

Course Code (Old)	Course Name	T+I+L	CREDIT	ECTS	Course Code (New)	Course Name	T+I+L	CREDIT	ECTS
KHAS1002	Scientific Discoveries and Engineering	3+0+0	3	5	CMPE107	Technical Writing and Presentation	2+0+0	2	3
EEE307	Signals and Systems	2+0+2	3	5	EEE307*2	Signals and Systems	3+0+0	3	6
EEE307*1	Signals and Systems	2+0+2	3	6	EEE307*2	Signals and Systems	3+0+0	3	6
EEE309	Software-Hardware Integration Project	1+0+4	3	8	EEE309*2	Software-Hardware Integration Project	3+0+0	3	6
EEE309*1	Software-Hardware Integration Project	1+0+4	3	6	EEE309*2	Software-Hardware Integration Project	3+0+0	3	6
FENS201	Applied 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
KHAS101	Origins and Consequences	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
CIV102	Equilibrium of Physical Systems	2+4+0	4	6	FENS111	Physics I	3+0+2	4	6
KHAS107	Design	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
FENS300	Numerical Methods	2+2+0	3	5	FENS300*1	Numerical Methods	3+0+0	3	5
FENS401	Engineering Design Project I	1+2+0	2	6	FENS401*1	Engineering Design Project I	3+0+0	3	6
MTE192	Robotics Start-Up Project	2+2+0	3	6	MTE102	Introduction to Mechatronics Engineering	3+0+0	3	4
CIV263	Dynamics of Physical Systems	3+0+0	3	4	MTE201*1	Engineering Mechanics	3+0+0	3	5
MTE201	Engineering Mechanics	2+2+0	3	5	MTE201*1	Engineering Mechanics	3+0+0	3	5
MTE211	Technical Drawing	2+0+2	3	4	MTE211*2	Technical Drawing	3+0+2	4	5
MTE211*1	Technical Drawing	2+0+2	3	5	MTE211*2	Technical Drawing	3+0+2	4	5
MTE291	Computer Game Design Project	3+2+0	4	6	MTE291*2	Computer Game Design Project	3+0+2	4	5
MTE291*1	Computer Game Design Project	3+2+0	4	5	MTE291*2	Computer Game Design Project	3+0+2	4	5
MTE293*1	Logic Design	3+0+2	4	8	MTE293*3	Logic Design	3+0+2	4	6
MTE293*2	Logic Design	2+0+2	3	6	MTE293*3	Logic Design	3+0+2	4	6
MTE294*1	Mechanical System Simulation Project	5+4+0	7	11	MTE294*3	Mechanical System Simulation Project	4+0+2	5	8
MTE294*2	Mechanical System Simulation Project	4+2+0	5	8	MTE294*3	Mechanical System Simulation Project	4+0+2	5	8
MTE312	Machine Elements	3+0+0	3	5	MTE312*1	Machine Elements	3+0+0	3	6
MTE394	System Dynamics and Control Project	4+2+0	5	8	MTE394*1	System Dynamics and Control Project	4+0+2	5	8
MTE403	Mechatronics System Design Project	3+2+0	3	8	MTE403*1	Mechatronics System Design Project	3+0+2	4	8
MTE491	Robot Design Project	4+2+0	5	8	MTE491*1	Robot Design Project	4+0+2	5	8