



Doküman Kodu: FR.OGR.200
Rev. No: 02
Yayın Tarihi: 25.06.1999
Revizyon Tarihi: 25.07.2023
Sayfa No: 1

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Semester 2							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MMEK102	Electric Motors and Drives	3	0	3	3	Compulsory	
MMEK116	Computer Aided Circuit Design	2	2	3	4	Compulsory	
MMEK236	Control Theory	3	0	3	5	Compulsory	
MMAK212	Hydraulic and Pneumatic Systems	3	0	3	5	Compulsory	
MMEK128	Computer Programming Fundamentals	2	2	3	4	Compulsory	
MISG218	Principles of Occupational Health and Safety	3	0	3	5	Compulsory	
MMEK130	Analog Electronics	2	2	3	4	Compulsory	
	Total Credit	21		30			

Semester 3							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
ATAI01	Atatürk Principles and The History of Turkish Revolution I	2	0	2	2	Compulsory	
MING151	Basic English I	3	0	3	4	Compulsory	
MTRD101	Turkish Language I	2	0	2	2	Compulsory	
MMEK219	Sensors and Transducers	2	2	3	3	Compulsory	
MMEK225	Computer Aided Three Dimensional Design	2	2	3	4	Compulsory	
SECGNL3YY	Elective Group I (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Group II (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Group III (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
	Total Credit	22			30		

Semester 4							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
ATA102	Atatürk Principles and The History of Turkish Revolution II	2	0	2	2	Compulsory	
MING152	Basic English II	3	0	3	4	Compulsory	
MTRD102	Turkish Language II	2	0	2	2	Compulsory	
MMEK238	Vocational Project	2	2	3	6	Compulsory	
SECGNL4Y	Elective Group IV (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL4Y	Elective Group V (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL4Y	Elective Group VI (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL4Y	Elective Group VII (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
Total Credit					22	34	

Semester 5							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
		Total Credit					

Semester 6							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
		Total Credit					

Semester 7							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
		Total Credit					

Semester 8							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
		Total Credit					

TOTAL CREDIT	84
TOTAL ECTS	124

Abbreviations: T=Weekly hours: theoretical; A=Weekly hours: application; C=Credits in Turkish System; ECTS= European Credit Transfer System

ELECTIVE COURSES

Semester 1

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 2

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 3

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MMEK234	Additive Manufacturing	3	0	3	5	Elective	
MMEK122	Mechanical Vibrations	3	0	3	5	Elective	
MELK105	Circuit Analysis	3	0	3	5	Elective	
MMAK214	Introduction to Thermodynamics	3	0	3	5	Elective	
MBLP244	Embedded Systems	3	0	3	5	Elective	
MMEK125	Vocational English	3	0	3	5	Elective	
MBLP140	Office Applications	3	0	3	5	Elective	
MMEK209	Robot Technology	3	0	3	5	Elective	
MMEK222	Programmable Logic Controller	3	0	3	5	Elective	
MUTK216	Non Destructive Material Inspection	3	0	3	5	Elective	
MMEK237	Introduction to Artificial Intelligence	3	0	3	5	Elective	
FACULTY ELECTIVE							
MOSB100	Workplace Applications	0	18	9	15	Elective	
MOSB106	Workplace Application I	0	6	3	5	Elective	
MOSB107	Workplace Application II	0	6	3	5	Elective	
MOSB108	Workplace Application III	0	6	3	5	Elective	
MMAK224	Mechanical Measuring Techniques	3	0	3	5	Elective	
MMAK131	Heat Transfer	3	0	3	5	Elective	
MMSE201	Occupational Ethics	3	0	3	5	Elective	
MADL230	Labour Law	3	0	3	5	Elective	
MIKA242	Basics of Effective Communication Techniques	3	0	3	5	Elective	
MGRS201	Practices Of Entrepreneurship	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MISL223	General Business	3	0	3	5	Elective	
MBLP241	Computer Literacy	3	0	3	5	Elective	
MING253	English III	3	0	3	5	Elective	
MFIZ103	Fundamental of Physics	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
UNIVERSITY ELECTIVE							

Semester 4

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MMEK234	Additive Manufacturing	3	0	3	5	Elective	
MMEK122	Mechanical Vibrations	3	0	3	5	Elective	
MELK105	Circuit Analysis	3	0	3	5	Elective	
MMAK214	Introduction to Thermodynamics	3	0	3	5	Elective	
MBLP244	Embedded Systems	3	0	3	5	Elective	
MMEK125	Vocational English	3	0	3	5	Elective	
MBLP140	Office Applications	3	0	3	5	Elective	
MMEK209	Robot Technology	3	0	3	5	Elective	
MMEK222	Programmable Logic Controller	3	0	3	5	Elective	
MUTK216	Non Destructive Material Inspection	3	0	3	5	Elective	
MMEK237	Introduction to Artificial Intelligence	3	0	3	5	Elective	
FACULTY ELECTIVE							
MOSB100	Workplace Applications	0	18	9	15	Elective	
MOSB106	Workplace Application I	0	6	3	5	Elective	
MOSB107	Workplace Application II	0	6	3	5	Elective	
MOSB108	Workplace Application III	0	6	3	5	Elective	
MMAK224	Mechanical Measuring Techniques	3	0	3	5	Elective	
MMAK131	Heat Transfer	3	0	3	5	Elective	
MMSE201	Occupational Ethics	3	0	3	5	Elective	
MADL230	Labour Law	3	0	3	5	Elective	
MIKA242	Basics of Effective Communication Techniques	3	0	3	5	Elective	
MGRS201	Practices Of Entrepreneurship	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MISL223	General Business	3	0	3	5	Elective	
MBLP241	Computer Literacy	3	0	3	5	Elective	
MING253	English III	3	0	3	5	Elective	
MFIZ103	Fundamental of Physics	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
UNIVERSITY ELECTIVE							

Semester 5

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 6

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 7

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 8

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							