OSTIM TECHNICAL UNIVERSITY										
FACULTY OF ENGINEERING										
AEROSPACE ENGINEERING										
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
1	1	Compulsory	ENG 101	Academic English I	3	0	0	3	3	
1	1	Compulsory	IUL 151	Introduction to University Life	2	0	0	2	2	
1	1	Compulsory	EPR 121	Fundementals of Entrepreneurship	0	2	0	1	1	
1	1	Compulsory	ATA 101	Principles of Atatürk and History of Turkish Revolution I	2	0	0	2	2	
1	1	Compulsory	CENG 109	Programming and Computation I	3	0	0	3	4	
1	1	Compulsory	CHEM 101	Engineering Chemistry	3	0	1	3	4	
1	1	Compulsory	MATH 101	Engineering Mathematics I	4	0	0	4	6	
1	1	Compulsory	PHYS 101	Engineering Physics I	3	0	2	4	6	
1	1	Compulsory	TUR 101	Turkish Language I	2	0	0	2	2	
					22	2	3	23	30	

Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
1	2	Compulsory	ENG 102	Academic English II	3	0	0	3	3	
1	2	Compulsory	IUL 152	Building the Future	1	0	0	1	1	
1	2	Compulsory	EPR 122	Entrepreneurship Project	0	2	0	1	1	
1	2	Compulsory	ATA 102	Principles of Atatürk and History of Turkish Revolution II	2	0	0	2	2	
1	2	Compulsory	WED 128	Workplace Education	2	0	0	2	1	
1	2	Compulsory	MEC 104	Computer Aided Technical Drawing	1	2	0	2	4	
1	2	Compulsory	MATH 102	Engineering Mathematics II	4	0	0	4	6	MATH 101
1	2	Compulsory	PHYS 102	Engineering Physics II	3	0	2	4	6	
1	2	Compulsory	MATH 201	Linear Algebra with Engineering Applications	3	0	0	3	4	
1	2	Compulsory	TUR 102	Turkish Language II	2	0	0	2	2	
					21	4	2	24	30	

Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
2	3	Compulsory	WAP 227	Workplace Application I	0	6	0	3	3	
2	3	Compulsory	EEE 201	Electrical Circuits I	4	0	0	4	5	
2	3	Compulsory	MATH 202	Differential Equations	4	0	0	4	5	
2	3	Compulsory	AERO 203	Aerospace Materials	3	0	0	3	4	
2	3	Compulsory	AERO 211	Statics	3	0	0	3	5	
2	3	Compulsory	AERO 205	Thermodynamics	3	0	0	3	5	
2	3	Elective	NTE 1	Non-Technical Elective Course I	3	0	0	3	3	
					20	6	0	23	30	

Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
2	4	Compulsory	MATH 204	Probability and Statistics for Engineers	3	0	0	3	5	
2	4	Compulsory	WAP 228	Workplace Application II	0	6	0	3	3	
2	4	Compulsory	AERO 202	Strength of Materials	3	0	0	3	4	
2	4	Compulsory	AERO 204	Dynamics	3	0	0	3	5	
2	4	Compulsory	AERO 208	Heat Transfer	3	0	0	3	5	
2	4	Compulsory	AERO 206	Fluid Mechanics	4	0	0	4	5	
2	4	Elective	NTE 2	Non-Technical Elective Course II	3	0	0	3	3	
					19	6	0	22	30	

Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
3	5	Compulsory	WAP 327	Workplace Application III	0	6	0	3	3	
3	5	Compulsory	MATH 301	Numerical Methods and Scientific Computing	3	0	0	3	5	
3	5	Compulsory	AERO 305	Aerodynamics I	3	0	0	3	6	AERO 206
3	5	Compulsory	AERO 307	System Dynamics and Control	3	0	0	3	5	AERO 204
3	5	Compulsory	AERO 309	Mechanical Vibrations	3	0	0	3	5	
3	5	Compulsory	AERO 311	Experimental Engineering	2	2	0	3	5	
3	5	Compulsory	LCE 301	Law Concepts for Engineers	1	0	0	0	1	
					15	8	0	18	30	

Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
3	6	Compulsory	WEX 328	Workplace Experience I	0	6	0	3	3	
3	6	Compulsory	AERO 304	Aerospace Structures	3	0	0	3	6	AERO 202
3	6	Compulsory	AERO 308	Propulsion Systems I	3	0	0	3	5	AERO 205
3	6	Compulsory	AERO 310	Flight Mechanics	3	0	0	3	6	
3	6	Elective	ELEC 1	Technical Elective Course I	3	0	0	3	5	
3	6	Elective	ELEC 2	Technical Elective Course II	3	0	0	3	5	
					15	6	0	18	30	

Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
4	7	Compulsory	WEX 427	Workplace Experience II	0	6	0	3	3	
4	7	Compulsory	AERO 401	Aerospace Engineering Design	2	2	0	3	5	AERO 304
4	7	Compulsory	ELEC 3	Technical Elective Course III	3	0	0	3	5	

Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
4	7	Elective	ELEC 4	Technical Elective Course IV	3	0	0	3	5	
4	7	Elective	ELEC 5	Technical Elective Course V	3	0	0	3	5	
4	7	Elective	ELEC 6	Technical Elective Course VI	3	0	0	3	5	
4	7	Elective	AERO 409	Graduation Project I	0	2	0	1	2	
					14	10	0	19	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
4	8	Compulsory	AERO 410	Graduation Project II	0	10	0	5	8	
4	8	Compulsory	WEX 428	Workplace Experience III	0	30	0	15	22	
					0	40	0	20	30	