

Course		Course Title	Prerequisites courses designated with an * must be completed with a "C" or better	Corequisite
Subject	Number			
CE	2326*	Economy for Engineers and Scientists	none	none
MECH	1305*	Graphics and Design Fundamentals	none	none
MECH	2131*	Manufacturing Engineering Lab	MECH 1305*	none
MECH 2331 or MME 2303*		Materials & Manufacturing Processes or Introduction to Materials Science & Engr.	CHEM 1305*	none
CE 2315* or MECH 1321*		Statics or Mechanics I-Statics	MATH 1411* & PHYS 2420*	none
IE 2377* or MECH 2342*		Electro-Mechanical Systems	MATH 1312*	none
IE	1333	Computational Methods	none	none
IE	2333	Decision Support Systems	IE 1333*	none
IE	3331 ^a	Systems Engineering	IE 3373* or BE 3373*	none
IE	3334	Introduction to Work Design	IE 3373* AND (CE 2315* or MECH 1321*)	none
IE	3352 ^a	Design of Experiments	IE 3373*	none
IE	3373*	Engineering Probability & Statistical Models	(MATH 2313* or MATH 2326*) AND IE 2333	none
IE	3390 ^a	Operations Research I: Deterministic Models	MATH 3323*	none
IE	4333 ^a	Sup Chain Mgmt I: System Model	IE 4492*	none
IE	4334	Work Design: Productivity & Safety	IE 3373* AND (CE 2315* or MECH 1321*)	none
IE	4353 ^a	Industrial Systems Simulation	IE 3373* or BE 3373*	none
IE	4371 ^a	Engineering Problems	none	none
IE	4385 ^a	Statistical Quality Control and Reliability	IE 3373* or BE 3373*	none
IE	4390 ^a	Operations Research II: Stochastic Models	IE 3373* or BE 3373*	none
IE	4391 ^a	Production Planning & Inventory Control Systems	IE 3373* or BE 3373*	none
IE	4395*	Special Topics in Industrial Engineering	Junior or senior standing	none
IE	4396*	International Manufacturing Internship I	None	none
IE	4266*	Senior Design	IE 3331* AND CE 2326*	none
a -- Availability of this course may be limited, please contact your advisor				
				Last Update 03-23-2021