

EE	411	Fundamentals of Photonics	(3-0) 3		6
EE	412	Lightwave Communication	(3-0) 3		6
EE	423	Antennas	(3-0) 3		6
EE	425	Microwave Engineering	(3-0) 3		6
EE	426	Introduction to Microwave and Antenna Measurements	(1-4) 3		6
EE	430	Introduction to Systems Biology	(3-0) 3		6
EE	431	Introduction to Image and Video Processing	(3-0) 3		6
EE	432	Speech Processing	(3-0) 3		6
EE	433	Introduction to Digital Signal Processing	(3-0) 3		6
EE	434	Biomedical Signal Processing	(3-0) 3		6
EE	436	Mathematical Foundations of Signal Processing and Systems	(3-0) 3		6
EE	440	Wireless Networking Technologies	(3-0) 3		6
EE	442	Computer Networks	(3-0) 3		6
EE	443	Embedded Systems	(3-2) 4		6
EE	444	Introduction to CMOS Integrated Circuit Design	(3-0) 3		6
EE	445	Supplementary Curricular Courses	(3-0) 3		6
EE	446	Embedded Systems II	(3-2) 4	EE443 dersinin geçilmiş olması.	6
EE	452	Digital Coding of Waveforms	(3-0) 3		6
EE	453	Software Defined Communications	(3-0) 3		6
EE	454	Introduction to Automotive Electronics	(3-0) 3	EE130, EE142, EE204, EE313 derslerinin geçilmiş olması	6
EE	455	Mobile Communication	(3-0) 3		6
EE	461	Nonlinear Control Systems	(3-0) 3		6
EE	462	Optimal Control	(3-0) 3		6
EE	463	Introduction to Robotics	(3-0) 3		6
EE	465	Industrial Power Electronics	(3-0) 3		6
EE	466	Advanced Industrial Power Electronics	(3-2) 4		6
EE	467	Introduction to Digital Control Systems	(3-0) 3		6
EE	470	Introduction To Software Engineering	(2-2) 3		6
EE	472	Nonlinear Time Series Analysis	(3-0) 3		6
EE	491	Project	(1-4) 3		6
EE	492	Project	(1-4) 3		6
EE	499	Cooperative Education Course	(0-6) 3		10