

OSTIM TECHNICAL UNIVERSITY										
FACULTY OF ENGINEERING										
ELECTRICAL AND ELECTRONICS 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	ATA 101	Principles of Atatürk and History of Turkish Revolution I	2	0	0	2	2	
1	1	Compulsory	IUL 151	Introduction to University Life	2	0	0	2	2	
1	1	Compulsory	CENG 109	Programming and Computation I	3	0	0	3	5	
1	1	Compulsory	CHEM 101	Engineering Chemistry	3	0	1	3	4	
1	1	Compulsory	TUR 101	Turkish I	2	0	0	2	2	
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	
					22	0	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	ATA 102	Principles of Atatürk and History of Turkish Revolution II	2	0	0	2	2	
1	2	Compulsory	IUL 152	Building the Future	1	0	0	1	1	
1	2	Compulsory	WED 128	Workplace Education	0	2	0	1	1	
1	2	Compulsory	MATH 102	Engineering Mathematics II	4	0	0	4	6	MATH 101
1	2	Compulsory	EEE 106	Computer Aided Technical Drawing for EEE	1	2	0	2	5	
1	2	Compulsory	PHYS 102	Engineering Physics II	3	0	2	4	6	
1	2	Compulsory	TUR 102	Turkish II	2	0	0	2	2	
1	2	Compulsory	MATH 201	Linear Algebra with Engineering Applications	3	0	0	3	4	
					19	8	2	24	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
2	3	Compulsory	ENG 211	Academic English III	3	0	0	3	3	
2	3	Compulsory	WAP 227	Workplace Application I	0	6	0	3	3	
2	3	Compulsory	EEE 207	Electrical Circuits I	4	0	0	4	5	
2	3	Compulsory	MATH 202	Differential Equations	4	0	0	4	5	
2	3	Compulsory	MEC 203	Material Science	3	0	0	3	3	
2	3	Compulsory	EEE 211	Electrical Circuits Laboratory	1	0	2	2	3	
2	3	Compulsory	EEE 205	Modern Physics	3	0	0	3	3	
2	3	Compulsory	MATH 204	Probability and Statistics	3	0	0	3	5	
					21	6	2	25	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
2	4	Compulsory	ENG 212	Academic English IV	3	0	0	3	3	
2	4	Compulsory	WAP 228	Workplace Application II	0	6	0	3	3	
2	4	Compulsory	CENG 110	Programming and Computation II	3	0	0	3	4	CENG 109
2	4	Compulsory	EEE 218	Electronics I	3	0	2	4	5	
2	4	Compulsory	EEE 210	Introduction to Logic Design	3	2	0	4	5	
2	4	Compulsory	EEE 202	Electrical Circuits II	4	0	0	4	5	EEE 207
2	4	Compulsory	EEE 224	Electromagnetic Theory	4	0	0	4	5	MATH 102
					20	8	2	25	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
3	5	Compulsory	LCE 301	Law Concepts for Engineering	1	0	0	1	1	
3	5	Compulsory	WAP 327	Workplace Application III	0	6	0	3	3	
3	5	Compulsory	MATH 301	Numerical Analysis Method	3	0	0	4	5	
3	5	Compulsory	EEE 317	Digital Systems Design	3	1	0	4	5	
3	5	Compulsory	EEE 305	Electromagnetic Waves	3	0	0	3	4	EEE 224
3	5	Compulsory	EEE 302	Electronics II	3	0	2	4	5	
3	5	Compulsory	EPR 121	Fundamentals of Entrepreneurship	0	2	0	1	2	
3	5	Compulsory	EEE 311	Signals and Systems	4	0	0	4	5	MATH 102
					17	9	2	24	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	EEE 312	Electromechanical Energy Conversion-I	3	0	2	4	5	EEE 208
3	6	Compulsory	EEE 314	Communication Systems I	3	0	1	4	4	EEE 311
3	6	Compulsory	EEE 320	Microprocessors	2	0	2	3	3	
3	6	Elective	ELEC 1	Technical Elective-1	3	0	0	3	5	
3	6	Elective	ELEC 2	Technical Elective-2	3	0	0	3	5	
3	6	Compulsory	EPR 122	Entrepreneurship Project	0	2	0	1	1	
3	6	Compulsory	EEE 330	Control Systems	3	0	1	4	4	
					17	8	6	25	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	EEE 401	Graduation Project I	2	0	0	2	2	
4	7	Elective	ELEC 3	Technical Elective-3	3	0	0	4	5	
4	7	Elective	ELEC 4	Technical Elective-4	3	0	0	4	5	
4	7	Elective	ELEC 5	Technical Elective-5	3	0	0	4	5	
4	7	Elective	ELEC 6	Technical Elective-6	3	0	0	3	5	
4	7	Elective	ELEC 7	Technical Elective-7	3	0	0	3	5	
					17	6	0	23	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
4	8	Compulsory	WEX 428	Workplace Experience III	0	30	0	15	22	Prerequisite table (shown with one (*))
4	8	Compulsory	EEE 402	Graduation Project II	0	10	0	5	8	Prerequisite table (shown with one (*))
					0	40	0	20	30	