Course and Program Outcomes Matrix

Course Code	Course Name	Program Outcomes												
		1	2	3	4	5	6	7	8	9	10	11	12	13
1st Year - 1st Semester FALL														
CHM 101	General Chemistry	5	0	1	1	1	3	2	3	2	1	1	0	3
ECC 101	Computer Programming	1	5	1	4	1	2	1	4	1	1	1	5	5
ENG 101	English I	1	1	1	1	1	2	5	3	3	1	1	0	0
MTH 101	Calculus I	5	0	0	0	0	2	0	2	3	0	0	0	0
PHY 101	General Physics I	5	1	2	3	3	2	0	3	2	1	0	0	3
TUR 101	Turkish Language I	1	1	1	1	2	3	5	4	3	2	1	0	0
AİT 101	Atatürk's Principles and Turkish Reform I	1	1	1	1	1	2	2	4	3	1	1	0	0
YİT 101	Turkish For Foreign Students I	1	1	1	1	2	3	5	4	3	2	1	0	0
AİT 103	Atatürk's Principles and Turkish Reform I	1	1	1	1	1	2	2	4	3	1	1	0	0
CHC 100	Cyprus Culture and History	*	*	*	*	*	*	*	*	*	*	*	*	*
CAM 100	Campus Integration	*	*	*	*	*	*	*	*	*	*	*	*	*
1st Year - 2nd Semester SPRING														
ENG 102	English II	1	1	1	1	1	2	5	3	3	1	1	0	0
MTH 102	Calculus II	5	0	0	0	0	2	0	2	3	0	0	1	3
MTH 113	Linear Algebra	5	0	1	3	0	0	0	2	1	0	0	0	0
PHY 102	General Physics I	5	1	2	3	3	2	0	3	2	1	0	0	3
MCT 102	Mechatronics Workshop Practice	2	5	2	5	4	5	3	2	5	4	4	5	5
MCT 100	Introduction To Mechatronics Engineering	2	5	3	5	5	2	5	5	3	5	1	5	5
2nd Year - 1st Semester FALL														
ECC 216	Circuit Theory I	5	4	3	4	5	4	3	5	4	2	1	5	5
ECC 206	Statics	5	5	1	3	1	2	1	2	2	1	2	2	2
ECC 211	Engineering Materials	5	0	1	1	1	3	2	3	2	1	1	0	3
MTH 201	Differential Equations	5	5	2	1	2	4	1	1	1	1	1	1	5
ECC 207	Thermodynamics	*	*	*	*	*	*	*	*	*	*	*	*	*
ECC 103	Engineering Drawing I	5	4	3	4	5	4	3	5	3	2	1	5	5
2nd Year - 2nd Semester SPRING														
ECC 013	Engineering Drawing II	5	4	3	4	5	4	3	5	3	2	1	5	5

Code	Course													
ECC 212	Dynamics	5	5	3	4	3	3	2	4	2	1	1	5	5
ECC 213	Strength of Materials I	5	5	4	4	5	4	2	3	3	2	2	5	5
ECC 218	Electronics I	5	5	5	5	5	4	3	5	2	2	2	5	5
ECC 209	Manufacturing Technology	5	5	2	1	2	4	1	1	1	1	1	3	3
MCT 200	Summer Training, I	5	5	4	5	4	5	5	4	4	5	4	5	5
3rd Year - 1st Semester FALL														
EEE 315	Logic Circuit Design	5	5	5	3	3	3	3	4	3	3	3	5	5
MCT 301	Mechatronics Components & Instrumentation	5	5	3	5	5	4	5	5	1	2	2	5	5
ECC 008	Signals and Systems	5	5	3	3	5	3	3	4	2	1	1	5	5
MCT 310	Computer Applications for Mechatronics Engineering	5	5	5	5	5	4	4	3	4	2	2	5	5
ENG 201	English Communication Skills	2	2	1	3	1	2	5	5	1	1	1	0	0
NTE	Non-Technical Elective	4	3	1	1	2	3	3	3	3	1	1	1	5
CAR 100	Career Planning	*	*	*	*	*	*	*	*	*	*	*	*	*
3rd Year - 2nd Semester SPRING														
ECC 301	Microprocessors	5	5	5	5	5	5	5	2	2	2	2	3	3
ECC 310	Control Systems	5	5	5	5	5	5	5	3	1	2	1	3	3
RE	Restricted Elective	5	5	3	5	4	2	2	3	2	1	2	3	3
MTH 251	Probability and Random variables	5	5	1	3	1	2	1	2	2	1	2	2	2
MCT 311	Machine Elements	5	5	3	5	5	4	5	5	1	2	2	2	2
MCT 300	Summer Training II	5	5	4	5	4	5	5	4	4	5	4	5	5
4th Year - 1st Semester FALL														
MCT 435	Mechatronics	5	5	4	5	4	5	5	4	4	5	4	5	5
ECC 429	Engineering Ethics	5	5	4	5	4	5	5	4	4	5	4	5	5
TE	Technical Elective	*	*	*	*	*	*	*	*	*	*	*	*	*
TE	Technical Elective	*	*	*	*	*	*	*	*	*	*	*	*	*
TE	Technical Elective	*	*	*	*	*	*	*	*	*	*	*	*	*
MCT 410	Introduction to Capstone Design	5	5	5	5	5	5	4	5	4	4	3	5	5
4th Year - 2nd Semester SPRING														
MCT 411	Capstone Team Project	5	5	5	5	5	5	4	5	4	4	3	5	5
ECC 437	Robotic Systems	5	5	5	5	5	5	5	3	1	2	1	3	3
ECC	Robotics Systems	*	*	*	*	*	*	*	*	*	*	*	*	*

Code	Course													
TE	Technical Elective	*	*	*	*	*	*	*	*	*	*	*	*	*
TE	Technical Elective	*	*	*	*	*	*	*	*	*	*	*	*	*
AİT 104	Atatürk's Principles and Turkish Reform II	1	1	1	1	1	2	2	4	3	1	1	0	0
YİT 102	Turkish For Foreign Students I	1	1	1	1	2	3	5	4	3	2	1	0	0
AİT 102	Atatürk's Principles and Turkish Reform II	1	1	1	1	1	2	2	4	3	1	1	0	0
TUR 102	Turkish Language II	1	1	1	1	2	3	5	4	3	2	1	0	0
Technical (Field-Related) Elective Courses														
MCT 420	Principles of Photovoltaics, Fuel Cells, and Batteries	5	5	5	5	3	2	1	3	2	4	2	2	2
MCT 421	Principles of Sensors and Condition Monitoring for Machinery	5	5	3	4	3	3	2	4	2	1	1	5	5
ECC 434	Quality Control	5	5	5	5	5	5	4	3	2	2	2	2	2
ECC 483	Reverse Engineering Methods	5	5	3	3	5	3	3	4	2	1	1	5	5
ECC 481	Sheet Metal Processes and Molding Design	5	5	5	5	5	5	5	2	1	2	2	2	2
ECC 411	Digital Signal Processing	5	5	5	5	5	4	4	4	2	2	2	2	2
EEE 463	Machine Learning in Computer Vision	5	5	5	5	5	2	1	2	1	1	2	2	2
EEE 494	Introduction to Computer Vision	5	5	5	5	5	2	1	2	1	1	2	2	2
EEE 420	Intelligent Control Systems	5	5	4	5	5	4	2	1	1	1	2	2	2
EEE 424	Process Control Instrumentation Technology	5	5	5	5	5	5	5	3	1	2	1	3	3
EEE 451	Digital Electronics	5	5	5	5	5	5	4	3	2	2	2	2	2
EEE 454	Digital Control Systems	5	5	5	5	5	5	5	3	1	2	1	3	3
EEE 470	Programmable Logic Controllers	5	5	5	5	5	5	5	2	1	1	1	3	3

Non-Technical (Non-Field Related) Electives														
ECC 426	Economics for Engineers	0	0	0	0	0	3	0	4	3	5	0	0	0
ECC 427	Management for Engineers	0	0	0	0	0	3	0	4	3	5	0	0	0

* 1 Lowest, 2 Low, 3 Average, 4 High, 5 Highest