

Department of Civil and Environmental Engineering  
North Dakota State University  
CE Course Prerequisite List

Course No.	Prerequisites	Corequisites
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**Required CE Courses**

Courses required for the Construction Engineering Degree are noted in gold

Technical Electives recommended for the Construction Engineering Degree are noted in green

CE 111	None	
CE 204	Math 105 or 107	
CE 212	Sophmore Standing in CE Curriculum	
CE 303	ME 223, 221, Math 165	
CE 303L	ME 223, 221, Math 165	**CE 303
CE 309	ME 222, 221, Math 166, 165	
CE 310	CE 309, ME 222, 221, Math 166, 165	
CE 316	ME 223, 222, 221, Math 259 (265) 166, 165, *Math 266, *Math 128(129)	*Math 266,*Math 128(129)
CE 343	ME 223, 221 Math 165	
CE 370	CE 309, ME 222, 221, Math 166, 165, Chem 122, 121	
CE 371	CE 309, ME 222, 221, Math 166, 165, Chem 122, 121	**CE370
CE 404	CE 343, ME 223, 221, Math 165	
CE 408	CE 309, ME 222, 221, Math 166, 165	
CE 418	CE 204, ME 221, Math 259 (265), 166, 165	
CE 444	CE 343, ME 223, 221, Math 165	
CE 483	Senior Standing in CE curriculum	
CE 489	Senior Standing in CE curriculum	

**Technical Electives**

\* Highlighted indicates recommended tech electives for the Construction Engineering Degree

CE 410	CE 370, CE 309, ME 222, 221, Math 166, 165, Chem 122,121	
CE 411	CE 404,CE 343, ME 223, 221, Math 165	
CE 417	CE 316, ME 223, 222, 221 Math 266, 259 (265), 166,165	
CE 419	CE 303, ME 223, 221 Math 165,	
CE 421	CE 309, ME 222, 221, Math 166, 165	
CE 425	CE 404,CE 343, ME 223, 221, Math 165	
CE 430	ME 223, 221, Math 165	
CE 441	Math 266, 259 (265), 166, 165	
CE 446	CE 343, ME 223, 221, Math 165	
CE 447	CE 343, ME 223, 221, Math 165	
CE 454	CE 418, CE 204, ME 221, Math 259 (265), 166, 165,	
CE 455	CE 418, CE 204, ME 221, Math 259 (265), 166, 165,	
CE 456	CE 418, CE 204, ME 221, Math 259 (265), 166, 165,	
CE 457	CE 303, ME 223, 221 Math 165,	
CE 458	CE 303, ME 223, 221 Math 165,	
CE 461	CE 316, ME 223, 222, 221 Math 266, 259 (265), 166, 165, 128(129)	
CE 462	CE 316, ME 223, 222, 221 Math 266, 259 (265), 166, 165, 128(129)	
CE 463	CE 316, ME 223, 222, 221 Math 266, 259 (265), 166, 165, 128(129)	
CE 464	CE 316, ME 223, 222, 221 Math 266, 259 (265), 166, 165, 128(129)	
CE 471	CE 370, CE 309, ME 222, 221, Math 166, 165, Chem 122,121	
CE 472	CE 370, CE 309, ME 222, 221, Math 166, 165, Chem 122,121	
CE 476	CE 408, CE 309, ME 222, 221, Math 166, 165	
CE 477	CE 408, CE 309, ME 222, 221, Math 166, 165	
CE 478	CE 370, CE 309, ME 222, 221, Math 166, 165, Chem 122, 121	
CE 479	CE 410, 370, CE 309, ME 222, 221, Math 166, 165, Chem 122, 121	
CE 486	Senior Standing in CE curriculum	
CE 494	Individual Study - Senior Standing in CE curriculumn (Introduction to Intelligence Infrastructure)	
CE 494	Individual Study - CE 418, CE 204, ME 221, Math 259(265),166,165 (Oil & Gas Pipeline Design)	
CE 494	Individual Study - CE 343, ME 223, ME 221, Math 165 (Tunnel & Underground Structures)	
CE 494	Individual Study - CE 370 CE Students Non CE Stdts (permission from instructor) (Engineering Research Methods)	
CE 499	Special Topics CE 370 & CE 408 (Environmental Engineering Design)	
CE 499	Special Topics CE 370, CE309, ME 222, 221, Math 166, 165, Chem 122, 121 (Groundwater Remediation)	
CE 770	CE 370, CE 309, ME 222, 221, Math 166, 165, Chem 122, 121	
CE 775	Junior Standing	
CE 776	CE 408, CE 309, ME 222, 221, Math 166,165	
CE 779	CE 408, CE 370,CE 309, ME 222, ME 221, Math 166, Math 165, Chem 122, Chem 121	
CE 780	CE 418, CE 204, ME 221, Math 259 (265) 166,165	
CE 781	CE 418, CE 204, ME 221, Math 259 (265),166,165	

\*\* Can take as a prereq, but if not, it must be taken as a coreq