

DOUBLE MAJOR IN ELECTRICAL and ELECTRONIC ENGINEERING GENERAL

First Semester

Course Code	Course Name	C	L/P	C	ECTS
CHM101	General Chemistry	4	2	4	6
ECC 101	Computer Programming	3	2	3	5
ENG101	English I	0	0	3	4
MTH 101	Calculus I	4	0	4	6
PHY101	General Physics I	4	2	4	6
YİT101	Turkish for Foreign Students	0	0	0	1
AİT 101	Atatürk's Principles & Turkish Reform	0	0	0	1
TOTAL		15	6	18	28

Second Semester

Course Code	Course Name	C	L/P	C	ECTS
ENG102	English II	0	0	3	6
MTH102	Mathematics II	4	0	4	6
MTH 113	Linear Algebra	3	0	3	6
PHY102	General Physics II	4	2	4	6
TDE 102	Technical Drawing and Elect. App.	3	0	3	5
EE 100	Introduction to Electrical & Electronic Eng.	2	0	1	3
TOTAL		16	2	18	32

Third Semester

Course Code	Course Name	C	L/P	C	ECTS
ECC 216	Circuit Theory I	4	2	4	5
EE 210	Computer Applications	3	0	3	6
EE 241	Electrical Materials	3	0	3	4
ENG 201	English Communication Skills	3	0	3	6
MTH 201	Differential Equations	4	0	4	6
NTE	Non-technical Elective	3	0	3	6
TOTAL		20	2	20	33

Fourth Semester

Course Code	Course Name	C	L/P	C	ECTS
EE 202	Circuit Theory II	4	2	4	5
EE 216	Electromagnetic Theory	3	0	3	5
EE 220	Electrical Measurements	3	2	3	5
ECC 218	Electronics I	4	2	4	6
MTH 241	Complex Calculus	3	0	3	5
EE 200	Summer Training I	0	0	0	6
TOTAL		17	6	17	32

Fifth Semester

Course Code	Course Name	C	L/P	C	ECTS
ECC 001	Logic Circuit Design	3	2	3	6
EE 321	Electronics II	4	2	4	6
EE 331	Electromechanical Energy Conversion I	4	2	4	5
ECC 008	Signals and Systems	4	2	4	7
MTH 251	Probability and Random Variables	3	0	3	6
TOTAL		18	8	18	30

Sixth Semester

Course Code	Course Name	C	L/P	C	ECTS
ECC 302	Microprocessors	4	2	4	6
EE 324	Linear Control Systems	3	0	3	5
EE 346	Communication Systems	4	2	4	6
MTH 323	Numerical Analysis	3	0	3	6
EE 332	Electromechanical Energy Conversion II	3	2	3	5
EE 300	Summer Training II	0	0	0	6
TOTAL		17	6	17	34

Seventh Semester

Course Code	Course Name	C	L/P	C	ECTS
RNTE	Restricted Non-Technical Elective	3	-	3	4
EE 4xx	Technical Elective	3	-	3	6
EE 4xx	Technical Elective	3	-	3	6
EE 4xx	Technical Elective	3	-	3	6
EE 4xx	Technical Elective	3	-	3	6
EE 401	Engineering Design I	3	-	3	5
TOTAL		18	0	18	33

Eighth Semester

Course Code	Course Name	C	L/P	C	ECTS
EE 402	Engineering Design II	0	-	4	5
EE 4xx	Technical Elective	3	-	3	6
EE 4xx	Technical Elective	3	-	3	6
EE 4xx	Technical Elective	3	-	3	6
EE 4xx	Technical Elective	3	-	3	6
TOTAL		12	0	16	29

TOTAL	Contact Hs	Lab/Practice Hs	Credit	ECTS
	133	30	142	251

