

Fen Bilimleri Enstitüsü
Endüstri Mühendisliği (İngilizce) / Endüstri Mühendisliği (İngilizce)
Tezli Yüksek Lisans

Genel Toplam Ders Adedi :9 T : 24 U : 2 Kredi : 60 ECTS : 60 T+U : 26

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE-CC1,2-YL	CORE - 1,2 (Ders 1) <small>[Bu ders IE-CC1,2-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
2	IE-CC1,2-YL	CORE - 1,2 (Ders 2) <small>[Bu ders IE-CC1,2-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
3	IE-EE1,2-YL	ELECTIVE - 1-2 (Ders 1) <small>[Bu ders IE-EE1,2-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
4	IE-EE1,2-YL	ELECTIVE - 1-2 (Ders 2) <small>[Bu ders IE-EE1,2-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
Toplam			12	0	28	28

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE7000	Seminar	0	2	4	4
2	IE-CC3,4-YL	CORE - 3-4 (Ders 1) <small>[Bu ders IE-CC3,4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
3	IE-CC3,4-YL	CORE - 3-4 (Ders 2) <small>[Bu ders IE-CC3,4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
4	IE-EE3,4-YL	ELECTIVE - 3-4 (Ders 1) <small>[Bu ders IE-EE3,4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
5	IE-EE3,4-YL	ELECTIVE - 3-4 (Ders 2) <small>[Bu ders IE-EE3,4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	7	7
Toplam			12	2	32	32

IE-CC1,2-YL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE7002	Network Theory and Project Scheduling	3	0	7	7
2	IE7003	Quality Engineering	3	0	7	7
3	IE7005	Design of Experiments	3	0	7	7
4	IE7006	Simulation Modeling of Production and Service Systems	3	0	7	7
5	IE7007	Ergonomics	3	0	7	7
6	IE7010	Stochastic Processes	3	0	7	7
7	IE7012	Introduction to Scheduling	3	0	7	7
8	IE7013	Information Processing Systems	3	0	7	7
9	IE7014	Multivariate Statistical Analysis	3	0	7	7
10	IE7015	Design and Analysis of Manufacturing Systems	3	0	7	7
11	IE7017	Logistics and Supply Chain Management	3	0	7	7
12	IE7019	Intelligent Manufacturing Systems	3	0	7	7
13	IE7025	Advanced Manufacturing Systems	3	0	7	7

IE-EE1,2-YL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE7011	Advanced Production Planning and Control	3	0	7	7
2	IE7018	Information Security Management	3	0	7	7
3	IE7021	Computer Integrated Manufacturing in Industrial Engineering	3	0	7	7
4	IE7022	Computer Aided Design	3	0	7	7
5	IE7024	Dynamic Programming	3	0	7	7
6	IE7026	Flexible Manufacturing Systems	3	0	7	7
7	IE7027	Financial Analysis	3	0	7	7
8	IE7028	Industrial Robotics	3	0	7	7
9	IE7029	Manufacturing Strategies	3	0	7	7
10	IE7030	Integer Programming	3	0	7	7
11	IE7031	Forecasting and Time Series Analysis	3	0	7	7
12	IE7032	Inventory Management	3	0	7	7
13	IE7033	Portfolio Management	3	0	7	7
14	IE7034	Reliability and Quality Assurance Systems	3	0	7	7
15	IE7035	Statistical Decision Making	3	0	7	7
16	IE7036	Data Mining	3	0	7	7
17	IE7037	Special Topics in Operations Research I	3	0	7	7
18	IE7038	Special Topics in Operations Research II	3	0	7	7
19	IE7041	Special Topics in Industrial Engineering I	3	0	7	7
20	IE7042	Special Topics in Industrial Engineering II	3	0	7	7
21	IE7043	Performance Analysis	3	0	7	7
22	IE7044	Productivity Management	3	0	7	7
23	IE7045	Data Envelopment Analysis	3	0	7	7

IE-CC3,4-YL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE7002	Network Theory and Project Scheduling	3	0	7	7
2	IE7003	Quality Engineering	3	0	7	7
3	IE7005	Design of Experiments	3	0	7	7
4	IE7006	Simulation Modeling of Production and Service Systems	3	0	7	7
5	IE7007	Ergonomics	3	0	7	7
6	IE7010	Stochastic Processes	3	0	7	7
7	IE7012	Introduction to Scheduling	3	0	7	7
8	IE7013	Information Processing Systems	3	0	7	7
9	IE7014	Multivariate Statistical Analysis	3	0	7	7
10	IE7015	Design and Analysis of Manufacturing Systems	3	0	7	7
11	IE7017	Logistics and Supply Chain Management	3	0	7	7
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IE-EE3,4-YL						
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1	IE7011	Advanced Production Planning and Control	3	0	7	7
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5	IE7024	Dynamic Programming	3	0	7	7
6	IE7026	Flexible Manufacturing Systems	3	0	7	7
7	IE7027	Financial Analysis	3	0	7	7
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9	IE7029	Manufacturing Strategies	3	0	7	7
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11	IE7031	Forecasting and Time Series Analysis	3	0	7	7
12	IE7032	Inventory Management	3	0	7	7
13	IE7033	Portfolio Management	3	0	7	7
14	IE7034	Reliability and Quality Assurance Systems	3	0	7	7
15	IE7035	Statistical Decision Making	3	0	7	7
16	IE7036	Data Mining	3	0	7	7
17	IE7037	Special Topics in Operations Research I	3	0	7	7
18	IE7038	Special Topics in Operations Research II	3	0	7	7
19	IE7041	Special Topics in Industrial Engineering I	3	0	7	7
20	IE7042	Special Topics in Industrial Engineering II	3	0	7	7
21	IE7043	Performance Analysis	3	0	7	7
22	IE7044	Productivity Management	3	0	7	7
23	IE7045	Data Envelopment Analysis	3	0	7	7