	1	Engineering Do	buble Major Program for Department of Computer Engineering	1			1	1	
	Prerequisite	COURSE C.	COURSE NAME	Taken from	Mandatory or Elective	Т	Α	L	ECTS
~		CHE103	General Chemistry	Major	Mandatory	3	2	0	5
		CENG101	Algorithms and Programming I	Major	Mandatory	3	2	0	4
		MAT101	Calculus I	Major	Mandatory	3	2	0	7
1. YEAR FALL		EEE101	Introduction to Electrical and Electronics Engineering	Double Major	Mandatory	2	0	0	2
1. 7 F/		PHY101	Physics I	Major	Mandatory	3	0	2	7
		ENG110*	English I	Major	Mandatory	2	0	0	3
		ATA101*	Principles of Atatürk & Hist. of the Turkish Rev. I	Major	Mandatory	2	0	0	2
		TDE101*	Turkish Language I	Major	Mandatory	2	0	0	2
	1		TOTAL SEMESTER ECTS						32
		MAT102	Calculus II	Major	Mandatory	3	2	0	7
AR VG		CENG102	Algorithms and Programming II	Major	Mandatory	3	2	0	4
1. YEAR SPRING		OPR201	Probability and Statistics for Engineers	Major	Mandatory	3	0	0	5
1 S		PHY102	Physics II	Major	Mandatory	3	0	2	7
		ENG111*	English II	Major	Mandatory	2	0	0	3
		ATA102*	Principles of Atatürk & Hist. of the Turkish Rev. II	Major	Mandatory	2	0	0	2
		TDE102*	Turkish Language II	Major	Mandatory	2	0	0	2
	1	CENC207	TOTAL SEMESTER ECTS	Maiar	Mandatani	2	1	0	30
		CENG207	Circuits and Electronics	Major	Mandatory	3	0	0	5
R .		MAT203	Linear Algebra	Major	Mandatory	3	0	0	3 6
2. YEAR FALL		MAT205 IKC-SC-A	Differential Equations	Major	Mandatory Elective	4	U	U	3
2.		EEE201	University Elective Courses (E) Electromagnetic Theory	Major Double Major	Mandatory	3	0	0	6
		SPFD-3	Seçmeli Pedagojik Formasyon 3	Double Major	Elective	3	U	U	0
		3550-3	TOTAL SEMESTER ECTS		Liective				23
		CENG206	Logic Design	Major	Mandatory	3	0	2	6
		IKC-SC-B	University Elective Courses (E)	Major	Elective	3	U		3
		EEE200	Electronics I	Double Major	Mandatory	4	0	0	6
AR VG		EEE202	Circuit Theory II	Double Major	Mandatory	3	2	0	7
2. YEAR SPRING		EEE204	Electronics Laboratory	Double Major	Mandatory	0	2	0	3
SI SI		EEE208	Electromagnetic Waves	Double Major	Mandatory	3	0	0	6
		MAT210	Numerical Methods and Applications	Double Major	Mandatory	2	0	1	5
		SPFD-4	Seçmeli Pedagojik Formasyon 4	Double Major	Elective	<u> </u>			
	ı		TOTAL SEMESTER ECTS						36
		IKC-SC-C	University Elective Courses (E)	Major	Elective				3
		EEE300	Summer Practice	Double Major	Mandatory	0	2	0	1
		EEE301	Signals and Systems	Double Major	Mandatory	3	0	0	6
3. YEAR FALL		EEE305	Electronics II	Double Major	Mandatory	4	0	0	6
3. YE FA		EEE307	Analog Electronics Laboratory	Double Major	Mandatory	0	2	0	2
,		EEE309	Electromechanical Energy Conversion Principles I	Double Major	Mandatory	3	2	0	6
		EEE3XX	Department Third Year Technical Elective Course Group	Double Major	Elective				6
		SPFD-5	Seçmeli Pedagojik Formasyon 5		Elective				
			TOTAL SEMESTER ECTS						30
		IKC-SC-D	University Elective Courses (E)	Major	Elective				3
					2.000.00				7
		EEE302	Control Systems	Double Major	Mandatory	3	2	0	∟_′
EAR			Control Systems Power Systems	1		3	2	0	7
3. YEAR SPRING		EEE302		Double Major	Mandatory	-			1
3. YEAR SPRING		EEE302 EEE306	Power Systems	Double Major Double Major	Mandatory Mandatory	3	2	0	7
3. YEAR SPRING		EEE302 EEE306 EEE316	Power Systems Microprocessors	Double Major Double Major Double Major	Mandatory Mandatory Mandatory	3	2	0	7
3. YEAR SPRING		EEE302 EEE306 EEE316 EEE3XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group	Double Major Double Major Double Major	Mandatory Mandatory Mandatory Elective	3	2	0	7
3. YEAR SPRING		EEE302 EEE306 EEE316 EEE3XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6	Double Major Double Major Double Major	Mandatory Mandatory Mandatory Elective	3	2	0	7 7 6
3. YEAR SPRING		EEE302 EEE306 EEE316 EEE3XX SPFD-6	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS	Double Major Double Major Double Major Double Major	Mandatory Mandatory Mandatory Elective Elective	3 2	2 2	0	7 7 6 30
		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice	Double Major Double Major Double Major Double Major Double Major	Mandatory Mandatory Mandatory Elective Elective Mandatory	3 2 0	2 2 2 2 2 2	0 0	7 7 6 30 4 5 3
		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses	Double Major Double Major Double Major Double Major Double Major Double Major	Mandatory Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory	3 2 0 0	2 2 2 2	0 0 0 0 0	7 7 6 30 4 5 3 6
4. YEAR 3. YEAR FALL SPRING		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I	Double Major Double Major Double Major Double Major Double Major Double Major Double Major Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Mandatory	3 2 0 0	2 2 2 2	0 0 0 0 0	7 7 6 30 4 5 3
		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group	Double Major Double Major Double Major Double Major Double Major Double Major Double Major Major Major or Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective Elective	3 2 0 0	2 2 2 2	0 0 0 0 0	7 7 6 30 4 5 3 6
		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7	Double Major Double Major Double Major Double Major Double Major Double Major Major Major Major or Double Major Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective	3 2 0 0	2 2 2 2	0 0 0 0 0	7 7 6 30 4 5 3 6 6
		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX SPFD-7	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7 TOTAL SEMESTER ECTS	Double Major Double Major Double Major Double Major Double Major Double Major Major Major Major or Double Major Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective Elective	0 0 2	2 2 2 0	0 0 0 0	7 7 6 30 4 5 3 6 6 6
4. YEAR FALL		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX EEE1.4XX SPFD-7	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7	Double Major Double Major Double Major Double Major Double Major Double Major Major Major Major or Double Major Double Major Double Major Major Major Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective Elective	3 2 0 0	2 2 2 2 0	0 0 0 0 0 0 0 0 0	7 7 6 30 4 5 3 6 6 6 6
4. YEAR FALL		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX SPFD-7	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7 TOTAL SEMESTER ECTS	Double Major Double Major Double Major Double Major Double Major Double Major Major Major Major or Double Major Double Major Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective Elective Elective	0 0 2	2 2 2 0	0 0 0 0	7 7 6 30 4 5 3 6 6 6
4. YEAR FALL		EEE302 EEE306 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX EEE1.4XX SPFD-7	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7 TOTAL SEMESTER ECTS Occupational Health and Safety II	Double Major Double Major Double Major Double Major Double Major Double Major Major Major Major or Double Major Double Major Double Major Major Major Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective Elective Mandatory Mandatory Mandatory	0 0 2	2 2 2 2 0	0 0 0 0 0 0 0 0 0	7 7 6 30 4 5 3 6 6 6 6
4. YEAR FALL		EEE302 EEE306 EEE316 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX SPFD-7	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7 TOTAL SEMESTER ECTS Occupational Health and Safety II Graduation Project II	Double Major Double Major Double Major Double Major Double Major Double Major Major Major or Double Major Double Major Double Major Double Major Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective Elective Mandatory Mandatory Mandatory Mandatory	0 0 2	2 2 2 2 0	0 0 0 0 0 0 0 0 0	7 7 6 30 4 5 3 6 6 6 6 30 3
		EEE302 EEE306 EEE316 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX SPFD-7 ES412 EEE408 EEE1.4XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7 TOTAL SEMESTER ECTS Occupational Health and Safety II Graduation Project II Department Fourth Year Technical Elective Course Group	Double Major Double Major Double Major Double Major Double Major Double Major Major Major or Double Major Double Major Double Major Double Major Double Major Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective Elective Elective Mandatory Elective Elective Elective Elective Elective Elective	0 0 2	2 2 2 2 0	0 0 0 0 0 0 0 0 0	7 7 6 30 4 5 3 6 6 6 6 30 3 9
4. YEAR FALL		EEE302 EEE306 EEE316 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX SPFD-7 ES412 EEE408 EEE1.4XX EEE1.4XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7 TOTAL SEMESTER ECTS Occupational Health and Safety II Graduation Project II Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group	Double Major Double Major Double Major Double Major Double Major Double Major Major Major Major or Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective	0 0 2	2 2 2 2 0	0 0 0 0 0 0 0 0 0	7 7 6 30 4 5 3 6 6 6 30 3 9 6 6
4. YEAR FALL		EEE302 EEE306 EEE316 EEE316 EEE3XX SPFD-6 EEE400 EEE407 ES411 ENG4XX EEE1.4XX SPFD-7 ES412 EEE408 EEE1.4XX EEE1.4XX EEE1.4XX	Power Systems Microprocessors Department Third Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 6 TOTAL SEMESTER ECTS Summer Practice Graduation Project I Occupational Health and Safety I Interdisciplinary Technical Elective Courses Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Seçmeli Pedagojik Formasyon 7 TOTAL SEMESTER ECTS Occupational Health and Safety II Graduation Project II Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group Department Fourth Year Technical Elective Course Group	Double Major Double Major Double Major Double Major Double Major Double Major Major Major Major or Double Major	Mandatory Mandatory Elective Elective Mandatory Mandatory Mandatory Mandatory Elective	0 0 2	2 2 2 2 0	0 0 0 0 0 0 0 0 0	7 7 6 30 4 5 3 6 6 6 6 30 3 9 6