

Course Code (Old)	Course Name	T+H+L	CREDIT	ECTS	Course Code (New)	Course Name	T+H+L	CREDIT	ECTS
MBG203	Modern Basic Sciences and Applications I	3+0+2	4	5	CHEM101	General Chemistry I	3+0+0	3	5
CH101	Chemistry	3+0+2	4	6	CHEM101	General Chemistry I	3+0+0	3	5
KHAS1002	Scientific Discoveries and Engineering	3+0+0	3	5	CMPE107	Technical Writing and Presentation	2+0+0	2	3
CMPE140	Computer Programming	2+2+0	3	6	CMPE140*1	Computer Programming I	2+2+0	3	6
EEE206	Programming	2+0+2	3	4	CMPE140*1	Computer Programming I	2+2+0	3	6
CE140	Computer Programming I	2+0+2	3	5	CMPE140*1	Computer Programming I	2+2+0	3	6
EE205*2	Digital Design	4+0+0	4	8	CMPE243	Logic Circuit Design	2+2+0	3	5
MTE192	Robotics Start-Up Project	2+2+0	3	6	EEE104	Introduction to Electrical-Electronics Engineering	1+0+2	2	3
EEE203	Circuit Analysis I	3+0+2	4	5	EEE203*1	Circuit Analysis I	3+0+2	4	6
EE201*3	Circuit Theory I	4+0+0	4	7	EEE203*1	Circuit Analysis I	3+0+2	4	6
EEE204	Circuit Analysis II	3+0+2	4	5	EEE204*1	Circuit Analysis II	3+0+2	4	6
EE222*2	Circuit Theory II	3+0+0	3	6	EEE204*1	Circuit Analysis II	3+0+2	4	6
EEE208*1	Electronics Design Project	1+0+4	3	7	EEE208*2	Electronics Design Project	1+0+4	3	6
EE204*3	Circuits Laboratory	0+0+4	2	4	EEE208*2	Electronics Design Project	1+0+4	3	6
EEE302	Communications I	3+0+2	4	5	EEE302*1	Communications I	3+0+2	4	6
EE376*2	Communication Systems	3+0+2	4	5	EEE302*1	Communications I	3+0+2	4	6
EEE303	Electronics I	3+0+2	4	5	EEE303*1	Electronics I	3+0+2	4	7
EE234	Electronic Circuit Components	3+0+0	3	6	EEE303*1	Electronics I	3+0+2	4	7
EEE304	Electronics II	3+0+2	4	5	EEE304*1	Electronics II	3+0+2	4	6
EE331*2	Electronic Circuits	3+0+0	3	6	EEE304*1	Electronics II	3+0+2	4	6
EEE305	Microcontrollers	2+0+2	3	5	EEE305*1	Microcontrollers	2+0+2	3	6
EE342*2	Microprocessors	2+0+2	3	5	EEE305*1	Microcontrollers	2+0+2	3	6
EE361*3	Electromagnetic Field Theory	4+0+0	4	7	EEE306	Electromagnetics	3+0+0	3	5
EEE307	Signals and Systems	2+0+2	3	5	EEE307*1	Signals and Systems	2+0+2	3	6
EE371*2	Signals and Systems	3+0+0	3	6	EEE307*1	Signals and Systems	2+0+2	3	6
EEE308	Control Systems Project	1+0+4	3	8	EEE308*1	Control Systems Project	1+0+4	3	6
EE352*3	Control Systems	3+0+0	3	5	EEE308*1	Control Systems Project	1+0+4	3	6
EEE309	Software-Hardware Integration Project	1+0+4	3	8	EEE309*1	Software-Hardware Integration Project	1+0+4	3	6
EE333	Electronic Circuits Laboratory I	0+0+2	1	3	EEE309*1	Software-Hardware Integration Project	1+0+4	3	6
EE374	Digital Signal Processing	3+0+0	3	5	EEE432	Power Electronics	3+0+0	3	8
FENS201	Applied Engineering Mathematics I	3+2+0	4	6	FENS101	Engineering Mathematics I	4+0+0	4	6
MA102*2	Calculus II	3+2+0	4	7	FENS101	Engineering Mathematics I	4+0+0	4	6
FENS202	Applied Engineering Mathematics II	3+2+0	4	6	FENS102	Engineering Mathematics II	4+0+0	4	6
MA201*2	Differential Equations	3+0+0	3	6	FENS102	Engineering Mathematics II	4+0+0	4	6
KHAS101	Origins and Consequences	3+0+0	3	5	FENS103	Complexity in Natural Sciences	3+0+0	3	5
PH121	Physics I	3+0+0	3	5	FENS103	Complexity in Natural Sciences	3+0+0	3	5
KHAS1120	Thinking Mathematically	3+0+0	3	6	FENS105	Linear Algebra	3+0+0	3	4
MA101*2	Calculus I	3+2+0	4	7	FENS105	Linear Algebra	3+0+0	3	4
KHAS107	Design	3+0+0	3	5	FENS111	Physics I	3+0+2	4	6
CMPE246	Applied Engineering Physics	4+0+2	5	5	FENS112	Physics II	3+0+2	4	6
EEE102*2	Fundamentals of Electrical-Electronics Engineering	3+0+2	4	5	FENS112	Physics II	3+0+2	4	6
PH122	Physics II	3+0+0	3	5	FENS112	Physics II	3+0+2	4	6
EEE102*1	Fundamentals of Electrical-Electronics Engineering	2+0+2	3	5	FENS112	Physics II	3+0+2	4	6
GE204	Probability and Statistics for Engineers	3+0+0	3	5	FENS200*1	Probability and Statistics	3+2+0	4	4
FENS200	Probability and Statistics	2+2+0	3	4	FENS200*1	Probability and Statistics	3+2+0	4	4
CH201	Materials Science	2+0+0	2	3	FENS203	Materials	3+0+0	3	4
MA208*2	Calculus III	3+0+0	3	6	FENS300	Numerical Methods	2+2+0	3	5
EC309*3	Economics for Engineers	3+0+0	3	4	FENS310	Economics for Engineers	3+0+0	3	4
GE401*1	Engineering Problem Solving and Project Management	2+0+0	2	6	FENS401	Engineering Design Project I	1+2+0	2	6
GE400*2	Engineering Design Project	0+8+0	4	10	FENS402	Engineering Design Project II	0+8+0	4	10
EE332	Electronic Circuits Laboratory II	0+0+2	1	3	FENS410	Entrepreneurship	2+0+0	2	3
EEE406	Innovation and Entrepreneurship	2+0+0	2	3	FENS410	Entrepreneurship	2+0+0	2	3
AT101*1	Principles of Atatürk and History of Turkish Republic I	2+0+0	2	1	HST101	History of Modern Turkey I	2+0+0	2	2
AT102*3	Principles of Atatürk and History of Turkish Republic II	2+0+0	2	1	HST102	History of Modern Turkey II	2+0+0	2	2
GE103*2	Engineering Guide and Ethics	3+0+0	3	5	KHAS105	Universal Values and Ethics	3+0+0	3	5
MA103	Linear Algebra	3+0+0	3	6	KHAS109	Computational Thinking	3+0+0	3	5
MTE293*1	Logic Design	3+0+2	4	8	MTE293*2	Logic Design	2+0+2	3	6
TD101	Turkish Language I	2+0+0	2	1	TLL101	Critical Reading and Writing in Turkish I	2+0+0	2	3
TD102	Turkish Language II	2+0+0	2	1	TLL102	Critical Reading and Writing in Turkish II	2+0+0	2	3