

PREP CLASS

Prep Class 1st Semester					Prep Class 2nd Semester						
Code	Course Name	LT	LB	CR	ECTS	Code	Course Name	LT	LB	CR	ECTS
MMT000	Prep Class	0	0	0	0	MMT00B	Prep Class	0	0	0	0

I. CLASS

1st Semester Courses					2nd Semester Courses						
Code	Course Name	LT	LB	CR	ECTS	Code	Course Name	LT	LB	CR	ECTS
PHY195	General Physics I	3	2	4	5	PHY196	General Physics II	3	2	4	5
FOL183	Foreign Language I	2	0	2	2	FOL184	Foreign Language II	2	0	2	2
CHE189	General Chemistry	3	2	4	4	CAL182	Mathematics II	4	0	4	5
CAL181	Mathematics I	4	0	4	5	CAL194	Linear Algebra	3	0	3	4
MEE101	Introduction to Mechanical Engineering	2	0	2	4	MEE114	Computer Aided Technical Drawing	2	2	3	5
CEC103	Computer Programming I	1	2	2	3	MEE102	Statics	4	0	4	4
CEC105	Technical Drawing	2	2	3	5	CEC104	Computer Programming II	1	2	2	3
TRK181	Turkish Language I	2	0	2	2	TRK182	Turkish Language II	2	0	2	2
Total		19	8	23	30	Total		21	6	24	30

II. CLASS

3rd Semester Courses					4th Semester Courses						
Code	Course Name	LT	LB	CR	ECTS	Code	Course Name	LT	LB	CR	ECTS
HST181	Atatürk's Principles and History of Revolutions I	2	0	2	2	HST182	Atatürk's Principles and History of Revolutions II	2	0	2	2
MEE215	Differential Equations	4	0	4	4	FOL282	Technical Foreign Language II	2	0	2	2
FOL281	Technical Foreign Language I	2	0	2	2	MEE208	Manufacturing Processes II	3	1	3	4
CEC205	Probability and Statistics	2	0	2	3	MEE212	Measurement Technique	2	1	2	4
MEE203	Strength of Materials I	3	0	3	4	MEE214	Strength of Materials II	3	0	3	4
MEE205	Materials Science	3	1	3	4	MEE216	Basic Electric and Electronics	2	0	2	3
MEE207	Manufacturing Processes I	3	1	3	4	MEE218	Engineering Materials	2	1	2	4
MEE211	Thermodynamics I	3	0	3	4	MEE220	Thermodynamics II	3	0	3	4
MEE213	Dynamics	3	0	3	3	MEE222	Numerical Analysis	2	0	2	3
Total		25	2	25	30	Total		21	3	21	30

III. CLASS

5th Semester Courses					6th Semester Courses						
Code	Course Name	LT	LB	CR	ECTS	Code	Course Name	LT	LB	CR	ECTS
CEC303	Engineering Economics	2	0	2	3	CEC306	Occupational Health and Safety II	2	0	2	2
CEC305	Occupational Health and Safety I	2	0	2	2	MEE302	Fluid Mechanics II	3	0	3	3
MEE301	Fluid Mechanics I	3	0	3	3	MEE308	Dynamics of Machinery	3	0	3	3
MEE305	Heat Transfer	4	0	4	4	MEE350	Engineering Ethics	2	0	2	2
MEE307	Mechanisms	3	0	3	3	MEE348	Machine Elements II	3	0	3	3
MEE343	Project Design Principles	0	2	1	2	MEE356	System Dynamics and Control	3	0	3	3
MEE303	Machine Elements I	3	0	3	3		Technical Elective Course	3	0	3	4
MEE399	Industrial Practice I	0	0	0	4		Technical Elective Course	3	0	3	4
	Technical Elective Course	3	0	3	4		Technical Elective Course	3	0	3	4
	Social Elective Course	2	0	2	2		Social Elective Course	2	0	2	2
Total		22	2	23	30	Total		27	0	27	30

Technical Elective Course					Technical Elective Courses						
Code	Course Name	LT	LB	CR	ECTS	Code	Course Name	LT	LB	CR	ECTS
MEE321	Refrigeration Technology	3	0	3	4	MEE328	CNC Programming	3	0	3	4
MEE327	Computer Aided Design	3	0	3	4	MEE330	Introduction to Finite Element Analysis	3	0	3	4
MEE329	Machine Tools	3	0	3	4	MEE336	Renewable Energy Resources	3	0	3	4
MEE339	Energy Management	3	0	3	4	MEE340	Basics of HVAC	3	0	3	4
						MEE342	Hydraulics and Pneumatics	3	0	3	4
						MEE344	Industrial and Residential Energy Efficiency	3	0	3	4
						MEE346	Robotics	3	0	3	4

Social Elective Courses					Social Elective Courses						
Code	Course Name	LT	LB	CR	ECTS	Code	Course Name	LT	LB	CR	ECTS
ESC301	Labour Law	2	0	2	2	ESC302	Research and Presentation Skills	2	0	2	2
ESC303	Patent and Industrial Design	2	0	2	2	ESC306	Management Systems	2	0	2	2
ESC307	Communication Skills	2	0	2	2	ESC310	Corporate Behavior	2	0	2	2
ESC309	International Communication	2	0	2	2	ESC312	Standardization	2	0	2	2
ESC311	Critical and Analytical Thinking	2	0	2	2	ESC316	Social Media	2	0	2	2
						ESC318	Contemporary Topics	2	0	2	2

IV. CLASS

7th Semester Courses					8th Semester Courses*						
Code	Course Name	LT	LB	CR	ECTS	Code	Course Name	LT	LB	CR	ECTS
MEE459	Industrial Practice II	0	0	0	5	MEE406	Graduation Project	0	2	1	5
MEE409	Workplace Training and Practice ⁽¹⁾	5	15	12	25	MEE409	Workplace Training and Practice ⁽¹⁾	5	15	12	25

1	Toplam Ulusal Kredi	172		8	Toplam Ulusal Kredi / 128 Kredi Sınırı	134,4%
2	Toplam AKTS Kredi	240		9	Toplam AKTS Kredi / Tplm Ulusal Kredi	139,5%
3	Seçmeli Derslerin Toplam Kredisi	37		10	Seçmeli Derslerin Tplm Kr / Tpl Ulusal Kr	21,5%
4	Teorik Derslerin Toplam Saati	156		11	Teorik Derslerin Tplm Saati / Tplm Ders Saati	79,2%
5	Uygulama Derslerin Toplam Saati	41		12	Uyg. Derslerin Tplm Saati / Tplm Ders Saati	20,8%
6	İngilizce Derslerin Toplam Kredisi	172		13	Toplam İngilizce Kredisi/Toplam Ulusal Kredi	100,0%
7	Seçmeli Ders AKTS	60		14	Seçmeli ders AKTS/Toplam AKTS	25,0%
				15	Temel Bilim Dersleri Toplam Kredisi	42