

Fen Bilimleri Enstitüsü
Mühendislik Yönetimi (İngilizce) / Mühendislik Yönetimi (İngilizce)
Tezli Yüksek Lisans

Genel Toplam Ders Adedi :8 T : 21 U : 2 Kredi : 60 ECTS : 60 T+U : 23

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	EM-E1..4-YL	Elective -1..4 (Ders 1) <small>[Bu ders EM-E1..4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
2	EM-E1..4-YL	Elective -1..4 (Ders 2) <small>[Bu ders EM-E1..4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	EM-E1..4-YL	Elective -1..4 (Ders 3) <small>[Bu ders EM-E1..4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	EM-E1..4-YL	Elective -1..4 (Ders 4) <small>[Bu ders EM-E1..4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
Toplam			12	0	32	32

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	EM7000	Seminar	0	2	4	4
2	EM-E5,6,7-YL	Elective -5-6-7 (Ders 1) <small>[Bu ders EM-E5,6,7-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	EM-E5,6,7-YL	Elective -5-6-7 (Ders 2) <small>[Bu ders EM-E5,6,7-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	EM-E5,6,7-YL	Elective -5-6-7 (Ders 3) <small>[Bu ders EM-E5,6,7-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
Toplam			9	2	28	28

EM-E1..4-YL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	EM7003	Database Management Systems	3	0	8	8
2	EM7005	Network Theory and Project Scheduling in Engineering Management	3	0	8	8
3	EM7006	Business Policy	3	0	8	8
4	EM7007	Quality Planning and Engineering	3	0	8	8
5	EM7008	Management Information Systems	3	0	8	8
6	EM7009	Mathematical Programming	3	0	8	8
7	EM7013	Information Systems Analysis and Design	3	0	8	8
8	EM7014	Engineering Law	3	0	8	8
9	EM7016	Service Operations Management	3	0	8	8
10	EM7017	Special Topics in Engineering Management	3	0	8	8
11	EM7018	Foreign Expansion and Trade Techniques	3	0	8	8
12	EM7019	Research Methodology	3	0	8	8
13	EM7020	Data Communications and Computer Networks	3	0	8	8
14	EM7021	Business Enterprises and Bank Credit Relations	3	0	8	8
15	EM7022	Human Resources Management	3	0	8	8
16	EM7023	Advanced Production Planning and Control in Engineering Management	3	0	8	8
17	EM7024	Information Systems Management	3	0	8	8
18	EM7025	Advanced Manufacturing Systems in Engineering Management	3	0	8	8
19	EM7026	Flexible Manufacturing Systems in Engineering Management	3	0	8	8
20	EM7027	Current Topics in Engineering Management	3	0	8	8
21	EM7028	Strategic Management	3	0	8	8
22	EM7029	Business Process Re-Engineering	3	0	8	8
23	EM7030	Technology Management	3	0	8	8
24	EM7031	Business Society and Government Regulations	3	0	8	8
25	EM7032	Marketing Management	3	0	8	8
26	EM7033	R&D Management	3	0	8	8
27	EM7034	Techniques of Gaseous Fuel Technology	3	0	8	8
28	EM7035	Transportation Engineering	3	0	8	8
29	EM7036	Forecasting Techniques	3	0	8	8
30	EM7037	Value Engineering and Change Management	3	0	8	8
31	EM7038	Games and Decision Making in Management Science	3	0	8	8
32	EM7039	Techniques, Economics and Organisation of Safety	3	0	8	8
33	EM7040	Financial Analysis for Engineering Management	3	0	8	8
34	EM7041	Process Management	3	0	8	8
35	EM7042	Computer Applications in Engineering Management	3	0	8	8

EM-E5,6,7-YL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	EM7003	Database Management Systems	3	0	8	8
2	EM7005	Network Theory and Project Scheduling in Engineering Management	3	0	8	8
3	EM7006	Business Policy	3	0	8	8
4	EM7007	Quality Planning and Engineering	3	0	8	8
5	EM7008	Management Information Systems	3	0	8	8
6	EM7009	Mathematical Programming	3	0	8	8
7	EM7013	Information Systems Analysis and Design	3	0	8	8
8	EM7014	Engineering Law	3	0	8	8
9	EM7016	Service Operations Management	3	0	8	8
10	EM7017	Special Topics in Engineering Management	3	0	8	8
11	EM7018	Foreign Expansion and Trade Techniques	3	0	8	8
12	EM7019	Research Methodology	3	0	8	8
13	EM7020	Data Communications and Computer Networks	3	0	8	8
14	EM7021	Business Enterprises and Bank Credit Relations	3	0	8	8
15	EM7022	Human Resources Management	3	0	8	8
16	EM7023	Advanced Production Planning and Control in Engineering Management	3	0	8	8
17	EM7024	Information Systems Management	3	0	8	8
18	EM7025	Advanced Manufacturing Systems in Engineering Management	3	0	8	8
19	EM7026	Flexible Manufacturing Systems in Engineering Management	3	0	8	8
20	EM7027	Current Topics in Engineering Management	3	0	8	8
21	EM7028	Strategic Management	3	0	8	8
22	EM7029	Business Process Re-Engineering	3	0	8	8
23	EM7030	Technology Management	3	0	8	8
24	EM7031	Business Society and Government Regulations	3	0	8	8
25	EM7032	Marketing Management	3	0	8	8
26	EM7033	R&D Management	3	0	8	8
27	EM7034	Techniques of Gaseous Fuel Technology	3	0	8	8
28	EM7035	Transportation Engineering	3	0	8	8
29	EM7036	Forecasting Techniques	3	0	8	8
30	EM7037	Value Engineering and Change Management	3	0	8	8
31	EM7038	Games and Decision Making in Management Science	3	0	8	8
32	EM7039	Techniques, Economics and Organisation of Safety	3	0	8	8
33	EM7040	Financial Analysis for Engineering Management	3	0	8	8
34	EM7041	Process Management	3	0	8	8
35	EM7042	Computer Applications in Engineering Management	3	0	8	8

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36	EM7043	Engineering for a Sustainable Biosphere	3	0	8	8
37	EM7044	Expert Systems	3	0	8	8
38	EM7045	Data Mining Techniques	3	0	8	8
39	EM7047	Cost Management	3	0	8	8
40	EM7049	Design and Analysis of Manufacturing Systems in Engineering Management	3	0	8	8
41	EM7051	Energy Technologies, Economics, Policies	3	0	8	8
42	EM7053	Productivity Management in Engineering Management	3	0	8	8
43	EM7054	Portfolio Management in Engineering Management	3	0	8	8
44	EM7055	Logistics Management	3	0	8	8
45	EM7057	Performance Analysis in Engineering Management	3	0	8	8
46	EM7059	Manufacturing Strategies in Engineering Management	3	0	8	8
47	EM7060	Supply Chain Management	3	0	8	8
48	EM7061	Special Topics in Industrial Engineering	3	0	8	8
49	EM7063	Forecasting and Time Series Analysis in Engineering Management	3	0	8	8
50	EM7064	Risk, Disaster and Crisis Management	3	0	8	8
51	EM7065	Managerial Economics	3	0	8	8
52	EM7066	Inventory Management in Engineering Management	3	0	8	8
53	EM7067	Ergonomics in Engineering Management	3	0	8	8
54	EM7068	Communication and Team Building	3	0	8	8
55	EM7069	Principles of Marketing	3	0	8	8
56	EM7070	Simulation Modeling of Production and Service Systems in Engineering Management	3	0	8	8
57	EM7076	Computer Integrated Manufacturing in Engineering Management	3	0	8	8

36	EM7043	Engineering for a Sustainable Biosphere	3	0	8	8
37	EM7044	Expert Systems	3	0	8	8
38	EM7045	Data Mining Techniques	3	0	8	8
39	EM7047	Cost Management	3	0	8	8
40	EM7049	Design and Analysis of Manufacturing Systems in Engineering Management	3	0	8	8
41	EM7051	Energy Technologies, Economics, Policies	3	0	8	8
42	EM7053	Productivity Management in Engineering Management	3	0	8	8
43	EM7054	Portfolio Management in Engineering Management	3	0	8	8
44	EM7055	Logistics Management	3	0	8	8
45	EM7057	Performance Analysis in Engineering Management	3	0	8	8
46	EM7059	Manufacturing Strategies in Engineering Management	3	0	8	8
47	EM7060	Supply Chain Management	3	0	8	8
48	EM7061	Special Topics in Industrial Engineering	3	0	8	8
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52	EM7066	Inventory Management in Engineering Management	3	0	8	8
53	EM7067	Ergonomics in Engineering Management	3	0	8	8
54	EM7068	Communication and Team Building	3	0	8	8
55	EM7069	Principles of Marketing	3	0	8	8
56	EM7070	Simulation Modeling of Production and Service Systems in Engineering Management	3	0	8	8
57	EM7076	Computer Integrated Manufacturing in Engineering Management	3	0	8	8