJECT-1 TECHNICAL ELECTIVE-1	3 3 2 1 1 3 0 0 0 0 12 12 3 3 3 2 2 3 3 0	0 0 2 2 0 0 0 0 4 4 4 0 0 0 0 0 0 0 0 0	0 0 0 2 0 2 2 2 2 1 0 0 0 0 0 0 0 0 0 0	3 3 3 1 0 15 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5 5 4 4 4 2 28 28 5 5 5 5 5 5 3 4 4 2	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME MACHINE DESIGN II DYNAMIES OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELETIVE-II HEAT TRANSFER-II LABRATORY-II SEMESTER VI TOTA THIRD YEAR TOTA THIRD YEAR TOTA SEMESTER VIII COURSE NAME COURSE NAME COURSE NAME EECTIVE-III TECNICAL ELECTIVE-III TECNICAL ELECTIVE-VI TECNICAL ELECTIVE-VI TECNICAL ELECTIVE-VI SEMESTER VIII TOTAI	3 3 3 3 0 15 27 7 7 2 3 3 3 3 3 3 3 3 17	0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 2 2 2 4 4 2 4 0 0 0 0 0 0 0	3 3 3 3 1 1 16 31 31 2 2 3 3 3 3 3 3 3 3 3 17	5 5 4 4 5 28 56 5 5 5 5 5 5 5 5 5 5 5 3 0 30	Mechanics of Materials-1
	ICOURSE NAME INACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VI COURSE NAME SEMESTER VII COURSE NAME SEMESTER VII COURSE NAME SEMESTER VII COURSE NAME SEMESTER VIII COURSE NAME SEMESTER VIIII SEMESTER VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3 3 2 1 1 3 0 0 0 0 12 12 3 3 3 2 2 3 3 0	0 0 2 2 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0	0 0 0 2 2 0 2 2 0 1 2 0 0 0 0 0 0 0 0 0	3 3 2 3 1 0 0 15 5 2 2 3 3 3 3 3 3 2 2 3 0	5 5 4 4 4 2 28 28 5 5 5 5 5 5 3 4 4 2	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME COURSES OF NACHINERY MACHINE DESIGN-II COURSE NAME ADDATE: COURSE NAME COURSE	3 3 3 3 3 3 3 0 15 27 7 7 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 2 2 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 1 1 16 31 31 2 2 3 3 3 3 3 3 3 3 3 17	5 5 4 4 5 28 56 5 5 5 5 5 5 5 5 5 5 5 3 0 30	Mechanics of Materials-1 PREREQUISITE FOR
	ICOURSE NAME INACHINE DESIGN-1 HEAT TRANSFER-1 NUMERICAL METHODS MACHINE TOOLS FACULTY ELECTIVE-1 LABORATORY-1 INTERNSHIP-1 SEMESTER VI COURSE NAME SEMESTER VII COURSE NAME SEMESTER VII COURSE NAME SEMESTER VII COURSE NAME SEMESTER VIII COURSE NAME SEMESTER VIIII SEMESTER VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3 3 2 1 1 3 0 0 0 0 12 12 3 3 3 2 2 3 3 0	0 0 2 2 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0	0 0 0 2 2 0 2 2 0 1 2 0 0 0 0 0 0 0 0 0	3 3 2 3 1 0 0 15 5 2 2 3 3 3 3 3 3 2 2 3 0	5 5 4 4 4 2 28 28 5 5 5 5 5 5 3 4 4 2	PREREQUISITE FOR Mechanics of Materials		OURSE CODE	COURSE NAME COURSE NAME COURSE NAME MACHINE DESIGN II DYNAMIES OF MACHINERY MECHANICAL VIBRATIONS FACUITY ELETIVE-II HEAT TRANSFER-II LABRATORY-II SEMESTER VI TOTA THIRD YEAR TOTA THIRD YEAR TOTA SEMESTER VIII COURSE NAME COURSE NAME COURSE NAME EECTIVE-III TECNICAL ELECTIVE-III TECNICAL ELECTIVE-VI TECNICAL ELECTIVE-VI TECNICAL ELECTIVE-VI SEMESTER VIII TOTAI	3 3 3 3 3 3 3 0 15 27 7 7 3 3 3 3 3 3 3 3 3 3 7 707AL	0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3 3 3 1 1 16 31 3 3 3 3 3 3	5 5 4 4 5 28 56 5 5 5 5 5 5 5 5 5 5 5 3 0 30	Mechanics of Materials-1 PREREQUISITE FOR
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COURSE CODE	COURSE NAME	T	1000	L	К	AKTS	ÖN ŞART
COOLDE CODE	GARDUATION PROJECT-II	2	0	0	2	5	on yran
	APPLIED ENGINEERING EDUCATION	0	ő	0	15	25	
	FOURTH YEAR TOTAL		ő	0	33	59	
L			CREDIT	-	33	33	157
				S E HOUR			166
		TOTAL		LIIOOK	JL		243
		TOTAL	Leis				245
TIVE COURSES							
	TECHNICAL ELECTIV	E-11					
COURSE CODE	COURSE NAME	Т	A	L	С	ECTS	PREREQUISITE FOR
	Mechanical Behaviours of Materials	3	0	0	3	5	
	Finite Element Methods-II	3	0	0	3	5	
	Computational Fluid Dynamics	3	0	0	3	5	
	Mass Transfer	3	0	0	3	5	
	TECHNICAL ELECTIVE	iv					
COURSE CODE	COURSENAME						
	Microsystem and MEMS Design	3	0	0	3	5	
	Tribology	3	0	0	3	5	
	Heat Exchangers	3	0	0	3	5	
	Energy Management	3	0	0	3	5	
	TECHNICAL ELECTIVE-	VI					
COURSE CODE	COURSE NAME						
	Failure Analysis	3	0	0	3	5	
	Heat Treatments	3	0	0	3	5	
	Natural Gas Systems	3	0	0	3	5	
	Optimization Techniques	3	0	0	3	5	

							TECHNICA	L EL
	TECHNICAL E	LECTIVE-I						
OURSE CODE	COURSE NAME	Т	Α	L	С	ECTS	PREREQUISITE FOR	
	Mechanical Experiments in Engineering	3	0	0	3	5		
	Finite Element Methods-I	3	0	0	3	5		
	Renewable Energy Systems	3	0	0	3	5		
	Refrigeration Technology	3	0	0	3	5		
	TECHNICAL EI	ECTIVE-III						
COURSE CODE	COURSE NAME							
	Internal Combustion Engines	3	0	0	3	5		
	Transport Tecnique	3	0	0	3	5		
	Hydraulic Machinery	3	0	0	3	5		
	Electrical and Hybrid Electrical Vehicles	3	0	0	3	5		
	TECHNICAL E	LECTIVE-V						
COURSE CODE	COURSE NAME							
	Composite Materials	3	0	0	3	5		
	Mechanisms	3	0	0	3	5		
	Energy conversion Systems	3	0	0	3	5		
	Hydraulic and Pneumatic Circuits	3	0	0	3	5		
	TECHNICAL EL	ECTIVE-VII						
COURSE CODE	COURSE NAME							
	Introduction to Nanotechnology and Nano systems	3	0	0	3	5		
	Fuels and Combustion	3	0	0	3	5		1
	Mechanical Installation for Buildings	3	0	0	3	5	1	

FACULTY ELECTIVE COURSES																
FALL SEMESTER FACULTY ELECTIVE COURSES									SPRING SEMESTER FACULTY ELECTIVE COURSES							
COURSE CODE	COURSE NAME	т	A	L	с	ECTS	PREREQUISITE FOR		COURSE CODE	COURSE NAME	т	А	L	с	ECTS	PREREQUISITE FOR
	Entrepreneurship-I	3	0	0	3	- 4				Entrepreneurship-II	3	0	0	3	4	
	Introduction to Economy	3	0	0	3	- 4				Communication Skills	3	0	0	3	4	
	Business Administration	3	0	0	3	4				Introduction to Turkish and Islamic Philosophy	3	0	0	3	4	
	Sociology	3	0	0	3	- 4				Business Law	3	0	0	3	4	
	Industrial Relations	3	0	0	3	4				Financial Management	3	0	0	3	4	
	Engineering Ethics	3	0	0	3	4				Human Reseources Management	3	0	0	3	4	
	Public Relations	3	0	0	3	- 4				History and Philosophy of Science	3	0	0	3	4	
	Construction Management	3	0	0	3	4				Traffic Safety	3	0	0	3	4	
	Plant Organization	3	0	0	3	- 4										