

Subject	Course Number	Course Title	Prerequisites designated with a + might be taken concurrently. Courses designated with a * must be completed with a C or better	Co-requisites	Restrictions				Semester		
					FR	SO	JR	SR	Fall	Spring	Summer
CE	1301*	Civil Engineering Fundamentals	none	MATH 1411	✓	✓	✓	✓	✓	✓	
CE	1313*	Engineering Measurements	MATH 1508* OR MATH 1310*	none	✓	✓	✓	✓	✓	✓	
CE	2315*	Statics	MATH 1411* AND CE 1301* AND (PHYS 2320* OR PHYS 2420*)	none	✓	✓	✓	✓	✓	✓	✓
CE	2326*	Economics for Engineers and Scientists	none	none	X	✓	✓	✓	✓	✓	✓
CE	2334*	Mechanics of Materials	CE 2315*	none	✓	✓	✓	✓	✓	✓	✓
CE	2335 <sup>a</sup>	Geotechnical Engineering	none	none	✓	✓	✓	✓			
CE	2338*	Mechanics II-Dynamics	CE 2315* AND MATH 1312*	none	X	✓	✓	✓	✓	✓	
CE	2343*	Structural Analysis	CE 2334*	none	✓	✓	✓	✓	✓	✓	✓
CE	2373 <sup>b</sup>	Engineering Probability and Statistical Model	MATH 2313*	none	✓	✓	✓	✓			
CE	2375*	Introduction to Fluid Mechanics	CE 2315*	none	X	✓	✓	✓	✓	✓	✓
CE	2385*	Environmental Engineering Fundamentals	CE 2375* AND CHEM 1305*	none	✓	✓	✓	✓	✓	✓	
CE	3334	Construction Management	none	none	X	X	✓	✓	✓	✓	
CE	3336	Civil Engineering Materials	CE 2334*	none	X	X	✓	✓	✓	✓	
CE	3342	Water & Waste Water Engineering	CE 2375*	none	✓	✓	✓	✓	✓	✓	
CE	3345	Design of Concrete Structures	CE 2343	none	X	X	✓	✓	✓		✓
CE	3348	Geotechnical Engineering	CE 3336	CE 2335	✓	✓	✓	✓	✓	✓	
CE	3361	Design of Steel Structures	CE 2343*	none	✓	✓	✓	✓		✓	✓
CE	3456	Hydrology and Hydraulic Engineering	CE 2375* OR MECH 2311*	none	X	X	✓	✓	✓	✓	
CE	4195	Jr. Professional Orientation	none	none	X	X	✓	✓	✓	✓	
CE	4339	Geostructural Design	CE 3348	none	✓	✓	✓	✓	✓	✓	
CE	4340	Transportation Engineering	CE 1313 AND CE 2373 OR IE 3373	none	X	X	✓	✓	✓	✓	
CE	4381	Senior Construction Project	CE 3334 AND CE 3336 AND CE 3348 AND CE 4158 AND CE 4358 AND CE 4382 AND CE 4387 AND CE 4389								
CE	4375	Advanced Topics in Civil Engineering I	none	none	X	X	✓	✓	✓	✓	✓
CE	4376	Advanced Topics in Civil Engineering II	none	none	X	X	X	✓	✓	✓	✓
CE	4377	Advanced Topics in Civil Engineering III	none	none	X	X	X	✓	✓	✓	✓
<i>a -- GEOL 3321, Geology for Engineers, may be substituted.</i>											
<i>b -- IE 3373, Engr. Probability &amp; Stat. Models, may be substituted.</i>											
										Last Update 05-05-2022	