

OSTİM TECHNICAL UNIVERSITY										
FACULTY OF ENGINEERING										
INDUSTRIAL ENGINEERING										
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
1	1	Compulsory	MATH 101	Engineering Mathematics II	4	0	0	4	6	
1	1	Compulsory	PHYS 101	Engineering Physics I	3	0	2	4	6	
1	1	Compulsory	CENG 109	Programming and Computation I	3	0	0	3	4	
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	Fundamentals of Entrepreneurship	0	2	0	1	1	
1	1	Compulsory	TUR 101	Turkish I	2	0	0	2	2	
1	1	Compulsory	CHEM 101	Engineering Chemistry	3	0	1	4	4	
1	1	Compulsory	ATA 101	Principles of Atatürk and History of Turkish Revolution I	2	0	0	2	2	
					22	2	3	25	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
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	MEC 106	Computer Aided Technical Drawing	1	0	0	2	4	
1	2	Compulsory	ENG 102	Academic English II	3	0	0	3	3	
1	2	Compulsory	WED 128	Workplace Education	0	4	0	2	1	
1	2	Compulsory	MATH 201	Linear Algebra with Engineering Applications	3	0	0	3	4	
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	TUR 102	Turkish II	2	0	0	2	2	
1	2	Compulsory	ATA 102	Principles of Atatürk and History of Turkish Revolution II	2	0	0	2	2	
					19	6	2	24	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
2	3	Compulsory	IND 205	Fundamentals of Economics	3	0	0	3	3	
2	3	Compulsory	EHS 201	Occupational Health and Safety	2	0	0	2	2	
2	3	Compulsory	MATH 202	Differential Equations	4	0	0	4	5	
2	3	Compulsory	IND 207	Probability and Statistics I	3	1	0	4	5	
2	3	Compulsory	IND 211	System Analysis and Design	3	0	0	3	4	
2	3	Compulsory	MEC 213	Introduction to Manufacturing Technologies	3	0	0	3	4	
2	3	Compulsory	LCE 201	Law Concepts for Engineering	1	0	0	0	1	
2	3	Elective	NTE 1	Non-Technical Elective Course I	3	0	0	3	3	
2	3	Compulsory	WAP 227	Workplace Application I	0	6	0	3	3	
					22	7	0	25	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
2	4	Elective	MSE 219	Material Science	3	0	0	3	3	
2	4	Compulsory	IND 208	Probability and Statistics II	3	1	0	4	6	
2	4	Compulsory	IND 210	Operations Research I	3	2	0	4	7	
2	4	Compulsory	IND 212	Engineering Cost Analysis	3	0	0	3	5	
2	4	Compulsory	NTE 2	Non-Technical Elective Course II	3	0	0	3	3	
2	4	Elective	NTE 3	Non-Technical Elective Course III	3	0	0	3	3	
2	4	Compulsory	WAP 228	Workplace Application II	0	6	0	3	3	
					18	9	0	23	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
3	5	Compulsory	IND 301	Engineering Economics	4	0	0	4	5	
3	5	Compulsory	IND 311	Operations Research II	3	2	0	4	7	
3	5	Compulsory	IND 307	Production Planning and Control I	4	0	0	4	6	
3	5	Compulsory	IND 319	Multi-Criteria Decision Making	2	0	0	2	4	
3	5	Elective	ELEC 1	Elective Course I	3	0	0	3	5	
3	5	Compulsory	WAP 327	Workplace Application III	3	6	0	0	3	
					19	8	0	17	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
3	6	Compulsory	IND 304	Work Study and Ergonomics	4	1	0	4	5	
3	6	Compulsory	IND 308	Production Planning and Control II	4	0	0	4	6	
3	6	Compulsory	IND 310	Simulation	3	2	0	4	6	
3	6	Compulsory	IND 306	Quality Planning and Control	3	0	0	3	5	
3	6	Elective	ELEC 2	Elective Course II	3	0	0	3	5	
3	6	Compulsory	WEX 328	Workplace Experience I	0	6	0	3	3	
					17	9	0	21	30	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
4	7	Compulsory	IND 491	Project Management	3	0	0	3	5	
4	7	Elective	ELEC 3	Elective Course III	3	0	0	3	5	
4	7	Elective	ELEC 4	Elective Course IV	3	0	0	3	5	
4	7	Elective	ELEC 5	Elective Course V	3	0	0	3	5	
4	7	Elective	ELEC 6	Elective Course VI	3	0	0	3	5	
4	7	Compulsory	IND 409	Graduation Project I	0	2	0	1	2	
4	7	Compulsory	WEX 427	Workplace Experience II	0	6	0	3	3	
					15	2	0	16	27	
Class	Semester	Course Type	Course Code	Course Name	Theory	Practice	Lab	Credits	ECTS	Prerequisite
4	8	Compulsory	IND 412	Graduation Project II	0	0	10	5	8	
4	8	Compulsory	WEX 428	Workplace Experience III	30	0	0	15	22	
					30	0	10	20	30	