

June 29, 2017		MECE COURSES Prerequisite List 2017 v.1.1		Updated June 29, 2017
Prerequisite Course Codes		Course Code Course Name		Follower Course Codes
Semester 1	None	MATH157	Extended Calculus I	MATH158
	None	PHYS101	General Physics I	ME211
	None	CEAC105	General Chemistry	None
	None	MECE101	Fundamentals of Engineering	None
	None	HIST221	History of Civilization	None
	None	ENG101	English Communication Skills I	ENG102
	None	HIST111	Princ. of Atatürk & Hist. of Turk. Rev. I	HIST112
Semester 2	MATH157	MATH158	Extended Calculus II	MATH276
	None	PHYS102	General Physics II	EE234
	None	CMPE102	Computer Programming	MECE228
	None	MECE102	Fundamentals of Mechatronics Engineering	None
	None	MFGE108	Computer Aided Solid Modelling	MECE206
	ENG101	ENG102	English	ENG201
	HIST111	HIST112	Princ. of Atatürk & Hist. of Turk. Rev. II	None
Semester 3	None	MATH275	Linear Algebra	MATH380
	PHYS101	ME211	Statics and Strength of Materials	MECE204, ME316
	PHYS102	EE234	Introduction to Electrical Engineering	EE236
	None	EE203	Digital Circuits and Systems	MECE228
	CI	GE1	General Elective	None
	ENG102	ENG201	Advanced Communications Skills	ENG202
	Semester 4	MATH158	MATH276	Differential Equations
MFGE108		MECE206	Product Development	MECE399
ME211 or ME201		MECE204	Dynamics	MECE303
CMPE102, EE203		MECE228	Microcontrollers	MECE309
EE234		EE236	Electronic Circuits	MECE309
ENG201		ENG202	Presentations Skills	ENG301
Semester 5		MATH275	MATH380	Numerical Methods
	MECE204	MECE303	Theory of Machines	MECE401
	MECE228, EE236	MECE309	Mechatronic Components	MECE332
	MATH276	EE303	Signals and Systems	None
	None	IE220	Probability and Statistics	None
	ENG202	ENG301	English for Career Development I	ENG302
	MECE206	MECE399	Summer Practice I	MECE499
Semester 6	MECE309	MECE332	Mechatronic Instrumentation	MECE401, MECE408
	MATH276	MECE306	Control Systems	MECE405, MECE401
	ME211	ME316	Machine Elements	None
	CI	AE1	Area Elective (Group A)	None
	ENG301	ENG 302	English for Career Development II	None
	CI	GE2	General Elective	NT Elective
	Semester 7	MECE306, MECE332, MECE303	MECE401	Mechatronic Design
MECE306		MECE405	Modern Control Engineering	None
CI		AE2	Area Elective (Group A)	None
CI		AE3	Area Elective (Group B)	None
CI		AE4	Area Elective (Group C)	None
None		TURK401	Turkish Language I	TURK402
MECE399		MECE499	Summer Practice II	None
Semester 8	MECE332	MECE408	Undergraduate Research Projects	None
	None	MECE432	Mechatronics Engineering Seminars	None
	MECE401	MECE422	Multi-disciplinary Engineering Design	None
	CI	AE5	Area Elective (Group B)	None
	CI	AE6	Area Elective (Group C)	None
	CI	GE3	General Elective (Group Entrepreneurship)	None
	TURK401	TURK402	Turkish Language II	None

This prerequisite list is valid for MECE students.