

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	MATH 1411+	None
EL	1302	Intro to Eng. Design & Leadership (Design Nature)	MATH 1411*	None
EL	2301	Modeling and Simulation	EL 1302* and MATH 1312*	None
EL	3003	Professional Practice I	Department Approval	None
EL	3005	Professional Practice II	Department Approval	None
EL	3302	Engineering Measurements	EL 2301* & MATH 1312*	None
EL	3331	Engineering Design: People to Products	EL 3302* and PHYS 2321*+2121* and MATH 2313 <b>OR</b> Departmental Approval	None
EL	3304	Engineering Entrepreneurship: Products to People	EL 3331* , PHYS 2321*+2121* & MATH 2326	None
EL	3373	Engineering Probability & Stat. Models	MATH 2313*	None
EL	4395	Capstone Design I: Definition & Exploration	MATH 2326* , EL3304 & PHY 2321*+2121*	None
EL	4396	Capstone Design II: Development & Evaluation	EL 4395*	None
CE	2326	Economics for Engineers and Scientists	Restrictions: SO, JR or SR.	None
MME	2303	Intro to Material Science & Engineering	CHEM 1305*	None
MME	2424	Mechanics of Materials	MATH 1411*	None
CE	2338	Dynamics	CE 2315* and MATH 1312* (CE 2315 prerequisite can be satisfied by passing MME 2434*)	None
CE	2377	Electro Mechanical Systems	MATH 1312* (CE 2377 may be substituted for MECH 2342)	None
MECH	2311	Intro to Thermal-Fluid Science	MATH 1312* or MATH 2313 or MATH 2326	None