

Cours	Title	Cr	CEE Program Reqmts	Prereq	AU07	WI08	SP08	SU08
100	21st Cent CEE	1	Gen elec cr only			WI08		
220	Intro to Mechanics of Materials	4			AU07	WI08	SP08	SU08
250	Environmental Pollution	5	I & S (?) -check			WI08		
306	Constr Engr I	3			AU07			
316	Surveying Engr	4			AU07			
320	Transp Engr I	3			AU07		SP08	
342	Fluid Mechanics	4			AU07	WI08		
345	Hydraulic Engr	4		CEE 342		WI08	SP08	
350	Envir Engr I	4					SP08	
363	Constr Materials	4			AU07		SP08	
366	Basic Soil Mechanics	4		CEE 220		WI08	SP08	
379	Elem Structures I	3			AU07	WI08		
380	Elem Structures II	4		CEE		WI08	SP08	
390	CEE Systems Sys	3				WI08		
391	Graphics Comm & Computer-Aide	3				WI08	SP08	
392	Basic Civil Engr Computing (MatLa	1			AU07			
404	Infrastructure Constr	4	Construction Core	CEE 306		WI08		
405	Constr Planning & Scheduling	3						
406	Constr Engineering	3		CEE 306				
407	Contracts & Specifications	3		CEE 306				
410	Traffic Engr Fundamentals	3	Transportation Core	CEE 320		WI08		
412	Trans Data Mgmt	3	Transportation Core			WI08		
416	Urb Trans Plannng Design	3	Transportation Core	CEE 320	AU07			
418	Computer-Aided Planning of Urban	3						
421	Pavement Design	3	Construction Core		AU07			
422	Construction Materials II	4		CEE 363				
423	Heritage of Civil Engr	3 or 4	Gen elec cr only				SP08	
424	GIS for Civil Engrs	3		CEE 316	AU07			
425	Reinforced Concrete Constr	3	Construction Core				SP08	
428	Lightweight Cementitious Compos	2			AU07			
431	Seismology & Earthquake Engr	3		Either MATH 136 or both MATH 307 & 308			SP08	
436	Foundation Design	3	Geotechnical Core		AU07			
437	Engineering Geology	3	Geotechnical Core (proposed)		AU07			
440	Prof'l Practice Studio	2			AU07			
441	Transp & Constr Capstone	4	Capstone	CEE 320; 440 may be concurrent			SP08	
442	Structural Geotech Capstone Desi	4	Capstone	CEE 440; two courses from CEE 436, 451-454, or 457			SP08	
444	Water Res & Hydr Capstone Engr	4	Capstone	CEE 440				
445	Envir Engr Capstone Design Proje	4	Capstone	CEE 345, CEE 440, and either CEE 482 or 483			SP08	

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451	Design of Metal Structures	3	Structural core	CEE 380	AU07			
452	Design Reinf Concrete Structures	3	Structural core	CEE 380	AU07	WI08		
453	Prestressed Concrete Design	3	Structural core	<i>CEE 380 and 452 (new / requested)</i>		WI08		
454	Design Timber Structures	3	Structural core			WI08		
455	Struc Unit Masonry	3	Structural core	CEE 380			SP08	
457	Advanced Struc I	3	Structural core	CEE 380	AU07			
458	Advanced Structures II	3		CEE 379			SP08	
459	Adv Structural Mechanics	3		CEE 379			SP08	
461	Biol Problems in Water Pollutions	3 or 5						
462	Applied Limnology & Pollutant Effe	3 or 5			AU07			
464	Subsurface Contaminant Transport	3		CEE 342				
472	Intro to Hydraulics in Water Resou	3		CEE 342 and 345				
473	Coastal Engineering I	3		CEE 342				
474	Hydraulics of Sediment Transp	3	Water Core	CEE 345		WI08		
475	Analysis Techniques for Groundwa	3		CEE 342	AU07			
476	Physical Hydrology	3	Water Core		AU07			
477	Open-Channel Engr	3	Water Core	CEE 345			SP08	
480	Air-Quality Modeling	3						
481	Hydraulic Design for Env'l Engr	3	Environmental Core	CEE 345 and 350		WI08		
482	Wastewater Treatmt & Reuse	3	Environmental Core	CEE 350	AU07			
483	Drinking Water Treatmnt	3	Environmental Core	CEE 350		WI08		
484	Decentralized and On-Site Wastev	3						
485	Env Engineering Chemistry	3						
486	Envir Analysis Lab	3						
487	Solid-Waste Disposal	3						
488	Hazardous Wastes Engr	3		CEE 351				
489	Water and Air Qality Sampling	2		CEE 462				
490	Air-Pollution Control	4	Environmental Core		AU07			
491	Deterministic Systems	3		CEE 390				
492	Stochastic Systems	3		CEE 491				
493	Air Pollution Source Testing & Equ	3					SP08	
494	Air Pollution Control Equip Design	3				WI08		
495	Sustainability & Design for Environ	3						
498	Special Topic: Water Center (Steir	1			AU07	WI08	SP08	
498	Special Topic: Limnology (Brett)	2			AU07			
498	Special Topic: Transportation Logi	3					SP08	
498	Special Topic: Remediation (Stran	3					SP08	
498	Special Topic:	3						
499	Special Projects	1-5, max 5						