

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
CMPE140	Computer Programming	2+2+0	3	6	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
CME140	Computer Programming I	2+0+2	3	6	CMPE140*1	Computer Programming I	2+2+0	3	6
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
MA211	Engineering Mathematics I	3+2+0	4	6	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
MA212	Engineering Mathematics II	3+2+0	4	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
PH122	Physics II	3+0+0	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
CH201	Materials Science	2+0+0	2	3	FENS203	Materials	3+0+0	3	4
MA304	Numerical Methods	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
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
INE102	Principles of Industrial Engineering	3+0+0	3	6	INE102*1	Principles of Industrial Engineering	3+0+0	3	7
IE102	Principles of Industrial Engineering	3+0+0	3	5	INE102*1	Principles of Industrial Engineering	3+0+0	3	7
IE205	Computer Aided Technical Drawing	3+0+0	3	5	INE205	Computer-Aided Technical Drawing	3+0+0	3	5
IE214	Programming Tools for Industrial Engineering	3+0+0	3	5	INE214	Programming Tools for Industrial Engineering	3+0+0	3	5
IE216	Engineering Economics	3+0+0	3	4	INE216	Engineering Economics	3+0+0	3	4
IE222*2	Ergonomics and Human Factors Engineering	3+0+0	3	5	INE222	Ergonomics and Human Factors Engineering	3+0+0	3	5
IE241*2	Manufacturing Processes	3+0+0	3	5	INE241*1	Manufacturing Processes and Materials	3+0+0	3	6
INE241	Manufacturing Processes	3+0+0	3	5	INE241*1	Manufacturing Processes and Materials	3+0+0	3	6
IE311	Operations Research I	3+0+0	3	6	INE311	Operations Research I	3+0+0	3	6
IE312	Operations Research II	3+0+0	3	6	INE312	Operations Research II	3+0+0	3	6
IE313	Statistical Decision Making	3+0+0	3	6	INE313	Statistical Decision Making	3+0+0	3	6
IE324	Data Analytics in Industrial Systems	3+0+0	3	3	INE324*1	Data Analytics in Industrial Systems	3+0+0	3	5
INE324	Data Analytics in Industrial Systems	3+0+0	3	3	INE324*1	Data Analytics in Industrial Systems	3+0+0	3	5
IE332	Systems Simulation	3+0+0	3	6	INE332	Systems Simulation	3+0+0	3	6
IE342	Materials Management	3+0+0	3	6	INE342	Materials Management	3+0+0	3	6
IE401	Production Planning and Control	3+0+0	3	8	INE401	Production Planning and Control	3+0+0	3	8
IE412*2	Statistical Quality Control	3+0+0	3	6	INE412	Statistical Quality Control	3+0+0	3	6
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
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