

ALANYA ALAADDİN KEYKUBAT UNIVERSITY																
RAFET KAYIŞ FACULTY OF ENGINEERING																
DEPARTMENT OF MECHANICAL ENGINEERING (ENGLISH)																
MECHANICAL ENGINEERING PROGRAM CURRICULUM																
YEAR I																
SEMESTER I																
COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL CREDIT	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRE-CONDITION STATUS	PRE-CONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE	
		T	P	L												
TDB 101	TURKISH LANGUAGE I	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-	
MCE 101	INTRODUCTION TO MECHANICAL ENGINEERING	2	0	0	2	3	C	English	N	-	N	-	N	-	-	
MCE 103	TECHNICAL DRAWING	2	2	0	3	7	C	English	N	-	N	-	N	-	-	
MCE 105	PHYSICS I	3	0	1	4	5	C	English	N	-	N	-	N	-	-	
MCE 107	MATHEMATICS I	4	0	0	4	5	C	English	N		N		N			
MCE 109	INTRODUCTION TO COMPUTER AND INFORMATION SYSTEMS	1	1	0	2	2	C	English	N	-	N	-	N	-	-	
MCE 111	CHEMISTRY	3	0	1	4	4	C	English	N	-	N	-	N	-	-	
SEC 101	NONTECHNICAL ELECTIVE I	2	0	0	2	2	CE	English	N	-	N	-	Y	-	1	
TOTAL		19	3	2	23	30										
YEAR I																
SEMESTER II																
COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL CREDIT	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRE-CONDITION STATUS	PRE-CONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE	
		T	P	L												
TDB 102	TURKISH LANGUAGE II	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-	
MCE 102	STATICS	3	0	0	3	5	C	English	N	-	N	-	N	-	-	
MCE 104	COMPUTER AIDED TECHNICAL DRAWING	2	2	0	3	5	C	English	N	-	Y	MCE 103	N	-	-	
MCE 106	PROBABILITY AND STATISTICS	2	0	0	2	3	C	English	N	-	N	-	N	-	-	
MCE 108	MATHEMATICS II	4	0	0	4	5	C	English	N	-	N	-	N	-	-	
MCE 110	INTRODUCTION TO SCIENTIFIC PROGRAMMING	2	2	0	3	5	C	English	N	-	N	-	N	-	-	
MCE 112	PHYSICS II	3	0	1	4	5	C	English	N	-	N	-	N	-	-	
TOTAL		18	4	1	21	30										
YEAR II																
SEMESTER III																
COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL CREDIT	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRE-CONDITION STATUS	PRE-CONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE	
		T	P	L												
ATA 101	PRINCIPLES OF ATATURK AND TURKISH REVOLUTION HISTORY I	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-	
MCE 201	STRENGTH OF MATERIALS I	3	0	0	3	5	C	English	N	-	Y	MCE 102	N	-	-	
MCE 203	DYNAMICS	3	0	0	3	6	C	English	N	-	N	-	N	-	-	
MCE 205	THERMODYNAMICS I	3	0	0	3	5	C	English	N	-	N	-	N	-	-	
MCE 207	MATERIAL SCIENCE	4	0	0	4	5	C	English	N	-	N	-	N	-	-	
MCE 209	DIFFERENTIAL EQUATIONS	4	0	0	4	5	C	English	N	-	N	-	N	-	-	
SEC 201	NONTECHNICAL ELECTIVE II	2	0	0	2	2	CE	English	N	-	N	-	Y	-	1, A	
TOTAL		21	0	0	21	30										
YEAR II																
SEMESTER IV																
COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL CREDIT	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRE-CONDITION STATUS	PRE-CONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE	
		T	P	L												
ATA 102	PRINCIPLES OF ATATURK AND TURKISH REVOLUTION HISTORY II	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-	
MCE 202	STRENGTH OF MATERIALS II	3	0	0	3	5	C	English	N	-	Y	MCE 102	N	-	-	
MCE 204	FLUID MECHANICS I	3	0	0	3	5	C	English	N	-	N	-	N	-	-	
MCE 206	THERMODYNAMICS II	3	0	0	3	5	C	English	N	-	Y	MCE 205	N	-	-	
MCE 208	NUMERICAL METHODS	3	0	0	3	4	C	English	N	-	N	-	N	-	-	
MCE 210	LINEAR ALGEBRA	3	0	0	3	5	C	English	N	-	N	-	N	-	-	
SEC 212	TECHNICAL ELECTIVE I	2	2	0	3	4	CE	English	N	-	N	-	Y	-	1	
MCE 212.1	COMPUTER															

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YEAR III																
SEMESTER VI																
COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL CREDIT	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRE-CONDITION STATUS	PRE-CONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE	
		T	P	L												
MCE 302	HEAT TRANSFER	4	0	0	4	5	C	English	N	-	N	-	N	-	-	
MCE 304	MACHINE ELEMENTS II	3	0	0	3	5	C	English	N	-	N	-	N	-	-	
MCE 306	MANUFACTURING PROCESSES II	3	0	0	3	5	C	English	N	-	N	-	N	-	-	
MCE 308	THEORY OF MACHINES II	3	0	0	3	5	C	English	N	-	N	-	N	-	-	
SEC 310	TECHNICAL ELECTIVE III	3	0	0	3	5	CE	English	N	-	N	-	Y	-	1	
MCE 310.1	COMPOSITE MATERIALS	3	0	0	3	5	E	English	N	-	N	-	Y	SEC 310	-	
MCE 310.2	REFRIGERATION															
SEC 312	TECHNICAL ELECTIVE IV	3	0	0	3	5	CE	English	N	-	N	-	Y	-	1	
MCE 312.1	INTERMEDIATE STRENGTH OF MATERIALS	3	0	0	3	5	E	English	N	-	N	-	Y	SEC 312	-	
MCE 312.2	PIPELINE ENGINEERING															
TOTAL		19	0	0	19	30										
YEAR IV																
SEMESTER VII																
COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL CREDIT	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRE-CONDITION STATUS	PRE-CONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE	
		T	P	L												
MCE 401	GRADUATION PROJECT I	0	3	0	2	3	C	English	N	-	Y	-	N	-	4	
MCE 403	MECHANICAL ENGINEERING LABORATORY I	1	0	2	2	3	C	English	N	-	N	-	N	-	4	
MCE 405	CONTROL SYSTEMS	3	0	0	3	4	C	English	N	-	N	-	N	-	-	
MCE 407	INTERNSHIP II	0	0	0	0	3	C	English	N	-	N	-	N	-	B	
ISG 401	OCCUPATIONAL HEALTH AND SAFETY I	2	0	0	2	2	C	English	N	-	N	-	N	-	-	
SEC 409	TECHNICAL ELECTIVE V	3	0	0	3	5	CE	English	N	-	N	-	Y	-	3	
MCE 409.1	INTRODUCTION TO FRACTURE MECHANICS	3	0	0	3	5	E	English	N	-	N	-	Y	SEC 409	-	
MCE 409.2	MECHANICS OF COMPOSITE STRUCTURES															
MCE 409.3	HVAC SYSTEMS															
MCE 409.4	ROBOTICS															
MCE 409.5	COMBUSTION AND ENGINES															
MCE 409.6	COMPUTER AIDED MANUFACTURING															
MCE 409.7	AUTOMOTIVE TECHNOLOGY															
TOTAL		15	3	2	18	30										
YEAR IV																
SEMESTER VIII																
COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL CREDIT	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRE-CONDITION STATUS	PRE-CONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE	
		T	P	L												
MCE 402	GRADUATION PROJECT II	0	3	0	2	4	C	English	N	-	Y	MCE 401	N	-	-	
MCE 404	MECHANICAL ENGINEERING LABORATORY II	1	0	2	2	4	C	English	N	-	N	-	N	-	4	
ISG 402	OCCUPATIONAL HEALTH AND SAFETY II	1	0	0	1	1	C	English	N	-	N	-	N	-	-	
SEC 406	TECHNICAL ELECTIVE VI	3	0	0	3	6	CE	English	N	-	N	-	Y	-	3	
MCE 406.1	ENERGY EFFICIENCY AND MANAGEMENT	3	0	0	3	6	E	English	N	-	N	-	Y	SEC 406	-	
MCE 406.2	APPLIED MECHANICS															
MCE 406.3	ENERGY TECHNOLOGY															
MCE 406.4	MECHANICAL VIBRATIONS															
MCE 406.5	INTERMEDIATE MANUFACTURING PROCESSES															
MCE 406.6	MATERIALS CHARACTERIZATION															
SEC 408	NONTECHNICAL ELECTIVE III	2	0	0	2	3	CE	English	N	-	N	-	Y	-	1	
MCE 408.1	ENGINEERING ETHICS	2	0	0	2	3	E	English	N	-	N	-	Y	SEC 408	-	
MCE 408.2	TOTAL PRODUCTIVE MANAGEMENT															
MCE 408.3	TOTAL QUALITY MANAGEMENT															
MCE 408.4	ENTREPRENEURSHIP															
MCE 408.5	ECONOMICS															
MCE 408.6	PROJECT MANAGEMENT															
TOTAL		13	3	2	16	30										
*Abbreviations: T: Theoretical, P: Practice, L: Laboratory, C: Compulsory, E: Elective, CE: Compulsory Elective, Y: Yes, N: No																
DESCRIPTIONS																
1	Only 1 (one) course from the related group must be selected.															
2	Only 2 (two) courses from the related group must be selected.															
3	Only 3 (three) courses from the related group must be selected.															
4	In order to take this course, the student must be classified as 4th (fourth) class based on ALKÜ Ön Lisans ve Lisans Eğitim Öğretim Yönetmeliği.															
A	Appropriate elective courses are available in OBS.															
B	Students must complete their workplace training (internships) to be successful from this course.															

