

DOUBLE MAJOR IN ELECTRICAL ELECTRONIC ENGINEERING FOR BIOMEDICAL ENGINEERING STUDENTS

First Semester

Course Code	Course Name	C	L/P	C	ECTS
TOTAL					

Second Semester

Course Code	Course Name	C	L/P	C	ECTS
TDE 102	Tech. Drawing & Electrical App.	4	0	3	5
EE 100	Intr. to Elec.&Electronic Eng.	2	0	1	3
TOTAL		6	0	4	8

Third Semester

Course Code	Course Name	C	L/P	C	ECTS
EE 210	Computer Applications	4	1/0	3	6
EE 241	Electrical Materials	4	0	3	4
TOTAL		8	1	6	10

Fourth Semester

Course Code	Course Name	C	L/P	C	ECTS
EE 202	Circuit Theory II	3	2/0	4	5
EE 220	Electrical Measurements	4	2/0	3	3
MTH 241	Complex Calculus	4	0	3	5
TOTAL		11	4	10	13

Fifth Semester

Course Code	Course Name	C	L/P	C	ECTS
EE 331	Electromechanical Energy Conv I	3	2/0	4	5
TOTAL		3	2	4	5

Sixth Semester

Course Code	Course Name	C	L/P	C	ECTS
EE 324	Linear Control Systems	4	0	4	5
EE 346	Communication Systems	3	2/0	4	6
MAT 301	Numerical Analysis	4	0	3	6
EE 332	Electromechanical Energy Conv II	3	2/0	4	5
TOTAL		14	4	15	22

Seventh Semester

Course Code	Course Name	C	L/P	C	ECTS
TE	Technical Elective (Restricted to elective courses that is common to both departments or from EE)	3	0	3	6
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TE	Technical Elective (Restricted to elective courses that is common to both departments or from EE)	3	0	3	6
TOTAL		9	0	9	18

Eighth Semester

Course Code	Course Name	C	L/P	C	ECTS
TOTAL					

TOTAL	Contact Hs	Lab/Practice Hs	Credit	ECTS
	51	11	48	76