



NEAR EAST UNIVERSITY

**DEPARTMENT OF Electrical and  
Electronic Engineering**

***Course and Program Outcomes Matrix***

2021-2022

Program details and the individual grade/marks obtained:

1 ( 1<sup>st</sup> Semester)

2 ( 2<sup>nd</sup> Semester)

Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
CHEM 101	General Chemistry	4	6	Compulsory	E	MAT 112	Linear Algebra	3	6	Compulsory	BB
COM 131	Computer Programming	3	5	Compulsory	E	TDE 102	Tech. Drawing & Electrical App.	3	5	Compulsory	E
ENG 101	English I	3	4	Compulsory	E	ENG 102	English II	3	6	Compulsory	DC
MAT 101	Calculus I	4	6	Compulsory	E	MAT 102	Calculus II	4	6	Compulsory	E
PHY 101	General Physics I	4	6	Compulsory	E	PHY 102	General Physics II	4	6	Compulsory	E
TUR 100	Turkish For Foreign students	-	1	Compulsory	S	EE 100	Introduction to Electrical Engineering	1	3	Compulsory	E
		18	28					18	32		

3 ( 3<sup>rd</sup> Semester)

4 ( 4<sup>th</sup> Semester)

Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
EE 201	Circuit Theory I	4	5	Compulsory	E	EE 202	Circuit Theory II	4	5	Compulsory	E
EE 210	Computer Applications	3	6	Compulsory	BA	EE 216	Electromagnetic Theory	3	5	Compulsory	E
EE 241	Electrical Materials	3	4	Compulsory	CC	EE 220	Electrical Measurements	3	5	Compulsory	E
ENG 210	English Communication Skills	3	6	Compulsory	DC	EE 222	Electronics I	4	6	Compulsory	E
MAT 201	Differential Equations	4	6	Compulsory	E	MAT 241	Complex Calculus	3	5	Compulsory	DC
FRE 101	French Language	3	6	Elective	AA	EE 200	Summer Training I	-	2	Compulsory	S
		17	33					20	28		

5 ( 5<sup>th</sup> Semester)

6 ( 6<sup>th</sup> Semester)

Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
EE 315	Logic Circuit Design	3	6	Compulsory	E	EE 302	Microprocessors	4	6	Compulsory	E
EE 321	Electronics II	4	6	Compulsory	E	EE 324	Linear Control Systems	3	5	Compulsory	E
EE 331	Electromechanical Energy Conv I	4	5	Compulsory	BA	EE 346	Communication Systems	4	6	Compulsory	E
EE 341	Signals And Systems	4	7	Compulsory	E	MAT 301	Numerical Analysis	3	6	Compulsory	E
MAT 350	Probability And Random Variables	3	6	Compulsory	E	EE 332	Electromechanical Energy Conv II	3	5	Compulsory	AA
						EE 300	Summer Training II	-	2	Compulsory	S
		18	30					17	30		

7 ( 7<sup>th</sup> Semester)

8 ( 8<sup>th</sup> Semester)

Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade

EE 420	Neural Networks	3	6	Elective	CC	EE 400	Graduation Project	4	10	Compulsory	AA
ECON 431	Engineering Economy	3	4	Compulsory	E	EE 471	Power Systems Analysis I	3	6	Elective	CC
EE 475	High Voltage Techniques I	3	6	Elective	CB	EE 461	Digital Signal Processing	3	6	Elective	E
EE 427	Information Theory And Coding Theory	3	6	Elective	CB	EE 469	Electromag. Wave Propag & Antennas	3	6	Elective	E
EE 437	Cryptography And Coding Theory	3	6	Elective	BB	EE 463	Image Processing	3	6	Elective	BA
		15	28					16	34		

**TOTAL CREDITS 139 - TOTAL ECTS 243**