

BS Civil Engineering (CEEN)

Course	Course Title	Pre-Requisite (Course #)	Co-Requisite (Course #)	Rotation (odd/even/every year(s))		
				Fall	Spring	Summer
ENGR 1201	Introduction to Engineering	MATH 1314		Every	Every	
ENGR 1312	Engineering Graphics	MATH 1314		Every	Every	
ENGR 2325	Statics	PHYS 2425, MATH 2414	MATH 2414	Every	Every	Every
ENGR 2326	Dynamics	ENGR 2325		Every	Every	Every
ENGR 3315	Fluid Mechanics	ENGR 2326, MATH 2415, MATH 3315	MATH 3315	Every	Every	Every
ENGR 3316	Thermodynamics	PHYS 2425, MATH 2414		Every	Every	Every
ENGR 3320	Strength of Materials	ENGR 2325, ENGR 3322		Every	Every	Every
ENGR 3322	Materials Science	CHEM 1411, PHYS 2425		Every	Every	Every
ENGR 4240	Project Management	CEEN 3320, CEEN 4304		Every	Every	
ENGR 4370	Capstone Project	ENGR 4240		Every	Every	
ENGR 4420	Engineering Lab Measurements	PHYS 2426, (MATH 3342 or MATH 3345)		Every	Every	
CEEN 2315	Geomatics and Surveying Engineering	(MATH 1316 or MATH 2413)		Every		

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CEEN 3320	Geotechnical Engineering I	ENGR 3315, ENGR 3320		Every		
CEEN 3321	Structural Analysis	ENGR 3320		Every	Every	
CEEN 4304	Construction Materials Design	ENGR 3320		Every		
CEEN 4306	Transportation Engineering	CEEN 2315			Every	
CEEN 4312	Hydraulics and Hydrology	ENGR 3315			Every	
CEEN 4323	Structural Steel Design	CEEN 3321, CEEN 4304			Every	
CEEN 4325	Reinforced Concrete Design	CEEN 3321, CEEN 4304		Every		