

Course Code (Old)	Course Name	T+H+L	CREDIT	ECTS	Course Code (New)	Course Name	T+H+L	CREDIT	ECTS
CE140	Computer Programming I	2+0+2	3	5	CMPE140*2	Computer Programming I	3+0+2	4	6
CME140	Computer Programming I	2+0+2	3	6	CMPE140*2	Computer Programming I	3+0+2	4	6
CMPE140	Computer Programming	2+2+0	3	6	CMPE140*2	Computer Programming I	3+0+2	4	6
CMPE140*1	Computer Programming I	2+2+0	3	6	CMPE140*2	Computer Programming I	3+0+2	4	6
CE201	Discrete Computational Structures	3+0+0	3	5	CMPE201	Discrete Computational Structures	3+0+0	3	6
CME201	Discrete Computational Structures	3+0+0	3	6	CMPE201	Discrete Computational Structures	3+0+0	3	6
CE241*5	Computer Programming II	2+0+2	3	6	CMPE241*2	Computer Programming II	3+0+2	4	6
CME241	Computer Programming II	2+0+2	3	5	CMPE241*2	Computer Programming II	3+0+2	4	6
CMPE241	Programming Project	2+0+2	3	6	CMPE241*2	Computer Programming II	3+0+2	4	6
CMPE241*1	Computer Programming II	2+0+2	3	6	CMPE241*2	Computer Programming II	3+0+2	4	6
CE242*4	Data Structures and Algorithms	3+0+2	4	6	CMPE242	Data Structures and Algorithms	3+0+2	4	6
CME242	Data Structures and Algorithms	3+0+2	4	6	CMPE242	Data Structures and Algorithms	3+0+2	4	6
CMPE243	Logic Circuit Design	2+2+0	3	5	CMPE243*1	Logic Circuit Design	3+0+2	4	5
EE205*2	Digital Design	4+0+0	4	8	CMPE243*1	Logic Circuit Design	3+0+2	4	5
CE244	Computer Organization and Architecture	3+0+0	3	6	CMPE244*2	Computer Organization and Architecture	3+2+0	4	6
CME244	Computer Organization and Architecture	3+0+0	3	6	CMPE244*2	Computer Organization and Architecture	3+2+0	4	6
CMPE244	Computer Architecture Project	2+2+0	3	6	CMPE244*2	Computer Organization and Architecture	3+2+0	4	6
CMPE244*1	Computer Organization and Architecture	2+2+0	3	6	CMPE244*2	Computer Organization and Architecture	3+2+0	4	6
CE261*2	Fundamentals of Electronics	3+0+0	3	5	CMPE263*1	Fundamentals of Electronic Circuits	3+0+2	4	5
CME263	Fundamentals of Electronic Circuits	3+0+2	4	6	CMPE263*1	Fundamentals of Electronic Circuits	3+0+2	4	5
CME304	Graph Theory	3+0+0	3	6	CMPE304*1	Graph Theory	3+0+0	3	6
CMPE304	Graph Theory	3+0+0	3	5	CMPE304*1	Graph Theory	3+0+0	3	6
CE341*1	Operating Systems	2+0+2	3	5	CMPE341*2	Operating Systems	3+0+2	4	5
CME341	Operating Systems	2+0+2	3	6	CMPE341*2	Operating Systems	3+0+2	4	5
CMPE341	Operating Systems	2+0+2	3	6	CMPE341*2	Operating Systems	3+0+2	4	5
CMPE341*1	Operating Systems	2+0+2	3	5	CMPE341*2	Operating Systems	3+0+2	4	5
CE343*2	Object Oriented Programming Languages	3+0+0	3	6	CMPE343*2	Object Oriented Programming Languages	3+2+0	4	5
CME343	Object Oriented Programming Languages	3+0+0	3	6	CMPE343*2	Object Oriented Programming Languages	3+2+0	4	5
CMPE343	Object Oriented Programming Languages	2+2+0	3	6	CMPE343*2	Object Oriented Programming Languages	3+2+0	4	5
CMPE343*1	Object Oriented Programming Languages	2+2+0	3	5	CMPE343*2	Object Oriented Programming Languages	3+2+0	4	5
CE344*3	Database Management Systems	2+0+2	3	6	CMPE344*2	Database Systems	3+0+2	4	5
CMPE344	Database Systems	2+2+0	3	6	CMPE344*2	Database Systems	3+0+2	4	5
CMPE344*1	Database Systems	2+2+0	3	5	CMPE344*2	Database Systems	3+0+2	4	5
CE348*3	Formal Languages and Automata Theory	3+0+0	3	5	CMPE348*1	Formal Languages and Automata Theory	3+0+0	3	5
CMPE348	Formal Languages and Automata Theory	3+0+0	3	6	CMPE348*1	Formal Languages and Automata Theory	3+0+0	3	5
CE351*3	Computer Networks	3+0+2	4	6	CMPE351*1	Computer Networks	3+0+2	4	5
CMPE351	Computer Network	3+0+2	4	6	CMPE351*1	Computer Networks	3+0+2	4	5
CE356*2	Software Engineering	3+0+0	3	5	CMPE356*2	Software Engineering Project	3+0+0	3	5
CME356	Software Engineering	3+0+0	3	6	CMPE356*2	Software Engineering Project	3+0+0	3	5
CMPE356	Software Engineering Project	2+2+0	3	6	CMPE356*2	Software Engineering Project	3+0+0	3	5
CMPE356*1	Software Engineering Project	2+2+0	3	5	CMPE356*2	Software Engineering Project	3+0+0	3	5
CE352*2	Network Engineering I	3+0+2	4	6	CMPE451*1	Network Engineering I	3+0+2	4	6
CME451	Network Engineering I	3+0+2	4	5	CMPE451*1	Network Engineering I	3+0+2	4	6
EE342*2	Microprocessors	2+0+2	3	5	EE305*1	Microcontrollers	2+0+2	3	6
EE305	Microcontrollers	2+0+2	3	5	EE305*1	Microcontrollers	2+0+2	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
CE236*1	Electrical and Logic Circuits Laboratory	0+0+2	1	4	FENS112	Physics II	3+0+2	4	6
CMPE246	Applied Engineering Physics	4+0+2	5	5	FENS112	Physics II	3+0+2	4	6
EE102*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
FENS200	Probability and Statistics	2+2+0	3	4	FENS200*2	Probability and Statistics	3+0+0	3	4
FENS200*1	Probability and Statistics	3+2+0	4	4	FENS200*2	Probability and Statistics	3+0+0	3	4
GE204	Probability and Statistics for Engineers	3+0+0	3	5	FENS200*2	Probability and Statistics	3+0+0	3	4
FENS300	Numerical Methods	2+2+0	3	5	FENS300*1	Numerical Methods	3+0+0	3	5
MA302	Numerical Methods	3+0+0	3	5	FENS300*1	Numerical Methods	3+0+0	3	5
MA304	Numerical Methods	3+0+0	3	6	FENS300*1	Numerical Methods	3+0+0	3	5
EC309*3	Economics for Engineers	3+0+0	3	4	FENS310	Economics for Engineers	3+0+0	3	4
FENS401	Engineering Design Project I	1+2+0	2	6	FENS401*1	Engineering Design Project I	3+0+0	3	6
GE401*1	Engineering Problem Solving and Project Management	2+0+0	2	6	FENS401*1	Engineering Design Project I	3+0+0	3	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
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
BIO105	Introduction to Modern Biology	4+0+0	4	6	MBG106	Biology I	3+0+0	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