

Mühendislik Fakültesi
Endüstri Mühendisliği (İngilizce) - 2015

Genel Toplam | Ortalama Yarıyıl Ders = $[54 / 8 = 6,75] + 3 = 10$ | T = 129 | U = 32 | Toplam Saat = 161 | Kredi = 260 | ECTS = 260

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ATA121	Atatürk İlkeleri ve İnkılap Tarihi I	2	0	2	2
2	CHEM1007	Basic Chemistry	4	0	6	6
3	CSE1143	Computer Programming for Industrial Engineering	3	2	5	5
4	IE1001	Introduction to Industrial Engineering	2	0	3	3
5	MATH1001	Calculus I	4	0	6	6
6	PHYS1101	Physics I	3	0	4	4
7	PHYS1103	Physics Lab I	0	2	2	2
8	TRD121	Türk Dili I	2	0	2	2
TOPLAM			20	4	30	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	CSE1144	Intermediate Programming for Industrial Engineering	3	2	6	6
3	IE1002	Industrial Engineering Fundamentals	2	0	3	3
4	MATH1002	Calculus II	4	0	6	6
5	ME1161	Engineering Drawing	1	2	5	5
6	PHYS1102	Physics II	3	0	4	4
7	PHYS1104	Physics Lab II	0	2	2	2
8	TRD122	Türk Dili II	2	0	2	2
TOPLAM			17	6	30	30

3. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ECON2003	Introduction to Economics	3	0	4	4
2	IE2151	Probability for Industrial Engineers	3	2	11	11
3	MATH2055	Differential Equations	3	0	4	4
4	ME2075	Statics and Strength of Materials	3	0	4	4
5	MSE2072	Introduction to Materials Science	3	0	4	4
6	NTExxx	Non-Technical Elective - 1	2	0	3	3
TOPLAM			17	2	30	30

4. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ECON2004	Engineering Economy	2	0	4	4
2	IE2032	Introduction to Operations Research	2	0	4	4
3	IE2152	Statistics for Industrial Engineers	3	2	11	11
4	MATH2056	Linear Algebra	3	0	4	4
5	MATH2059	Numerical Methods	3	0	4	4
6	NTExxx	Non-Technical Elective - 2	2	0	3	3
TOPLAM			15	2	30	30

5. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ACC3013	Cost Accounting	3	0	5	5
2	IE3000	Summer Practice I	0	0	10	10
3	IE3025	Production Planning and Control I	3	2	7	7
4	IE3033	Operations Research I	3	2	6	6
5	IE3045	Introduction to Management Information Systems	3	0	6	6
6	IE3085	Quality Methods	3	0	6	6
TOPLAM			15	4	40	40

6. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE3026	Production Planning and Control II	3	2	6	6
2	IE3034	Operations Research II	3	2	7	7
3	IE3174	Work Study and Ergonomics	3	0	5	5
4	IE3064	Introduction to Simulation	3	2	7	7
5	TExxx	Technical Elective - 1	3	0	5	5
TOPLAM			15	6	30	30

7. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE4000	Summer Practice II	0	0	10	10
2	IE4027	Scheduling and Sequencing	2	2	5	5
3	IE4031	Decision Analysis	3	0	5	5
4	IE4197	Engineering Project - I	0	2	5	5
5	ISG121	İş Sağlığı ve Güvenliği I	2	0	2	2
6	TExxx	Technical Elective - 2	3	0	5	5
7	TExxx	Technical Elective - 3	3	0	5	5
8	UExxx	University Elective	2	0	3	3
TOPLAM			15	4	40	40

8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE4036	Project Management	2	2	5	5
2	IE4198	Engineering Project - II	0	2	5	5
3	ISG122	İş Sağlığı ve Güvenliği II	2	0	2	2
4	NTExxx	Non-Technical Elective - 3	2	0	3	3
5	TExxx	Technical Elective - 4	3	0	5	5
6	TExxx	Technical Elective - 5	3	0	5	5
7	TExxx	Technical Elective - 6	3	0	5	5
TOPLAM			15	4	30	30

TE1..5: 6-7-8. YARIYIL

No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ACC4017	Financial Accounting	3	0	5	5
2	ACC4018	Managerial Accounting	3	0	5	5
3	CSE3096	Database Management Systems	3	0	5	5
4	ECON4001	Managerial Economics	3	0	5	5
5	FNCE4016	Finance for Engineers	3	0	5	5
6	IE3024	Manufacturing Processes	3	0	5	5
7	IE3027	ERP Tools, Techniques and Applications	3	0	5	5
8	IE3040	Systems Engineering	3	0	5	5
9	IE3044	Human Factors Engineering	3	0	5	5
10	IE3047	Innovation Management	3	0	5	5
11	IE3050	Green Engineering	3	0	5	5
12	IE3053	Sustainability	3	0	5	5
13	IE3056	Risk Management	3	0	5	5
14	IE3061	Computer Aided Design / Manufacturing	3	0	5	5
15	IE3062	Computer Aided Engineering	3	0	5	5
16	IE3065	Advanced Programming	3	0	5	5
17	IE3075	Occupational Health and Safety	3	0	5	5
18	IE3087	Process Management	3	0	5	5
19	IE3088	Quality Audit	3	0	5	5
20	IE4025	Facilities Planning	3	0	5	5
21	IE4032	Introduction to Graph Theory	3	0	5	5
22	IE4033	Heuristics Solution Methods	3	0	5	5
23	IE4035	Game Theory	3	0	5	5
24	IE4037	Intelligent Manufacturing Systems	3	0	5	5
25	IE4038	Artificial Intelligence in Industrial Engineering	3	0	5	5
26	IE4042	Enterprise Information Systems	3	0	5	5
27	IE4043	Applied Data Mining	3	0	5	5
28	IE4046	Manufacturing Systems	3	0	5	5
29	IE4052	Supply Chain Management	3	0	5	5
30	IE4053	Introduction to Stochastic Processes	3	0	5	5
31	IE4055	Design of Experiments	3	0	5	5
32	IE4058	Econometrics and Forecasting	3	0	5	5
33	IE4059	Queuing Theory	3	0	5	5
34	IE4061	Computer Integrated Manufacturing	3	0	5	5
35	IE4071	Technology and Research & Development Management	3	0	5	5
36	IE4075	Foreign Expansions and Trade Techniques	3	0	5	5
37	IE4087	Introduction to Total Quality Management	3	0	5	5
38	IE4088	Reliability Theory	3	0	5	5
39	IE4093	Seminars in Industrial Engineering	3	0	5	5
40	IE4094	Special Topics in Industrial Engineering	3	0	5	5
41	IE4095	Special Topics in Operations Research	3	0	5	5
42	IE4096	Current Topics in Industrial Engineering	3	0	5	5
43	MGT3072	Principles of Management	3	0	5	5
44	MGT4065	Entrepreneurship and Small Business Management	3	0	5	5
45	MGT4066	Management of Change	3	0	5	5
46	MGT4073	Strategic Management I	3	0	5	5
47	MGT4074	Strategic Management II	3	0	5	5
48	MRK3071	Marketing Management	3	0	5	5
TOPLAM			144	0	240	240

Mühendislik Fakültesi
Endüstri Mühendisliği (İngilizce) - 2015 | Çift Anadal Programı

Genel Toplam | Ortalama Yarıyıl Ders = $[32 / 8 = 4] + 3 = 7$ | T = 76 | U = 30 | Toplam Saat = 106 | Kredi = 173 | ECTS = 173

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CHEM1007	Basic Chemistry	4	0	6	6
2	CSE1143	Computer Programming for Industrial Engineering	3	2	5	5
3	IE1001	Introduction to Industrial Engineering	2	0	3	3
4	MATH1001	Calculus I	4	0	6	6
5	PHYS1101	Physics I	3	0	4	4
6	PHYS1103	Physics Lab I	0	2	2	2
TOPLAM			16	4	26	26

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE1002	Industrial Engineering Fundamentals	2	0	3	3
2	MATH1002	Calculus II	4	0	6	6
3	ME1161	Engineering Drawing	1	2	5	5
4	PHYS1102	Physics II	3	0	4	4
5	PHYS1104	Physics Lab II	0	2	2	2
TOPLAM			10	4	20	20

3. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ECON2003	Introduction to Economics	3	0	4	4
2	IE2151	Probability for Industrial Engineers	3	2	11	11
3	MATH2055	Differential Equations	3	0	4	4
TOPLAM			9	2	19	19

4. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ECON2004	Engineering Economy	2	0	4	4
2	IE2032	Introduction to Operations Research	2	0	4	4
3	IE2152	Statistics for Industrial Engineers	3	2	11	11
4	MATH2056	Linear Algebra	3	0	4	4
TOPLAM			10	2	23	23

5. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE3000	Summer Practice I	0	0	10	10
2	IE3025	Production Planning and Control I	3	2	7	7
3	IE3033	Operations Research I	3	2	6	6
4	IE3045	Introduction to Management Information Systems	3	0	6	6
5	IE3085	Quality Methods	3	0	6	6
TOPLAM			12	4	35	35

6. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE3026	Production Planning and Control II	3	2	6	6
2	IE3034	Operations Research II	3	2	7	7
3	IE3174	Work Study and Ergonomics	3	0	5	5
4	IE3064	Introduction to Simulation	3	2	7	7
TOPLAM			12	6	25	25

7. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE4027	Scheduling and Sequencing	2	2	5	5
2	IE4031	Decision Analysis	3	0	5	5
3	IE4197	Engineering Project - 1	0	2	5	5
TOPLAM			5	4	15	15

8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE4036	Project Management	2	2	5	5
2	IE4198	Engineering Project - 2	0	2	5	5
TOPLAM			2	4	10	10

Mühendislik Fakültesi

Endüstri Mühendisliği (İngilizce) - 2015 | Yandal Programı

Genel Toplam | Ortalama Yarıyıl Ders = $[17 / 8 = 2,12] + 3 = 5$ | T = 44 | U = 16 | Toplam Saat = 60 | Kredi = 93 | ECTS = 93

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CSE1143	Computer Programming for Industrial Engineering	3	2	5	5
2	IE1001	Introduction to Industrial Engineering	2	0	3	3
3	MATH1001	Calculus I	4	0	6	6
4	PHYS1101	Physics I	3	0	4	4
5	PHYS1103	Physics Lab I	0	2	2	2
TOPLAM			12	4	20	20

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE1002	Industrial Engineering Fundamentals	2	0	3	3
TOPLAM			2	0	3	3

3. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE2151	Probability for Industrial Engineers	3	2	11	11
TOPLAM			3	2	11	11

4. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	ECON2004	Engineering Economy	2	0	4	4
2	IE2032	Introduction to Operations Research	2	0	4	4
3	IE2152	Statistics for Industrial Engineers	3	2	11	11
4	MATH2056	Linear Algebra	3	0	4	4
TOPLAM			10	2	23	23

5. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE3025	Production Planning and Control I	3	2	7	7
2	IE3033	Operations Research I	3	2	6	6
3	IE3045	Introduction to Management Information Systems	3	0	6	6
4	IE3085	Quality Methods	3	0	6	6
TOPLAM			12	4	25	25

6. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE3026	Production Planning and Control II	3	2	6	6
TOPLAM			3	2	6	6

8. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE4036	Project Management	2	2	5	5
TOPLAM			2	2	5	5