MECE Bölüm Seçmeli Dersleri			
MECE 441	Control System Design + Lab	2 2 3	5
MECE 444	Pattern Recognition	3 0 3	5
MECE 451	Electrical Machines and Plants	3 0 3	5
MECE 452	Measures for Automation	3 0 3	5
MECE 453	Soft Computing in power Systems	4 0 4	5
MECE 454	Virtual Instrumentation for Industrial Automation	3 0 3	5
MECE 473	Issues in Mechanics of Solids	3 0 3	5
MECE 475	Introduction to Optics	3 0 3	5
MECE 480	Digital Control Theory and Applications	2 2 3	5
MECE 481	Optimal Control and Optimization	3 2 4	5
MECE 482	Systems Engineering in Defence Industry	3 0 3	5
MECE 483	Adaptive and Self Tuning Control	3 2 4	5
MECE 485	Manufacturing Engineering	3 0 3	5
MECE 486	Manufacturing Systems	3 0 3	5
MECE 491	Biomechatronics	3 0 3	5
MECE 492	Measurement Techniques in Mechatronics Engineering	3 0 3	5
MECE 493	Biomedical Instrumentation	3 0 3	5
MECE 494	Autonomous Mobile Robots	3 0 3	5
MECE 495	Underwater Vehicle Design Engineering	3 0 3	5
Alan İçi Seçmeli Dersleri			
ME 331	Numerical Methods for Mechanical Engineers *	3 0 3	5
ME 402	Introduction to Finite Element Analysis *	3 0 3	5
ME 403	Design of Composite Structures	3 0 3	5
ME 410	Metal Cutting	3 0 3	5
ME 417	Design of Mechanisms and Machines	3 0 3	5
ME 423	Industrial Fluid Power *	3 0 3	5
ME 424	Introduction to Construction Machinery *	3 0 3	5
ME 430	Applications of Solar Energy	3 0 3	5
ME 445	Computer Aided Design and Manufacturing	3 0 3	5
ME 451	Non-Destructive Testing of Materials	3 0 3	5
ME 452	Welding Technologies	3 0 3	5
MSE 426	Thermal Processing of Materials	3 0 3	5
MSE 427	Electronic, Optical and Magnetic Materials and Devices	3 0 3	5
EE 304	Telecommunications Essentials	3 0 3	5
EE 326	Power Electronics	3 0 3	5
EE 402	Applied Telecommunication Design	3 2 4	7
EE 451	Antenna Theory	3 0 3	5
EE 452	Microwave Circuit Design	2 2 3	5
EE 453	Microwave Theory	3 0 3	5
EE 454	Optical Communication Systems	3 0 3	5

EE 455	Performance Management of Computer Networks	3 0 3	5
EE 457	Traffic Management of Internet Protocols	3 0 3	5
EE 458	Statistical Signal Processing	3 0 3	5
EE 461	Electric Machine and Drive Systems	3 0 3	5
EE 462	Introduction to Image Processing	2 2 3	5
EE 463	Introduction to Remote Sensing	3 0 3	5
EE 464	Digital Integrated Circuits	3 0 3	5
EE 465	Power Systems	3 0 3	5
EE 466	Energy Distribution	3 0 3	5
EE 467	Digital Signal Processing	3 0 3	5
EE 468	Computer Architecture	3 2 4	6
EE 469	Embedded Systems	3 0 3	5
EE 471	Introduction to State-Space Methods	3 0 3	5
EE 472	Linear Systems: Control Design and Analysis	3 0 3	5
EE 473	Digital Audio Processing	3 0 3	5
EE 474	Power Converters and Electric Vehicles	3 0 3	5
EE 476	Design of Analog CMOS I	3 0 3	5
EE 478	Electronics III	3 0 3	5
EE 481	OSI Layers on Computer Networks	3 0 3	5
CENG 218	Data Structures	3 2 4	7
CENG 222	Computer Organization	3 0 3	7
CENG 241	Object Oriented Programming	3 2 4	5
CENG 344	Introduction to Java Programming	2 2 3	5
CENG 361	Innovative Game Design	3 0 3	5
CENG 383	Algorithms	3 0 3	6
CENG 393	Computer Networks	2 2 3	6
CENG 396	Software Engineering	3 0 3	6
CENG 435	Introduction to Data Security and Cryptography	3 0 3	5
CENG 439	Internetworking	2 2 3	5
CENG 460	Introduction to Multimedia Computing	3 0 3	5
CENG 464	Introduction to Data Mining	3 0 3	5
CENG 474	Int. to Data Science	3 0 3	5
CENG 476	Big Data	3 0 3	5
CENG 481	Artificial Neural Networks	3 0 3	5
CENG 483	Internet of Things	3 0 3	5
CENG 485	Blockchain	3 0 3	5
CENG 493	Introduction to Natural Language Processing	3 0 3	5
CENG 499	Special Topics in Computer Engineering	3 0 3	5
SENG 405	Mobile Application Development	2 2 3	5
SENG 425	Configuration Management	3 0 3	5
SENG 432	Advanced Software Test Techniques and Tools	3 0 3	5
SENG 436	International Standards on Quality and Test	3 0 3	5
SENG 438	Software Process Management	3 0 3	5

SENG 445	Computer Vision	3 0 3	5
SENG 449	Special Topics in Software Engineering	3 0 3	5
SENG 454	Game Design Patterns	3 0 3	5
SENG 456	Interactive Computer Graphics	3 0 3	5
SENG 460	Introduction to Deep Learning	3 0 3	5
SENG 462	Game Machine Learning	3 0 3	5
SENG 465	AI in Game Programming	3 0 3	5
SENG 474	Human Computer Interaction	3 0 3	5
SENG 477	Data Intensive Applications	3 0 3	5

* Hidromek Opsiyon Programı'na kayıtlı olan öğrencilerin alması zorunlu olan teknik seçmeli derslerdir.