



NEAR EAST UNIVERSITY

**DEPARTMENT OF Mechatronics
Engineering**

Course and Program Outcomes Matrix

2021-2022

Program details and the individual grade/marks obtained:

1 (1 st Semester)						2 (2 nd Semester)					
Course Code	Course Name	CR	ECT S	Status	Grade	Course Code	Course Name	CR	ECT S	Status	Grade
CHM 101	General Chemistry	4	6	Compulsory		ENG 102	English II	3	5	Compulsory	
ECC 101	Intr. to Computer Programming	3	5	Compulsory		MTH 102	Calculus II	4	6	Compulsory	
ENG 101	English I	3	5	Compulsory		MTH 113	Linear Algebra	3	5	Compulsory	
MTH 101	Calculus I	4	5	Compulsory		PHY 102	General Physics II	4	6	Compulsory	
PHY 101	General Physics I	4	5	Compulsory		MCT102	Mechatronics Workshop Practice	3	5	Compulsory	
AIT 101	Atatürk ilkeleri ve İnkılap Tarihi I	2	2	Compulsory		MCT 100	Intr. To Mechatronics Eng.	1	3	Compulsory	
CHM 101	General Chemistry	2	2	Compulsory		ENG 102	English II	3	5	Compulsory	
TUR 101	Türk Dili I	2	2	Compulsory							
YIT 101	Turkish for Foreign Students I	2	2	Compulsory							
AIT 103	Ataturk's Princip.& Turkish Reform I	0	2	Compulsory							
CHC 100	Cyprus Histroy and Culture	0	2	Elective							
CAM 100	Campus Orientation	4	6	Compulsory							
		22	34					18	30		
3 (3 rd Semester)						4 (4 th Semester)					
Course Code	Course Name	CR	ECT S	Status	Grade	Course Code	Course Name	CR	ECT S	Status	Grade
ECC 216	Circuit Theory I	4	6	Compulsory		ECC 224	Strength of Materials I	3	5	Compulsory	
ECC 211	Engineering Materials	3	5	Compulsory		ECC212	Dynamics	3	5	Compulsory	
ECC 206	Statics	4	6	Compulsory		ECC 222	Manufacturing Technology	3	5	Compulsory	
MTH 201	Diferential Equations	4	6	Compulsory		ECC 218	Electronics I	3	6	Compulsory	
ECC 207	Thermodynamics	4	6	Compulsory		ECC 013	Engineering Drawing II	3	6	Compulsory	
ECC 103	Engineering Drawing I	3	5	Compulsory		MCT 200	Summer Training I	0	1	Compulsory	
		22	34					18	30		
5 (5 th Semester)						6 (6 th Semester)					
Course Code	Course Name	CR	ECT S	Status	Grade	Course Code	Course Name	CR	ECT S	Status	Grade
ECC 001	Logic Circuit Design	4	6	Compulsory		ECC 301	Microprocessors	4	6	Compulsory	
MCT 301	Mechatronics Components &	3	5	Compulsory		ECC 310	Control Systems	3	5	Compulsory	

	Instrumentation										
ECC 008	Signals and Systems	4	6	Compulsory		MCT 311	Machine Elements	4	6	Compulsory	
MCT 310	Computer Applications for Mechatronics Eng.	3	5	Compulsory		MTH 251	Probability and Random Variables	3	5	Compulsory	
ENG 201	English Communication Skills	3	5	Compulsory		RE	Restricted Elective	3	5	R. Elective	
NTE	Non Technical Elective	3	5	Compulsory		MCT 300	Summer Training II	0	2	Compulsory	
CAR 100	Career Planning	0	2	Compulsory							
		20	34					17	29		

7

(7th Semester)

8

(8th Semester)

Course Code	Course Name	CR	ECT S	Status	Grade	Course Code	Course Name	CR	ECT S	Status	Grade
MCT 435	Mechatronics	3	5	Compulsory		MCT 411	Capstone Team Project	4	6	Compulsory	
ECC 429	Engineering Ethics	3	5	Compulsory		ECC 437	Robotic Systems	3	5	Compulsory	
TE	Technical Elective	3	5	T. Elective		TE	Technical Elective	3	5	T. Elective	
TE	Technical Elective	3	5	T. Elective		TE	Technical Elective	3	5	T. Elective	
TE	Technical Elective	3	5	T. Elective		AİT 104	Turkish for Foreign Students II	2	2	Compulsory	
MCT 410	Introduction to Capstone Design	4	6	Compulsory		YİT 102	Ataturk's Princip.& Turkish Reform II	2	2	Compulsory	
						AİT 102	Ataturk ilkeleri ve İnkılap Tarihi II	2	2	Compulsory	
						TUR 102	Türk Dili II	2	2	Compulsory	
		19	31					17	25		

TOTAL LOCAL CREDITS: 148 - ECTS:240 CGPA: