

Number	Course Description	Outcome 1							Outcome 2							Outcome 3				Outcome 4						Outcome 5				Total Course							
		1.1a	1.1b	1.2a	1.3a	1.3b	1.3c	1.3d	1.4a	2.1a	2.1b	2.2a	2.2b	2.3a	2.3b	2.4a	2.4b	2.4c	3.1a	3.1b	3.2a	3.2b	4.1a	4.1b	4.1c	4.1d	4.1e	4.2a	4.2b		4.2c	5.1a	5.1b	5.1c	5.2a		
CEE 101	Engineering Graphics																X																		1		
CEE 140 R	Introduction to Civil Engineering																	X		X	X	X	X	X	X			X	X	X	X	X	X	X	12		
CEE 204 R	Introduction to Environmental Engineering	X		X				X					X							X	X	X						X	X	X					5		
CEE 241	Statics	X		X	X																														3		
CEE 362	Transportation Engineering	X													X	X				X	X						X	X	X					10			
CEE 364R	Engineering Hydrology						X						X																						2		
CEE 371R	Mathematical Methods in Civil Engineering	X	X																	X	X														4		
CEE 372	Strength of Materials	X				X																													2		
CEE 377	Construction Materials							X								X		X	X	X	X						X	X	X						9		
CEE 381	Structural Analysis I	X								X																										2	
CEE 388	Engineering Economy																X																			1	
CEE 389	Probability and Statistics for Civil Engineers																			X																1	
CEE 390R	Fundamentals of Environmental Engineering	X						X					X								X															3	
CEE 404	Open Channel Flow	X	X				X						X																							4	
CEE 413	Water Resources Engineering I	X	X				X	X	X				X					X	X	X	X						X	X	X	X						14	
CEE 417	Environmental Quality Analysis			X					X										X									X								4	
CEE 418	Principles of Water Quality Modeling	X	X	X				X											X																	5	
CEE 420	Advanced Portland Cement Concrete																										X	X	X							6	
CEE 427	Capstone Design Project													X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	16		
CEE 431	Pavement Design															X					X						X	X	X	X	X					7	
CEE 442	Fundamentals of Geotechnical Engineering				X				X				X	X				X	X	X	X						X	X	X							11	
CEE 443	Geotechnical Engineering: Foundations	X											X	X						X							X	X	X							8	
CEE 445	Geotechnical Engineering: Retaining Structures												X	X							X						X	X	X			X				2	
CEE 446	Geosynthetics	X		X		X	X		X				X	X	X			X			X	X	X				X	X	X	X	X					17	
CEE 453	Environmental Microbiology			X																							X	X	X	X	X					1	
CEE 456	Design of Water Treatment Facilities	X						X					X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	15	
CEE 457	Design of Wastewater Treatment Facilities						X	X					X								X					X	X	X	X	X	X	X	X	X	X	13	
CEE 458	Fundamentals of Environmental Chemistry			X																X																2	
CEE 459R	Hazardous and Solid Waste Management and Control	X		X			X	X					X																								5
CEE 460	Construction Engineering																																				0
CEE 463	Traffic Engineering	X							X						X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	14	
CEE 469	Geometric Design of Transportation Systems	X						X									X			X	X	X	X	X	X			X	X	X						12	
CEE 479	Earthquake Engineering (also GE 479)	X	X	X									X							X	X							X	X	X	X	X					11
CEE 480	Concrete Structure Design																																				1
CEE 481	Structural Steel Design								X	X														X	X	X	X	X	X	X	X			X			11
CEE 482	Design of Timber Structures									X														X	X	X	X		X	X	X						8
CEE 483	Prestressed Concrete Design									X																											1
CEE 484	Bridge Engineering I								X	X														X	X	X		X	X	X							8
CEE 486	Structural Analysis II								X												X							X		X							4
CEE 487	Reinforced Concrete Design II									X																											1
CEE 488	Advanced Structural Steel Design								X	X														X	X	X		X	X	X							8