



Kafkas Üniversitesi
FACULTY OF ENGINEERING AND ARCHITECTURE
DEPARTMENT OF MECHANICAL ENGINEERING
Makine Mühendisliği

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
2020FİZ1012021	PHYSICAL	3+0+2	Compulsory	6
2020KİM1012021	GENERAL CHEMISTRY	3+0+2	Compulsory	6
2020MAT1012021	MATHEMATICS-I	4+0+0	Compulsory	6
2020MF-BİL2021	COMPUTER PROGRAMMING	1+2+0	Compulsory	3
2020MF-TRS2021	TECHNICAL DRAWING	1+2+0	Compulsory	4
2020MMF-KP1012	CAREER PLANNING	1+0+0	Compulsory	2
2020MM-1012021	INTRODUCTION TO MECHANICAL ENGINEERING	2+0+0	Compulsory	3
2020TD-1012021	TURKISH LANGUAGE-I	2+0+0	Compulsory	2
Total ECTS				32

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
2020FİZ1022021	PHYSICS II	3+0+2	Compulsory	6
2020MAT1022021	MATHEMATICS II	4+0+0	Compulsory	6
2020MF1022021	STATISTICS AND PROBABILITY	2+1+0	Compulsory	4
2020MM1022021	STATIC	3+0+0	Compulsory	5
2020MM1042021	MEASUREMENT TECHNIQUE AND EVALUATION	2+0+0	Compulsory	3
2020MM1062021	COMPUTER AIDED TECHNICAL DRAWING	1+2+0	Compulsory	4
2020TD1022021	TURKISH LANGUAGE-I	2+0+0	Compulsory	2
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
2020MAT2012021	COMPUTER AIDED TECHNICAL DRAWING	3+0+0	Compulsory	5
2020MF-ELK2021	ELECTRICAL-ELECTRONIC INFORMATION	2+0+0	Compulsory	3
2020MF-MLZ2021	MATERIAL SCIENCE	3+0+0	Compulsory	5
2020MM-2032021	STRENGTH-I	3+0+0	Compulsory	4
2020MM-2052021	DYNAMIC	3+0+0	Compulsory	5
2020MM2072021	THERMODYNAMICS	3+0+0	Compulsory	4
2020MM-2092021	WORKSHOP	0+2+0	Compulsory	2
2020YD2012021	FOREIGN LANGUAGE II	2+0+0	Compulsory	2
Total ECTS				30

4.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
2020MF-MAT2021	ENGINEERING MATHEMATICS	3+0+0	Compulsory	5
2020MF-PRO2021	PROJECT DESIGN PRINCIPLES	1+0+0	Compulsory	1
2020MF-SAY2021	NUMERICAL METHODS	2+1+0	Compulsory	4
2020MM2022021	FLUID MECHANICS-I	3+0+0	Compulsory	5
2020MM2042021	STRENGTH-II	3+0+0	Compulsory	4
2020MM2062021	MANUFACTURING PROCEDURES-I	3+0+0	Compulsory	4
2020MM2082021	THERMODYNAMICS-II	3+0+0	Compulsory	5
2020YD2022021	FOREIGN LANGUAGE II	2+0+0	Compulsory	2
Total ECTS				30

5.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
2020AİT3012021	ATATURK'S PRINCIPLES AND REVOLUTION HISTORY-I	2+0+0	Compulsory	2
2020MM-3012021	MACHINE ELEMENTS	3+0+0	Compulsory	5
2020MM3032021	HEAT TRANSFER-I	3+0+0	Compulsory	5
2020MM-3052021	MECHANISM TECHNIQUE	3+0+0	Compulsory	4
2020MM-3072021	MANUFACTURING PROCEDURES_II	3+0+0	Compulsory	4
2020MM-3092021	FLUID MECHANICS-II	3+0+0	Compulsory	4
2020MM-3132021	TECHNICAL SKILL-I	0+2+0	Compulsory	2
2020MMS-311202	DEPARTMENT ELECTIVE-I	-	Elective	4
Total ECTS				30

2020MKM-311202	BIOMECHANIC	3+0+0	Elective	4
2020MKM-312201	ALTERNATIVE ENERGY RESOURCES	3+0+0	Elective	4

6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20200AİT3022021	ATATURK'S PRINCIPLES AND REVOLUTION HISTORY-II	2+0+0	Compulsory	2
20200MF3022021	ENTREPRENEURSHIP	3+0+0	Compulsory	5
20200MM3022021	MACHINE ELEMENTS-II	3+0+0	Compulsory	5
20200MM3042021	HEAT TRANSFER-II	3+0+0	Compulsory	5
20200MM3062021	MACHINE DYNAMICS	3+0+0	Compulsory	4
20200MM3082021	HEATING VENTILATION AND AIR CONDITIONING	3+0+0	Compulsory	4
20200MMS3102021	DEPARTMENT ELECTIVE-I	-	Elective	5
			Total ECTS	30
20200MKM3182017	HEAT, FLOW AND COMPUTER APPLICATIONS	3+0+0	Elective	5
20200MKM3202017	COMPUTER APPLICATIONS IN MECHANICS	3+0+0	Elective	5

7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20200MF-EKO2021	ENGINEERING ECONOMY	3+0+0	Compulsory	5
20200MF-İG2021	WORK SAFETY AND ENGINEERING ETHICS	2+0+0	Compulsory	3
20200MF-4052021	FACULTY SOCIAL ELECTIVE-I (WASTE MANAGEMENT)	2+0+0	Compulsory	3
20200MM-4012021	MACHINE MAIN DESIGN SELECT-I	0+2+0	Compulsory	5
20200MM-4032021	MACHINE LAB-I	0+0+2	Compulsory	4
20200MM-4052021	FINAL PROJECT-I	0+2+0	Compulsory	4
20200MM-4092021	TECHNICAL SKILL-II	0+2+0	Compulsory	2
20200MMS-407202	DEPARTMENT ELECTIVE-III	-	Elective	4
			Total ECTS	30
20200MKM-420201	HYDRAULIC-PANOMATIC CIRCUITS	3+0+0	Elective	4

8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
20200MM4022021	MACHINE MAIN DESIGN SELECT-II	0+2+0	Compulsory	5
20200MM4042021	MACHINE LAB-II	0+0+2	Compulsory	4
20200MM4062021	FINISHING PROJECT-II	0+2+0	Compulsory	5
20200MFS-402202	FACULTY TECHNICAL ELECTIVE	3+0+0	Elective	6
20200ÜSS-4022021	UNIVERSITY SOCIAL ELECTIVE	2+0+0	Elective	5
20200MMS-408202	DEPARTMENT ELECTIVE-IV	-	Elective	5
			Total ECTS	30
20200MKM-411202	COMPOSITE MATERIALS	3+0+0	Elective	5