

EE TRACK1

EE TRACK1										
Semester-1				Semester-2				TOTAL		
ECTS				ECTS				ECTS		
Course Code	Engineering Credits	Basic Science Credits	Total	Course Code	Engineering Credits	Basic Science Credits	Total	Engineering Credits	Basic Science Credits	
								90	60	
								120	60	
Class - 1	course1	MATH101	-	6	6	MATH102	-	6	6	
	course2	NS101	-	6	6	NS102	-	6	6	
	course3	ENG101	-	-	3	ENG102	-	-	4	
	course4	HIST191	-	-	3	HIST192	-	-	3	
	course5	SPS101	-	-	6	SPS102	-	-	6	
	course6	TLL101	-	-	3	TLL102	-	-	3	
	course7		-	-	-	PROJ102	2	-	2	
			-	12	27		2	12	30	2 24
Class - 2	course1	CS201	6	-	6	ENS201	4	2	6	
	course2	NS203	7	-	7	EL202	7	-	7	
	course3	ENS211	3	3	6	ENS206	3	3	6	
	course4	MATH201	-	6	6	MATH203	-	6	6	
	course5	SC1	-	6	6	SC1	-	6	6	
	course6		-	-	-		-	-	-	
	course7		-	-	-		-	-	-	
			16	15	31		14	17	31	30 32
Class - 3	course1	CS303	6	1	7	EL308	7	-	7	
	course2	EL Pool1	6	-	6	EL Pool2	6	-	6	
	course3	EL Pool1	4	2	6	EL Pool2	6	-	6	
	course4	SPS303	-	-	5	TE Pool 2/Area Elective	5	1	6	
	course5	TE Pool 1/Area Elective	6	-	6	HUM2XX	-	-	5	
	course6		-	-	-	PROJ302	5	-	5	
	course7		-	-	-		-	-	-	
			22	3	30		29	1	35	51 4
Class - 4	course1	ENS491	2	-	2	ENS492	5	-	5	
	course2	EL/TE4XX	6	-	6	EL/TE4XX	6	-	6	
	course3	EL/TE4XX	6	-	6	Area Elective	6	-	6	
	course4	Free Elective	-	-	6	Free Elective	-	-	6	
	course5	Area Elective	6	-	6	Free Elective	-	-	6	
	course6		-	-	-		-	-	-	
	course7		-	-	-		-	-	-	
			20	-	26		17	-	29	37 -
TOTAL			58	30	114		62	30	125	120 60

EE TRACK2

EE TRACK2											
Semester-1					Semester-2					TOTAL	
ECTS					ECTS					ECTS	
Course Code	Engineering Credits	Basic Science Credits	Total		Course Code	Engineering Credits	Basic Science Credits	Total		Engineering Credits	Basic Science Credits
MAX ECTS											
Completed ECTS											
Class - 1	course1	MATH101	-	6	6	MATH102	-	6	6	2	24
	course2	NS101	-	6	6	NS102	-	6	6		
	course3	ENG101	-	-	3	ENG102	-	-	4		
	course4	HIST191	-	-	3	HIST192	-	-	3		
	course5	SPS101	-	-	6	SPS102	-	-	6		
	course6	TLL101	-	-	3	TLL102	-	-	3		
	course7		-	-	-	PROJ102	2	-	2		
			-	12	27		2	12	30		
Class - 2	course1	CS201	6	-	6	ENS201	4	2	6	30	32
	course2	ENS203	7	-	7	EL202	7	-	7		
	course3	ENS211	3	3	6	ENS206	3	3	6		
	course4	MATH201	-	6	6	MATH203	-	6	6		
	course5	SC1	-	6	6	SC1	-	6	6		
	course6		-	-	-		-	-	-		
	course7		-	-	-		-	-	-		
			16	15	31		14	17	31		
Class - 3	course1	CS303	6	1	7	EL308	7	-	7	49	6
	course2	TE301	5	1	6	TE302	5	1	6		
	course3	TE303	5	1	6	TE304	4	2	6		
	course4	SPS303	-	-	5	EL Pool2/Area Elective	6	-	6		
	course5	EL Pool1/Area Elective	6	-	6	HUM2XX	-	-	5		
	course6		-	-	-	PROJ302	5	-	5		
	course7		-	-	-		-	-	-		
			22	3	30		27	3	35		
Class - 4	course1	ENS491	2	-	2	ENS492	5	-	5	37	-
	course2	EL/TE4XX	6	-	6	EL/TE4XX	6	-	6		
	course3	EL/TE4XX	6	-	6	Area Elective	6	-	6		
	course4	Free Elective	-	-	6	Free Elective	-	-	6		
	course5	Area Elective	6	-	6	Free Elective	-	-	6		
	course6		-	-	-		-	-	-		
	course7		-	-	-		-	-	-		
			20	-	26		17	-	29		
TOTAL		58	30	114		60	32	125	118	62	

EE Track Pools				
Pool	Course Code	NEW ECTS	Engineering Credits	Basic Science Credits
EL Pool1	3. sınıf 1. dönem açılan EL dersleri (EL303,EL204)	6	4	2
EL Pool2	3. sınıf 2.dönem açılan EL dersleri (EL302,EL305, EL306, EL310)	6	6	0
TE Pool 1	3. sınıf 1. dönem açılan TE dersleri (TE 301, TE303)	6	5	1
TE Pool 2	3. sınıf 2.dönem açılan TE dersleri (TE302, TE304)	6	4	2
Sc1	MATH202,204,305,306,206 - CHEM - BIO - PHYS	6	0	6
EL/TE4XX	EL ve TE 4XX kodlu dersler(TE401, TE402, TE404, TE405, TE407, TE409, TE410, TE412, EL401, EL402, EL404, EL407, EL473)	6	6	0
Free Elective	Any course from FASS - SOM-FENS	6	0	0
Area Elective	CS300, CS409, CS204, CS401, PHYS303, PHYS302, PHYS304, ME303, MS303, EL3XX, EL4XX, TE3XX, TE4XX	6	6	0
FASS Pool	FASS ELECTIVE POOL	6	0	0
HUM2XX	HUM POOLS	5	0	0

Electronics Engineering Program Course Catalog

Subject	Number	Title	SU Credit	ECTS Credit	New code
EL	202	Electronic Circuits II	4	7	EE 202
TE	305	Electromagnetics II	3	6	EE 301
EL	302	Digital Integrated Circuits	3	6	EE 302
EL	303	Analog Integrated Circuits	3	6	EE 303
EL	306	Introduction to Radio Frequency and Microw	3	6	EE 306
EL	204	Semiconductor Physics and Devices	3	6	EE 307
EL	308	Microcomputer Based System Design	4	7	EE 308
EL	310	Hardware Description Languages	3	6	EE 310
TE	301	Introduction to Signal Processing and Inform	3	6	EE 311
TE	302	Discrete-Time Signals and Systems	3	6	EE 312
TE	303	Introduction to Communication Systems	3	6	EE 313
TE	304	Digital Communications	3	6	EE 314
EL	401	Very Large Scale Integrated System Design I	3	6	EE 401
EL	402	Very Large Scale Integrated System Design I	3	6	EE 402
EL	305	Optoelectronics	3	6	EE 403
EL	404	Introduction to Microelectromechanical Syste	3	6	EE 404
EL	405	Communication Circuit Design	3	6	EE 405
TE	402	Antennas and Propagation for Wireless Com	3	6	EE 406
EL	407	Microelectronic Fabrication	3	6	EE 407
EL	304	Modeling of Semiconductor Devices	3	6	EE 408
TE	401	Microwaves	3	6	EE 409
TE	410	Information and Coding Theory	3	6	EE 410
TE	412	Wireless Communications	3	6	EE 413
TE	404	Multimedia Communication	3	6	EE 414
TE	405	Digital Speech and Audio Processing	3	6	EE 415
TE	407	Computer Vision	3	6	EE 417
TE	409	Signal Processing Design and Implementatio	3	6	EE 419
EL	444	Optics	3	6	EE 444
EL	473	Biomedical Instrumentation	3	6	EE 473
EL	480	Special Topics in Microelectronics	3	6	EE 480
TE	480	Special Topics in Telecommunications	3	6	EE 482