

Course Number		Course Title	Prerequisites Courses designated with a * must be completed with a "C" or better	Co-requisites
EL	1405	Fundamentals of Eng. Leadership and Graphics	none	MATH 1411 or MATH 1508 or MATH 1310
EL	1302	Intro to Eng. Design & Leadership	MATH 1411* & Departmental Approval	None
EL	2301	Modeling and Simulation	EL 1302* and MATH 1411* and CS 1320* (CS requires CS 1301)	None
EL	3003	Professional Practice I	Departmental Approval	None
EL	3005	Professional Practice II	EL 3003 & Departmental Approval	None
EL	3302	Engineering Measurements	EL 2301* and MATH 1312*	None
EL	3331	Engineering Design: People to Products	EL 3302* and PHYS 2421*	None
EL	3332	Engineering Entrepreneurship: Products to People	EL 3331*	None
EL	3373 <sup>a</sup>	Engineering Probability Stat. Models	MATH 2313* OR MATH 2326*	None
EL	4395	Capstone Design I: Definition & Exploration	MATH 2326* and EL 3332* and PHYS 2421	None
EL	4396	Capstone Design II: Development and Evaluation	EL 4395* and CE 2326*	None
CE	2326	Economics for Engineering and Scientists	None	None
MME	2303	Intro to Material Science & Engineering	CHEM 1305*	None
MME	2434	Mechanics of Materials	MATH 1411*	None
CE	2338 <sup>b</sup>	Mechanics II (Dynamics )	See Advisor for Prerequisite Waiver for CE 2315 AND MATH 1312 *	None
CE	2377c	Electro Mechanical Systems	MATH 1312*	None
MECH	2311 <sup>d</sup>	Intro to Thermo Fluid Science	MATH 1312* OR MATH 2313* OR MATH 2326* ( may be substituted for MECH 2311)	None

Last Update 03-10-2020

a -- IE 3373 or EE 3384 may be substituted.

b --MECH 2340 may be substituted.

c --IE 2377 or MECH 2342 may be substituted.

d -- CE 2375 may be substituted.