

SUBJECT				
	Course Number	Course Title	Prerequisites courses designated with a * must be completed with a "C" or better	Co-requisites
CE	1301*	Civil Engineering Fundamentals	none	MATH 1411
CE	1313*	Engineering Measurements	MATH 1508*	none
CE	2315*	Statics	MATH 1411* & (CE 1301* or PHYS 2420*)	none
CE	2326*	Economics for Engineers and Scientists	none	none
CE	2334*	Mechanics of Materials	CE 2315*	none
CE	2335 <sup>a</sup>	Geological Engineering	none	none
CE	2338*	Mechanics II-Dynamics	CE 2315* & MATH 1312*	none
CE	2343*	Structural Analysis	CE 2334*	none
CE	2373 <sup>a</sup>	Engineering Probability and Statistics	MATH 2313*	none
CE	2375*	Introduction to Fluid Mechanics	CE 2334*	none
CE	2385	Environmental Engineering Fundamentals	CHEM 1305* & CE 2375*	none
CE	3334	Construction Management	none *Restricted to Juniors and Seniors	none
CE	3336	Civil Engineering Materials	CE 2334*	CE 2335
CE	3342	Water & Waste Water Engineering	CE 2375*	none
CE	3345	Design of Concrete Structures	CE 2343	none
CE	3348	Geotechnical Engineering	CE 3336	none
CE	3361	Design of Steel Structures	CE 2343*	none
CE	3456	Hydrology and Hydraulic Engineering	CE 2375* or MECH 2311*	none
CE	4339	Geostructural Design	CE 3348	none
CE	4340	Transportation Engineering	CE 1313 & (CE 2373 or IE 3373)	none
CE	4188	Senior Design I	none	none
CE	4288	Senior Design II	Senior standing in CE	none
CE	4195	Junior Professional Orientation	Senior standing in CE	none
CE	4375	Advanced Topics in Civil Engineering I	Junior or Senior Standing	none
CE	4376	Advanced Topics in Civil Engineering II	Senior standing in CE	none
CE	4382	Cost Analysis and Bidding	none	none
CE	4385	Construction Internship	none	none
CE	4386	Construction Law & Ethics	none	none
CE	4387	Construction Scheduling	none	none
CE	4389	Construction Safety	none	none