

Mühendislik Fakültesi
Endüstri Mühendisliği (İngilizce) - 2013

Genel Toplam | Ders Adedi = 49 | T = 122 | U = 40 | Toplam Saat = 162 | Kredi = 142 | ECTS = 240

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ATA121	Atatürk İlkeleri ve İnkılap Tarihi I	2	0	2	2
2	CHEM107	Basic Chemistry	4	0	4	6
3	CSE143	Introduction to Computer Programming	3	2	4	6
4	IE101	Introduction to Industrial Engineering	0	2	1	3
5	MATH101	Calculus I	4	0	4	6
6	PHYS101	Physics I	4	0	4	5
7	TRD121	Türk Dili I	2	0	2	2
TOPLAM			19	4	21	30

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ATA122	Atatürk İlkeleri ve İnkılap Tarihi II	2	0	2	2
2	CSE144	Intermediate Programming	3	2	4	6
3	IE102	Industrial Engineering Fundamentals	0	2	1	3
4	MATH102	Calculus II	4	0	4	6
5	ME161	Engineering Drawing	2	2	3	6
6	PHYS102	Physics II	4	0	4	5
7	TRD122	Türk Dili II	2	0	2	2
TOPLAM			17	6	20	30

3. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ECON203	Introduction to Economics	3	0	3	4
2	IE251	Probability for Industrial Engineers	3	2	4	8
3	MATH255	Differential Equations	3	0	3	5
4	ME275	Statics and Strength of Materials	3	0	3	5
5	MSE272	Introduction to Materials Science	3	0	3	5
6	NTE-1	Non-Technical Elective I	2	0	2	3
TOPLAM			17	2	18	30

4. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ACC214	Principles of Accounting	2	2	3	6
2	ECON204	Engineering Economy	2	0	2	3
3	IE252	Statistics for Industrial Engineers	3	2	4	8
4	MATH256	Linear Algebra	3	0	3	4
5	MATH259	Numerical Methods	3	0	3	4
6	ME265	Introduction to Thermal Sciences	4	0	4	5
TOPLAM			17	4	19	30

5. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ACC313	Cost Accounting	3	0	3	4
2	IE300	Summer Practice I	0	0	0	3
3	IE325	Production Planning and Control I	3	2	4	6
4	IE333	Operations Research I	3	2	4	6
5	IE345	Introduction to Management Information Systems	3	0	3	4
6	IE385	Quality Methods	3	0	3	4
7	NTE-2	Non-Technical Elective II	2	0	2	3
TOPLAM			17	4	19	30

6. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE326	Production Planning and Control II	3	2	4	7
2	IE334	Operations Research II	3	2	4	7
3	IE340	Systems Engineering	3	0	3	5
4	IE364	Introduction to Simulation	3	2	4	6
5	TE-1	Technical Elective I	3	0	3	5
TOPLAM			15	6	18	30

7. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE400	Summer Practice II	0	0	0	3
2	IE427	Scheduling and Sequencing	2	2	3	5
3	IE431	Decision Analysis	2	2	3	4
4	IE497	Systems Analysis and Design I	0	4	2	10
5	NTE-3	Non-Technical Elective III	2	0	2	3
6	TE-2	Technical Elective II	3	0	3	5
TOPLAM			9	8	13	30

8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE436	Project Management	2	2	3	6
2	IE498	Systems Analysis and Design II	0	4	2	10
3	LAW203	Business Law and Ethics	3	0	3	4
4	TE-3	Technical Elective III	3	0	3	5
5	TE-4	Technical Elective IV	3	0	3	5
TOPLAM			11	6	14	30

TE1..4: 6-7-8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ACC417	Financial Accounting	3	0	3	5
2	ACC418	Managerial Accounting	3	0	3	5
3	CSE396	Database Management Systems	3	0	3	5
4	ECON401	Managerial Economics	3	0	3	5
5	FNCE416	Finance for Engineers	3	0	3	5
6	IE324	Manufacturing Processes	3	0	3	5
7	IE327	ERP Tools, Techniques and Applications	3	0	3	5
8	IE361	Computer Aided Design / Manufacturing (CAD/CAM)	3	0	3	5
9	IE362	Computer Aided Engineering (CAE)	3	0	3	5
10	IE365	Advanced Programming	3	0	3	5
11	IE374	Ergonomics	3	0	3	5
12	IE375	Occupational Health and Safety	3	0	3	5
13	IE387	Process Management	3	0	3	5
14	IE388	Quality Audit	3	0	3	5
15	IE425	Facilities Planning	3	0	3	5
16	IE432	Introduction to Graph Theory	3	0	3	5
17	IE433	Heuristics Solution Methods	3	0	3	5
18	IE435	Game Theory	3	0	3	5
19	IE437	Intelligent Manufacturing Systems	3	0	3	5
20	IE438	Artificial Intelligence	3	0	3	5
21	IE442	Enterprise Information Systems	3	0	3	5
22	IE443	Applied Data Mining	3	0	3	5
23	IE446	Manufacturing Systems	3	0	3	5
24	IE452	Supply Chain Management	3	0	3	5
25	IE453	Introduction to Stochastic Processes	3	0	3	5
26	IE455	Design of Experiments	3	0	3	5
27	IE458	Econometrics and Forecasting	3	0	3	5
28	IE459	Queuing Theory	3	0	3	5
29	IE461	Computer Integrated Manufacturing (CIM)	3	0	3	5
30	IE471	Technology and Research & Development (R&D) Management	3	0	3	5
31	IE475	Foreign Expansions and Trade Techniques	3	0	3	5
32	IE487	Introduction to Total Quality Management	3	0	3	5
33	IE488	Reliability Theory	3	0	3	5
34	IE493	Seminars in Industrial Engineering	3	0	3	5
35	IE494	Special Topics in Industrial Engineering	3	0	3	5
36	IE495	Special Topics in Operations Research	3	0	3	5
37	IE496	Current Topics in Industrial Engineering	3	0	3	5
38	MGT372	Principles of Management	3	0	3	5
39	MGT465	Entrepreneurship and Small Business Management	3	0	3	5
40	MGT466	Management of Change	3	0	3	5
41	MGT473	Strategic Management I	3	0	3	5
42	MGT474	Strategic Management II	3	0	3	5
43	MRK371	Marketing Management	3	0	3	5
TOPLAM			129	0	129	215

NTE1..3: 3-5-7. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	BUS205	International Business	2	0	2	3
2	CAS101	Self Management	2	0	2	3
3	CAS110	Our Biosphere	2	0	2	3
4	CAS161	Geometric Origami	2	0	2	3
5	CAS201	Energy for Physical Activity	2	0	2	3
6	CAS202	Human Performance and Nutrition	2	0	2	3
7	CAS203	Cardiopulmonary Resuscitation and First Aid Basics	2	0	2	3
8	CAS204	Interpersonal Relations and Communication	2	0	2	3
9	CAS205	Trekking and Orienteering	2	0	2	3
10	CAS301	Earthquake and Rescue Principles	2	0	2	3
11	CAS344	Positive Thinking	2	0	2	3
12	COMM260	Communication Models and Techniques	2	0	2	3
13	FNCE303	Investment Planning	2	0	2	3
14	HR113	Career Development	2	0	2	3
15	HR401	Career Orientation	2	0	2	3
16	HSS302	Ethics in Engineering and Science	2	0	2	3
17	MGT121	Design, Innovation and Entrepreneurship	2	0	2	3
18	NTE102	Effects Of Human Behaviour On Environment	2	0	2	3
19	OB240	Industrial Psychology	2	0	2	3
20	OB241	Behavioral Sciences for Engineers	2	0	2	3
21	OB343	Organizational Behaviour	2	0	2	3
22	YDA101	German for Beginners	2	0	2	3
23	YDA102	German	1	2	2	3
24	YDA103	German Communication	1	2	2	3
25	YDA201	Seminars in German	1	2	2	3
26	YDF101	French for Beginners	2	0	2	3
27	YDI103	Technical English	2	0	2	3
28	YDI104	Report Writing in English	2	0	2	3
29	YDIS101	Spanish for Beginners	2	0	2	3
30	YDIS102	Spanish	2	0	2	3
31	YDIT101	Italian for Beginners	2	0	2	3
32	YDJ101	Basic Japanese	2	0	2	3