

No	Ders-kodu	Ders-adi	Kredi	Uzmanlaşma Alanı
1	BME 322	Biomedical Sensors and Transducers	3	
2	CHBE 381	Chemistry and Engineering of Polymers	3	
3	CHBE 468	Surface Chemistry in NanoScience	3	
4	CHBE 446	Statistical Quality Control for CHBE	3	
5	CSE 315	Internet Technologies	3	
6	CSE 421	Microprocessors & Microcontrollers	3	
7	CSE 427	Computer Architecture	3	
8	CSE 439	Computer Security	3	
9	CSE 462	Introduction to Artificial Intelligence	3	
10	CSE 483	Computer Graphics	3	
11	CSE 484	Introduction to Virtual Reality	3	
12	CSE 487	Image Processing and Pattern Recognition	3	
13	CSE 425	Digital System Design	3	
14	EE 311	Logic Circuits	4	
15	EE 342	Microprocessors	3	
16	EE 371	Electromechanical Energy Conversion	3	
17	EE 407	Transducers	3	
18	EE 409	Mechatronics	3	
19	EE 416	Measurement Theory	3	
20	EE 432	Industrial Electronics	3	
21	EE 445	Electronic Circuit Applications	3	
22	EE 475	High Voltage Technique	3	
23	EE 477	Electrical Distribution Systems	3	
24	EE 479	Electric Machines	3	
25	ES 405	Management for Professional Engineers	3	
26	GBE 334	Biomaterials	3	
27	GBE 376	Forensic Technology	3	
28	ME 361	Modern Engineering Materials	3	
29	ME 422	Internal Combustion Engines	3	(Isı/akışkan alanı)
30	ME 423	HVAC Fundamentals	3	(Isı/akışkan alanı)
31	ME 424	HVAC Systems and Equipment Design	3	(Isı/akışkan alanı)
32	ME 425	Refrigeration	3	(Isı/akışkan alanı)
33	ME 426	Heat Exchangers	3	(Isı/akışkan alanı)
34	ME 432	Aerodynamics	3	
35	ME 436	Applied Fluid Mechanics	3	(Isı/akışkan alanı)
36	ME 438	Engineering Acoustics	3	
37	ME 439	Gas Dynamics	3	(Isı/akışkan alanı)
38	ME 444	Fatigue and Fracture Mechanics	3	(Katı mekaniği)
39	ME 446	Mechanics of Composite Materials	3	(Katı mekaniği)
40	ME 449	Applied Solid Mechanics	3	(Katı mekaniği)
41	ME 452	Mechanisms and Applications	3	(Dinamik/kontrol)
42	ME 453	Introduction to Mobile Robotics	3	(Dinamik/kontrol)
43	ME 454	Design of Planar Machinery	3	(Dinamik/kontrol)
44	ME 455	Vehicle Dynamics	3	
45	ME 456	Mechatronics	3	(Dinamik/kontrol)
46	ME 457	Control Systems Design	3	(Dinamik/kontrol)
47	ME 458	Dynamics of Machinery	3	(Dinamik/kontrol)
48	ME 459	Robot Mechanics	3	(Dinamik/kontrol)
49	ME 462	Introduction to MEMS Fabrication	3	
50	ME 463	Tribology	3	
51	ME 465	Introduction to Nanotechnology and Nanoscience	3	
52	ME 469	Nondestructive Testing	3	
53	ME 477	Finite Element Method	3	(Katı mekaniği)
54	ME 478	Optimization Theory	3	
55	ME 483	Flight Mechanics	3	

56	ME 484	Automotive Engineering	3	
57	ME 485	Theory of Music	3	
58	ME 503	Continuum Mechanics	3	(Katı mekaniği)
59	ME 521	Advanced Thermodynamics	3	(Isı/akışkan alanı)
60	ME 522	Advanced Heat Transfer	3	(Isı/akışkan alanı)
61	ME 532	Advanced Fluid Dynamics	3	(Isı/akışkan alanı)
62	ME 555	Digital Control	3	(Dinamik/kontrol)
63	ME 575	Computational Fluid Dynamics	3	(Isı/akışkan alanı)
64	PHYS 311	Kuantum Mekaniği	3	
65	SYE 313	Introduction to Graph Theory	3	
66	SYE 346	Management Information Systems	3	
67	SYE 354	Risk Analysis	3	
68	SYE 364	Scheduling Theory	3	
69	SYE 446	Quality Control	3	
70	SYE 455	Industrial Automation and Instrumentation	3	
71	SYE 463	Computer Integrated Manufacturing	3	
72	SYE 307	Object Oriented Languages	3	
73	SYE 371	Digital Systems Design	4	
74	SYE 361	Production and System Design	3	