

Double Mayor Programme (DMP) of MEE for ME (Updated: 24.2024)

1st Half Year

Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
ATA101*		PRINCIPLES OF ATATÜRK AND HISTORY OF TURKISH REVOLUTION I	Common Required	Major	2
CHE101		CHEMISTRY FOR ENGINEERS	Required	Major	7
ENG 110*		ENGLISH I	Common Required	Major	3
MAT101		CALCULUS I	Required	Major	7
ME101		INTRODUCTION TO MECHANICAL ENGINEERING	Required	Major	2
PHY101		PHYSICS I	Required	Major	7
TDE101*		TURKISH LANGUAGE I	Common Required	Major	2
			Total :		30

2nd Half Year

Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
ATA102*		PRINCIPLES OF ATATÜRK AND HISTORY OF TURKISH REVOLUTION II	Common Required	Major	2
ENG 111*		ENGLISH II	Common Required	Major	3
MAT102	MAT101	CALCULUS II	Required	Major	7
ME122		STATICS	Required	Major	4
MEE104		MEASUREMENT AND EVALUATION TECHNIQUE	Required	Double Major	2
ME112		COMPUTER AIDED ENGINEERING DRAWING I	Required	Major	5
PHY102		PHYSICS II	Required	Major	7
TDE102*		TURKISH LANGUAGE II	Common Required	Major	2
			Total :		32

3rd Half Year

Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
COE108		C PROGRAMMING	Required	Double Major	4
MAT205		DIFFERENTIAL EQUATIONS	Required	Major	6
ME241		THERMODYNAMICS I	Required	Major	4
ME211		COMPUTER AIDED ENGINEERING DRAWING II	Required	Major	5
ME221		MATERIALS SCIENCE AND ENGINEERING I	Required	Major	4
ME261		STRENGTH OF MATERIALS I	Required	Major	4
IKC-SC-A		UNIVERSITY ELECTIVE COURSES E	University Elective	Major	3
			Total :		30

4th Half Year

Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
ME206		ECONOMY FOR ENGINEERS	Required	Major	2
ME232		APPLIED MATHEMATICS FOR ENGINEERS	Required	Major	4
ME212		DYNAMICS	Required	Major	4
MEE210		ELECTRICAL MACHINES	Required	Double Major	4
ME252		FUNDAMENTALS OF ELECTRICAL AND ELECTRONIC CIRCUITS	Required	Major	4
ME262		STRENGTH OF MATERIALS II	Required	Major	5
MEE212		ELECTRIC AND ELECTRONIC CIRCUIT THEORY II	Required	Double Major	4
IKC-SC-B		UNIVERSITY ELECTIVE COURSES E	University Elective	Major	3
			Total :		30

5th Half Year

Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
ES411		OCCUPATIONAL HEALTH AND SAFETY I	Common Required	Major	3
MEE303		SENSOR SYSTEMS	Required	Double Major	4
ME300		SUMMER PRACTICE I	Required	Major	5
ME382		SYSTEM ANALYSIS AND CONTROL	Required	Major	4

ME312		MACHINE ELEMENTS II	Required	Major	4
MEE309		SIGNAL PROCESSING	Required	Double Major	4
ME331		THEORY OF MECHANISM	Required	Major	4
IKC-SC-C		UNIVERSITY ELECTIVE COURSES E	University Elective	Major	3
			Total :		31
6th Half Year					
Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
ES412		OCCUPATIONAL HEALTH AND SAFETY II	Common Required	Major	3
ME361		MANUFACTURING PROCESSES	Required	Major	3
MEE306		MICROCONTROLLER	Required	Double Major	2
MEE308		MECHATRONIC SYSTEM DESIGN II	Required	Double Major	4
MEE302		BASIC PRACTICE II	Required	Double Major	3
ME332		DYNAMICS OF MACHINERY	Required	Major	4
ME321		FLUID MECHANICS	Required	Major	5
IKC-SC-D		UNIVERSITY ELECTIVE COURSES E	University Elective	Major	3
			Total :		27
7th Half Year					
Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
ENG401		INTERDISCIPLINARY ENGINEERING DESIGN PROJECT	Elective	Major	6
MEE4XX		TECHNICAL ELECTIVE COURSES	Department Elective	Double Major	18
MEE400		PROFESSION PRACTICE	Required	Double Major	2
MEE401		GRADUATION PROJECT I	Required	Double Major	4
			Total :		30
8th Half Year					
Course Code	Prerequisite	Course Name	Course Type	Taken From	AKTS
MEE402		GRADUATION PROJECT II	Required	Double Major	8
MEE4XX.2		TECHNICAL ELECTIVE COURSES	Department Elective	Double Major	24
			Total :		32
CUMULATIVE TOTAL					242