PREREQUISITES: students must earn a C- or better in any course taken that is a prerequisite for a follow-on CEE course.					COURSE	COURSE NAME	COURSE IS PREREQUISITE FOR OTHER COURSES AS LISTED					
Disclaimer: Information is believed to be accurate regarding courses that are not CEE Designated. This information is provided to aid in your academic planning It is the students' responsibility to verify pre-requisites.												
				none	**Chem 1035**	**General Chemistry**	CEE 3104	CEE 3684				
				(Co-req: Chem 1035)	**Chem 1045**	**General Chemistry Lab**	CEE 3104	CEE 3684				
				none	**Engl 1105**	**First-Year Writing**	Engl 1106					
			(Co-req: Math 1225)	none	**ENGE 1215**	**Foundations of Engineering**	ENGE 1216					
				Math 1226	**Math 2114**	**Linear Algebra**	Math 2214					
				none	**Math 1225**	**Calculus of a Single Variable**	Math 1226	Phys 2305				
				Math 1225	**Phys 2305**	**Foundations of Physics I**	CEE 3104	Phys 2305				
				ENGE 1215 (C-)	**ENGE 1216**	**Foundations of Engineering**	CEE 2814					
				Engl 1105	**Engl 1106**	**First-Year Writing**	Engl 3764					
				Math 1225 (C-)	**Math 1226**	**Calculus of a Single Variable**	Math 2204	Math 2214	CEE 2814	CEE 3104	ESM 2104	
			Math 1226	Phys 2305	**Phys 2306**	**Foundation of Physics I**						
				Math 1226	**Math 2204**	**Intro to Multi-Variable Calculus**	ESM 2204					
Math 1226	(Co-req: Math 2204; must complete prior to ESM 2204)				**ESM 2104**	**Statics**	ESM 2204	CEE 3304				
				none	**GEOS 2104**	**Elements of Geology**	CEE 3514	CEE 3684				
				none	**CEE 2824**	**Civil Engr Drawings and CAD**	CEE 3274					
			Math 2204	ESM 2104	**ESM 2204**	**Mechanics of Deformable Bodies**	CEE 3404	CEE 3514	CEE 3684	CEE 4610		
				none	**ISE 2014**	**Engineering Economy**						
			Math 2114	Math 1226	**Math 2214**	**Differential Equations**	ECE 3054	CEE 4134				
			Engl 1106	JR Standing	**Engl 3764**	**Technical Writing**						
Reminder: All pre-requisites for CEE courses must be met with a grade of C- or better												
				none	**CEE 2804**	**Intro to CEE**	CEE 3304	CEE 4804				
	(Co-req: CEE 2824)		Math 1226	ENGE 1216	**CEE 2814**	**CEE Measurements**	CEE 3274	CEE 3684				
				CE Majors Only	**CEE 2834**	**CE Drawings & Virtual Modeling**						
				JR Standing	**CEE 3014**	**Construction Management**	CEE 4014	CEE 4024	CEE 4074			
	CHEM 1035	CHEM 1045	Math 1226	Phys 2305	**CEE 3104**	**Intro to Environmental Engr**	CEE 4114	CEE 4144	CEE 4174	CEE 4104		
			CEE 2824	CEE 2814	**CEE 3274**	**Intro to Land Development**	CEE 4274	CEE 4284	CEE 4264			
			CEE 2804	ESM 2104	**CEE 3304**	**Fluid Mechanics for CEE**	CEE 3314	CEE 4104	CEE 4304	CEE 4314	CEE 4384	
				CEE 3304	**CEE 3314**	**Water Resources Engr**	CEE 4324	CEE 4334				
				ESM 2204	**CEE 3404**	**Theory of Structures**	CEE 3424	CEE 3434				
			CEE 3684	CEE 3404	**CEE 3424**	**Reinforced Concrete Structures I**	CEE 4454					
			CEE 3684	CEE 3404	**CEE 3434**	**Design of Steel Structures I**						
			GEOS 2104	ESM 2204	**CEE 3514**	**Intro to Geotech Engr**	CEE 4514	CEE 4534	CEE 4544	CEE 4564		
				JR Standing	**CEE 3604**	**Intro to Transportation Engr**	CEE 4604	CEE 4624	CEE 4654	CEE 4674	CEE 4684	
CHEM 1035	CHEM 1045	GEOS 2104	ESM 2204	CEE 2814	**CEE 3684**	**CE Materials**	CEE 3424	CEE 3434	CEE 4614	CEE 4634	CEE 4664	CEE 4454
				JR Standing	**CEE 3804**	**Computer Applications in CEE**	CEE 3814	CEE 4034				
				CEE 3804	**CEE 3814**	**Analytics in CEE**	CEE 4834					

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				CEE 3014	**CEE 4014**	**Estimating, Production, & Cost Engr**						
				CEE 3014	**CEE 4024**	**Construction Control Techniques**						
				CEE 3804	**CEE 4034**	**Smart Sustainable Infrastructure**						
				CEE 3014	**CEE 4074**	**Means & Methods**						
			CEE 3304	CEE 3104	**CEE 4104**	**Water & Wastewater Treatment Design**						
				CEE 3104	**CEE 4114**	**Fund of Public Health Engr**						
			Math 2214	SR Standing	**CEE 4134**	**Sustainable Systems**						
			SR Standing	CEE 3104	**CEE 4144**	**Air Resources Engr**						
				CEE 3104	**CEE 4174**	**Solid & Hazardous Waste Management**						
				SR Standing	**CEE 4254**	**Municipal Engineering**						
			CEE 3274	SR Standing	**CEE 4264**	**Sustainable Land Development**						
			SR Standing	CEE 3274	**CEE 4274**	**Land Development Design**						
		co: CEE 4274		CEE 3274	**CEE 4284**	**Advanced Land Development Design**						
				CEE 3304	**CEE 4304**	**Hydrology**						
				CEE 3304	**CEE 4314**	**Groundwater Resources**						
				CEE3314	**CEE4324**	**Open Channel Flow**						
				CEE 3314	**CEE 4334**	**Hydraulic Structures**						
				SR Standing	**CEE 4344**	**Water Resources Planning**						
				CEE 3304	**CEE 4384**	**Introduction to Coastal Engineering**						
			CEE 3684	CEE 3424	**CEE 4454**	**Masonry Structural Design**						
				CEE 3514	**CEE 4514**	**Methods in Geotechnical Engr**						
				CEE 3514	**CEE 4534**	**Earth Pressures & Foundation Structures**						
				CEE 3514	**CEE 4544**	**Design of Earth Structures**						
				SR Standing	**CEE 4554**	**Natural Disaster Mitigation & Recovery**						
				CEE 3514	**CEE 4564**	**Intro to Coastal & Marine Geotechnics**						
				CEE 3604	**CEE 4604**	**Traffic Engineering**						
			ESM 2204	OR AOE 2024/P	**CEE 4610**	**Mechanics of Composite Materials**						
				CEE 3684	**CEE 4614**	**Advanced Structural Concrete**						
				CEE 3604	**CEE 4624**	**Planning Transportation Facilities**						
				CEE 3684	**CEE 4634**	**Infrastructure Condition Assessment**						
				CEE 3604	**CEE 4654**	**Geometric Design of Highways**						
				CEE 3684	**CEE 4664**	**Pavement Design**						
				CEE 3604	**CEE 4674**	**Airport Planning & Design**						
				CEE 3604	**CEE 4684**	**Transportation Safety**						
		JR Standing	CEE 2804	co: CEE 3304	**CEE 4804**	**Professional & Legal Issues in Engr**						
				CEE 3814	**CEE 4834**	**Cyber-Phys & Remote Sensing**						
				none	**CEE 4844**	**BIM & Integrated Practice**						