



Alanya Alaaddin Keykubat Üniversitesi

RAFET KAYIŞ MÜHENDİSLİK FAKÜLTESİ

MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ

MAKİNE MÜHENDİSLİĞİ (İNG.)

1.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
MCE 101	INTRODUCTION TO MECHANICAL ENGINEERING	2+0+0	Zorunlu	3
MCE 103	TECHNICAL DRAWING	2+2+0	Zorunlu	7
MCE 105	PHYSICS I	3+0+1	Zorunlu	5
MCE 107	MATHEMATICS I	4+0+0	Zorunlu	5
MCE 109	INTRODUCTION TO COMPUTER AND INFORMATION SYSTEMS	1+1+0	Zorunlu	2
MCE 111	CHEMISTRY	3+0+1	Zorunlu	4
TDB 101	TURKISH LANGUAGE I	2+0+0	Zorunlu	2
SEC 101	NONTECHNICAL ELECTIVE I	2+0+0	Seçmeli	2
			Toplam AKTS	30
Gruplu Dersler				
KRP 101	CAREER PLANNING	2+0+0	Zorunlu	2
SEC 101.1	HISTORY OF ART	2+0+0	Seçmeli	2
SEC 101.10	BASKETBALL	2+0+0	Seçmeli	2
SEC 101.11	TENNIS	2+0+0	Seçmeli	2
SEC 101.12	TABLE TENNIS	2+0+0	Seçmeli	2
SEC 101.13	FOLK DANCES	2+0+0	Seçmeli	2
SEC 101.14	MUSIC CULTURE	2+0+0	Seçmeli	2
SEC 101.15	ARTS&PAINTING	2+0+0	Seçmeli	2
SEC 101.16	THEATRE AND CINEMA	2+0+0	Seçmeli	2
SEC 101.17	HEALTHY LIVING	2+0+0	Seçmeli	2
SEC 101.18	NUTRITION	2+0+0	Seçmeli	2
SEC 101.19	MEDIA LITERACY	2+0+0	Seçmeli	2
SEC 101.2	HISTORY AND PHILOSOPHY OF SCIENCE	2+0+0	Seçmeli	2
SEC 101.20	MATHEMATICAL ESTHETICS	2+0+0	Seçmeli	2
SEC 101.21	INDUSTRIAL DESIGN	2+0+0	Seçmeli	2
SEC 101.22	BASIC PHOTOGRAPHY	2+0+0	Seçmeli	2
SEC 101.23	SURFING	2+0+0	Seçmeli	2
SEC 101.24	JAPANESE I	2+0+0	Seçmeli	2
SEC 101.25	JAPANESE II	2+0+0	Seçmeli	2
SEC 101.26	MYTHOLOGY	2+0+0	Seçmeli	2
SEC 101.27	ANCIENT CITY	2+0+0	Seçmeli	2
SEC 101.28	SOCIOLOGY	2+0+0	Seçmeli	2
SEC 101.29	PHILOSOPHY	2+0+0	Seçmeli	2
SEC 101.3	DISASTER AWARENESS	2+0+0	Seçmeli	2
SEC 101.30	ANCIENT DNA: HISTORY OF THE PAST	2+0+0	Seçmeli	2
SEC 101.31	GENETIC HERITAGE	2+0+0	Seçmeli	2
SEC 101.32	MODERN GENETIC APPLICATIONS: GENE CLONING	2+0+0	Seçmeli	2
SEC 101.33	FOOD AND FOOD CULTURE	2+0+0	Seçmeli	2
SEC 101.34	DIET AND HEALTH	2+0+0	Seçmeli	2
SEC 101.35	TRADITIONAL FOODS	2+0+0	Seçmeli	2
SEC 101.36	ORGANIC AGRICULTURE	2+0+0	Seçmeli	2
SEC 101.37	WESTERN CIVILIZATION HISTORY I	2+0+0	Zorunlu	2
SEC 101.38	WESTERN CIVILIZATION HISTORY II	2+0+0	Zorunlu	2
SEC 101.39	HISTORY AND TECHNIQUES OF FISHING	2+0+0	Zorunlu	2
SEC 101.4	ELOQUENT SPEECH	2+0+0	Seçmeli	2
SEC 101.5	BASIC FIRST AID AND EMERGENCY	2+0+0	Seçmeli	2
SEC 101.6	ARCHERY	2+0+0	Seçmeli	2
SEC 101.7	BOXING, KARATE AND TAEKWONDO	2+0+0	Seçmeli	2
SEC 101.8	FOOTBALL	2+0+0	Seçmeli	2
SEC 101.9	VOLLEYBALL	2+0+0	Seçmeli	2
2.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
MCE 102	STATICS	3+0+0	Zorunlu	5
MCE 104	COMPUTER AIDED TECHNICAL DRAWING	2+2+0	Zorunlu	5
MCE 106	PROBABILITY AND STATISTICS	2+0+0	Zorunlu	3
MCE 108	MATHEMATICS II	4+0+0	Zorunlu	5
MCE 110	INTRODUCTION TO SCIENTIFIC PROGRAMMING	2+2+0	Zorunlu	5
MCE 112	PHYSICS II	3+0+1	Zorunlu	5

TDB 102	TURKISH LANGUAGE II	2+0+0	Zorunlu	2
			Toplam AKTS	30
3.Yariyil Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ATA 101	PRINCIPLES OF ATATURK AND TURKISH REVOLUTION HISTORY I	2+0+0	Zorunlu	2
MCE 201	STRENGTH OF MATERIALS I	3+0+0	Zorunlu	5
MCE 203	DYNAMICS	3+0+0	Zorunlu	6
MCE 205	THERMODYNAMICS I	3+0+0	Zorunlu	5
MCE 207	MATERIAL SCIENCE	4+0+0	Zorunlu	5
MCE 209	DIFFERENTIAL EQUATIONS	4+0+0	Zorunlu	5
FOR2GÜZ	FOR2GÜZ	0+0+0	Seçmeli	0
SEC 201	NONTECHNICAL ELECTIVE II	2+0+0	Seçmeli	2
			Toplam AKTS	30
Gruplu Dersler				
FOR 201	EĞİTİME GİRİŞ	3+0+0	Seçmeli	4
FOR 203	ÖĞRETİM İLKE VE YÖNTEMLERİ	3+0+0	Seçmeli	4
SEC 201.1	HISTORY OF ART	2+0+0	Seçmeli	2
SEC 201.10	BASKETBALL	2+0+0	Seçmeli	2
SEC 201.11	TENNIS	2+0+0	Seçmeli	2
SEC 201.12	TABLE TENNIS	2+0+0	Seçmeli	2
SEC 201.13	FOLK DANCE	2+0+0	Seçmeli	2
SEC 201.14	MUSIC CULTURE	2+0+0	Seçmeli	2
SEC 201.15	ARTS&PAINTING	2+0+0	Seçmeli	2
SEC 201.16	THEATRE AND CINEMA	2+0+0	Seçmeli	2
SEC 201.17	HEALTHY LIVING	2+0+0	Seçmeli	2
SEC 201.18	NUTRITION	2+0+0	Seçmeli	2
SEC 201.19	MEDIA LITERACY	2+0+0	Seçmeli	2
SEC 201.2	HISTORY AND PHILOSOPHY OF SCIENCE	2+0+0	Seçmeli	2
SEC 201.20	MATHEMATICAL ESTHETICS	2+0+0	Seçmeli	2
SEC 201.21	INDUSTRIAL DESIGN	2+0+0	Seçmeli	2
SEC 201.22	BASIC PHOTOGRAPHY	2+0+0	Seçmeli	2
SEC 201.23	SURFING	2+0+0	Seçmeli	2
SEC 201.24	JAPANESE I	2+0+0	Seçmeli	2
SEC 201.25	JAPANESE II	2+0+0	Seçmeli	2
SEC 201.26	MYTHOLOGY	2+0+0	Seçmeli	2
SEC 201.27	ANCIENT CITY	2+0+0	Seçmeli	2
SEC 201.28	SOCIOLOGY	2+0+0	Seçmeli	2
SEC 201.29	PHILOSOPHY	2+0+0	Seçmeli	2
SEC 201.3	DISASTER AWARENESS	2+0+0	Seçmeli	2
SEC 201.30	ANCIENT DNA: HISTORY OF THE PAST	2+0+0	Seçmeli	2
SEC 201.31	GENETIC HERITAGE	2+0+0	Seçmeli	2
SEC 201.32	MODERN GENETIC APPLICATIONS: GENE CLONING	2+0+0	Seçmeli	2
SEC 201.33	FOOD AND FOOD CULTURE	2+0+0	Seçmeli	2
SEC 201.34	DIET AND HEALTH	2+0+0	Seçmeli	2
SEC 201.35	TRADITIONAL FOODS	2+0+0	Seçmeli	2
SEC 201.36	ORGANIC AGRICULTURE	2+0+0	Seçmeli	2
SEC 201.37	WESTERN CIVILIZATION HISTORY I	2+0+0	Zorunlu	2
SEC 201.38	WESTERN CIVILIZATION HISTORY II	2+0+0	Zorunlu	2
SEC 201.39	HISTORY AND TECHNIQUES OF FISHING	2+0+0	Zorunlu	2
SEC 201.4	ELOQUENT SPEECH	2+0+0	Seçmeli	2
SEC 201.6	ARCHERY	2+0+0	Seçmeli	2
SEC 201.7	BOXING, KARATE AND TAEKWONDO	2+0+0	Seçmeli	2
SEC 201.8	FOOTBALL	2+0+0	Seçmeli	2
SEC 201.9	VOLLEYBALL	2+0+0	Seçmeli	2
4.Yariyil Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ATA 102	PRINCIPLES OF ATATURK AND TURKISH REVOLUTION HISTORY II	2+0+0	Zorunlu	2
MCE 202	STRENGTH OF MATERIALS II	3+0+0	Zorunlu	5
MCE 204	FLUID MECHANICS I	3+0+0	Zorunlu	5
MCE 206	THERMODYNAMICS II	3+0+0	Zorunlu	5
MCE 208	NUMERICAL METHODS	3+0+0	Zorunlu	4
MCE 210	LINEAR ALGEBRA	3+0+0	Zorunlu	5
FOR2BAHAR	FOR2BAHAR	0+0+0	Seçmeli	0
SEC 212	TECHNICAL ELECTIVE I	2+2+0	Seçmeli	4
			Toplam AKTS	30
Gruplu Dersler				
FOR 202	SINIF YÖNETİMİ	2+0+0	Seçmeli	3

FOR 204	ÖZEL ÖĞRETİM YÖNTEMLERİ	3+0+0	Seçmeli	4
MCE 212.1	COMPUTER AIDED DESIGN	2+2+0	Seçmeli	4
MCE 212.2	COMPUTATIONAL TOOLS IN MECHANICAL ENGINEERING	2+2+0	Seçmeli	4

5.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
MCE 301	INTERNSHIP I	0+0+0	Zorunlu	3
MCE 303	FLUID MECHANICS II	3+0+0	Zorunlu	4
MCE 305	MACHINE ELEMENTS I	3+0+0	Zorunlu	5
MCE 307	MANUFACTURING PROCESSES I	3+0+0	Zorunlu	4
MCE 309	THEORY OF MACHINES I	3+0+0	Zorunlu	4
MCE 311	RENEWABLE ENERGY	3+0+0	Zorunlu	4
FOR3GÜZ	FOR3GÜZ	0+0+0	Seçmeli	0
SEC 313	TECHNICAL ELECTIVE II	2+2+0	Seçmeli	6
Toplam AKTS				30
Gruplu Dersler				
FOR 301	REHBERLİK VE ÖZEL EĞİTİM	3+0+0	Seçmeli	4
FOR 303	EĞİTİMDE ÖLÇME VE DEĞERLENDİRME	3+0+0	Seçmeli	4
MCE 313.1	COMPUTER AIDED STRUCTURAL ANALYSIS	2+2+0	Seçmeli	6
MCE 313.2	COMPUTATIONAL FLUID DYNAMICS	2+2+0	Seçmeli	6

6.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
MCE 302	HEAT TRANSFER	4+0+0	Zorunlu	5
MCE 304	MACHINE ELEMENTS II	3+0+0	Zorunlu	5
MCE 306	MANUFACTURING PROCESSES II	3+0+0	Zorunlu	5
MCE 308	THEORY OF MACHINES II	3+0+0	Zorunlu	5
FOR3BAHAR	FOR3BAHAR	0+0+0	Seçmeli	0
SEC 310	TECHNICAL ELECTIVE III	3+0+0	Seçmeli	5
SEC 312	TECHNICAL ELECTIVE IV	3+0+0	Seçmeli	5
Toplam AKTS				30
Gruplu Dersler				
FOR 302	EĞİTİM PSİKOLOJİSİ	3+0+0	Seçmeli	4
FOR 304	ÖĞRETİM TEKNOLOJİLERİ	2+0+0	Seçmeli	3
MEC 310.1	COMPOSITE MATERIALS	3+0+0	Zorunlu	5
MEC 310.2	REFRIGERATION	3+0+0	Seçmeli	5
MEC 312.1	INTERMEDIATE STRENGTH OF MATERIALS	3+0+0	Seçmeli	5
MEC 312.2	PIPELINE ENGINEERING	3+0+0	Seçmeli	5

7.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ISG 401	OCCUPATIONAL HEALTH AND SAFETY I	2+0+0	Zorunlu	2
MCE 401	GRADUATION PROJECT I	0+3+0	Zorunlu	3
MCE 403	MECHANICAL ENGINEERING LABORATORY I	1+0+2	Zorunlu	3
MCE 405	CONTROL SYSTEMS	3+0+0	Zorunlu	4
MCE 407	INTERNSHIP II	0+0+0	Zorunlu	3
FOR4GÜZ	FOR4GÜZ	0+0+0	Seçmeli	0
SEC 409	TECHNICAL ELECTIVE V	3+0+0	Seçmeli	15
Toplam AKTS				30
Gruplu Dersler				
FOR 401G	ÖĞRETMENLİK UYGULAMASI	1+8+0	Seçmeli	10
MCE 409.1	INTRODUCTION TO FRACTURE MECHANICS	3+0+0	Seçmeli	5
MCE 409.2	MECHANICS OF COMPOSITE STRUCTURES	3+0+0	Seçmeli	5
MCE 409.3	HVAC SYSTEMS	3+0+0	Seçmeli	5
MCE 409.4	ROBOTICS	3+0+0	Seçmeli	5
MCE 409.5	COMBUSTION AND ENGINES	3+0+0	Seçmeli	5
MCE 409.6	COMPUTER AIDED MANUFACTURING	3+0+0	Zorunlu	5
MCE 409.7	AUTOMOTIVE TECHNOLOGY	3+0+0	Zorunlu	5

8.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ISG 402	OCCUPATIONAL HEALTH AND SAFETY II	1+0+0	Zorunlu	1
MCE 402	GRADUATION PROJECT II	0+3+0	Zorunlu	4
MCE 404	MECHANICAL ENGINEERING LABORATORY II	1+0+2	Zorunlu	4
FOR4BAHAR	FOR4BAHAR	0+0+0	Seçmeli	0
SEC 406	TECHNICAL ELECTIVE VI	3+0+0	Seçmeli	18
SEC 408	NONTECHNICAL ELECTIVE III	2+0+0	Seçmeli	3
Toplam AKTS				30
Gruplu Dersler				

FOR 401B	ÖĞRETMENLİK UYGULAMASI	1+8+0	Seçmeli	10
MCE 406.1	ENERGY EFFICIENCY AND MANAGEMENT	3+0+0	Seçmeli	6
MCE 406.2	APPLIED MECHANICS	3+0+0	Seçmeli	6
MCE 406.3	ENERGY TECHNOLOGY	3+0+0	Seçmeli	6
MCE 406.4	MECHANICAL VIBRATIONS	3+0+0	Seçmeli	6
MCE 406.5	INTERMEDIATE MANUFACTURING PROCESSES	3+0+0	Seçmeli	6
MCE 406.6	MATERIALS CHARACTERIZATION	3+0+0	Seçmeli	6
MCE 408.1	ENGINEERING ETHICS	2+0+0	Seçmeli	3
MCE 408.2	TOTAL PRODUCTIVE MANAGEMENT	2+0+0	Seçmeli	3
MCE 408.3	TOTAL QUALITY MANAGEMENT	2+0+0	Seçmeli	3
MCE 408.4	ENTREPRENEURSHIP	2+0+0	Seçmeli	3
MCE 408.5	ECONOMICS	2+0+0	Seçmeli	3
MCE 408.6	PROJECT MANAGEMENT	2+0+0	Seçmeli	3