

Fen Bilimleri Enstitüsü
Makine Mühendisliği (İngilizce) / Makine Mühendisliği (İngilizce)
Tezsiz Yüksek Lisans (II. Eğitim)

Genel Toplam Ders Adedi :11 T : 30 U : 1 Kredi : 85 ECTS : 90 T+U : 31

1. YARIYIL					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	ME-EC1..5-TZ	Elective - 1..5 (Ders 1) <small>[Bu ders ME-EC1..5-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	6 6
2	ME-EC1..5-TZ	Elective - 1..5 (Ders 2) <small>[Bu ders ME-EC1..5-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	6 6
3	ME-EC1..5-TZ	Elective - 1..5 (Ders 3) <small>[Bu ders ME-EC1..5-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	6 6
4	ME-EC1..5-TZ	Elective - 1..5 (Ders 4) <small>[Bu ders ME-EC1..5-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	6 6
5	ME-EC1..5-TZ	Elective - 1..5 (Ders 5) <small>[Bu ders ME-EC1..5-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	6 6
Toplam			15	0	30 30

2. YARIYIL					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	ME-EC6..10-TZ	Elective - 6-7-8-9-10 (Ders 1) <small>[Bu ders ME-EC6..10-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	5 6
2	ME-EC6..10-TZ	Elective - 6-7-8-9-10 (Ders 2) <small>[Bu ders ME-EC6..10-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	5 6
3	ME-EC6..10-TZ	Elective - 6-7-8-9-10 (Ders 3) <small>[Bu ders ME-EC6..10-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	5 6
4	ME-EC6..10-TZ	Elective - 6-7-8-9-10 (Ders 4) <small>[Bu ders ME-EC6..10-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	5 6
5	ME-EC6..10-TZ	Elective - 6-7-8-9-10 (Ders 5) <small>[Bu ders ME-EC6..10-TZ ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	5 6
Toplam			15	0	25 30

3. YARIYIL					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	ME7798	Semester Project	0	1	30 30
Toplam			0	1	30 30

ME-EC1..5-TZ					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	ME7711	Advanced Thermodynamics	3	0	6 6
2	ME7713	Mechanics of Engineering Composites	3	0	6 6
3	ME7715	Design Optimization	3	0	6 6
4	ME7717	Computer Aided Product Design	3	0	6 6
5	ME7719	Introduction Continuum Mechanics	3	0	6 6
6	ME7721	Artificial Intelligent Techniques in Engineering Applications	3	0	6 6
7	ME7723	Advanced Material Science	3	0	6 6
8	ME7725	Advanced Probability	3	0	6 6
9	ME7727	Advanced Vibrations	3	0	6 6
10	ME7729	Vibration Measurement and Analysis	3	0	6 6
11	ME7731	Solar Energy Utilization	3	0	6 6
12	ME7733	Internal Combustion Engine Modeling	3	0	6 6
13	ME7735	Advanced Heating, Ventilation and Air Conditioning	3	0	6 6
14	ME7737	Ideal Fluid Flow	3	0	6 6
15	ME7739	Fluid Power Control	3	0	6 6
16	ME7751	Special Topics in Mechanics	3	0	6 6
17	ME7753	Special Topics in Thermal Sciences	3	0	6 6
18	ME7755	Special Topics in Product Design and Manufacturing	3	0	6 6
19	ME7771	Numerical Methods for Engineers	3	0	6 6
20	ME7773	Advanced Mathematics for Mechanical Engineers	3	0	6 6
21	ME7775	Advanced Fluid Mechanics	3	0	6 6
22	ME7777	Advanced Dynamics	3	0	6 6
23	ME7779	Advanced System Dynamics and Control	3	0	6 6

ME-EC6..10-TZ					
No	Ders Kodu	Ders Adı	T	U	Kredi ECTS
1	ME7710	Principles of Design	3	0	6 6
2	ME7712	Kinematic and Dynamic Analysis of Mechanisms	3	0	6 6
3	ME7714	Applied Elasticity	3	0	6 6
4	ME7716	Finite Element Method	3	0	6 6
5	ME7718	Computational Methods in Dynamics	3	0	6 6
6	ME7720	Principles of Robotics	3	0	6 6
7	ME7722	Analysis and Design of Discrete Time Systems	3	0	6 6
8	ME7724	Industrial Process Control	3	0	6 6
9	ME7726	Non-Traditional Production Processes	3	0	6 6
10	ME7728	Optimal Control Systems	3	0	6 6
11	ME7730	Computational Fluid Dynamics	3	0	6 6
12	ME7732	Combustion	3	0	6 6
13	ME7734	Design of Thermo-Fluid Systems	3	0	6 6
14	ME7736	Introduction to Renewable Energy Systems and Technologies	3	0	6 6
15	ME7738	Second Law Analysis and Thermo-economics of Energy Systems	3	0	6 6
16	ME7740	Turbulent Flow	3	0	6 6
17	ME7742	Experimental Methods in Fluids	3	0	6 6
18	ME7752	Special Topics in Thermo-Fluid Systems	3	0	6 6
19	ME7754	Special Topics in Transport Phenomenon	3	0	6 6
20	ME7756	Special Topics in Control	3	0	6 6
21	ME7772	Advanced Strength of Materials	3	0	6 6
22	ME7774	Mathematical Methods for Engineers	3	0	6 6
23	ME7776	Advanced Heat and Mass Transfer	3	0	6 6