

Course No.	Course Title	Instructor	F 25	S 26	Su 26	F 26	S 27	Su 27	F 27	S 28	Su 28	F 28	S 29	Su 29	F 29	S 30	Su 30
Lower-Level Courses for M.S. and Ph.D. (F 2025 to Su 2030)																	
CEE 512	Computational Method in Structures	D. Nguyen					x						x				
CEE 514	Masonry Structures Design	TBD			x						x						x
CEE 515	Steel Structures Design	S. Amiri			x			x			x			x			x
CEE 516	Wood Structures Design	S. Amiri						x						x			
CEE 530	Foundation Engineering	S.Amiri	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CEE 531	Slope Stability and Earth Structures Design	P. Wang				x						x					
CEE 532	Introduction to Earthquake Eng.	P. Wang						x						x			
CEE 533	Geomaterials Stabilization	P. Wang			x						x						x
CEE 540@	Hydraulic Engineering	X. Wang			x						x						x
CEE 546@	Urban Stormwater Hydrology	X. Wang		x						x						x	
CEE 547	Groundwater Hydraulics	K. Boone	x						x						x		
CEE 551@	Water & Wastewater Treatment	M. Unal		x			x			x			x			x	
CEE 552@	Air Quality	TBD		x			x			x			x			x	
CEE 554@	Hazardous Waste Treatment	M. Unal	x			x			x			x			x		
CEE 555@	Pollution Prevention and Green Eng.	M. Unal			x			x			x			x			x
CEE 557	Adaptation to Sea Level Rise	M. Unal	x			x			x			x			x		
CEE 558@	Sustainable Development	M. Unal	x			x			x			x			x		
CEE 559	Biofuels Eng.	TBD		x			x			x			x			x	
CEE 571	Transportation Operations I	M. Cetin		x			x			x			x			x	
CEE 575	Geometry Design of Roads	S. Amiri			x			x			x			x			x
CEE 582@	Introduction to Coastal Eng.	T. Idowu		x			x			x			x			x	
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Upper-Level Courses for M.S. and Ph.D. (F 2025 to Su 2030)																	
CEE 700/800@	Civil and Environmental Engineering Exp. Design	J. Yoon		x			x			x			x			x	
CEE 701/801	Applied Mathematics for Civil & Env. Engineers	TBD	x			x			x			x			x		
CEE 710/810	Structural Dynamics	TBD			x						x						x
CEE 711/811@	Finite Element Analysis	D. Nguyen	x			x			x			x			x		
CEE 712/812	Advanced Reinforced Concrete	S. Amiri						x						x			
CEE 713/813	Prestressed Concrete	S. Amiri				x						x					
CEE 714/814	Advanced Structural Analysis	S. Amiri							x						x		
CEE 715/815@	Engineering Optimization I	D. Nguyen		x			x			x			x			x	
CEE 717/817	Bridge Structures Design	L. Wang				x						x					
CEE 718/818	Flood Resistant Structural Design	TBD			x						x						x
CEE 719/819	Inelastic Structures	S. Amiri			x						x						x
CEE 720/820	Structural Stability	S. Amiri					x						x				
CEE 721/821	Plates	S. Amiri			x						x						x
CEE 722/822@	Cluster Parallel Computing	D. Nguyen						x						x			
CEE 723/823	Seismic Design of Steel Structures	TBD			x						x						x
CEE 724/824	Retrofitting Methods for Bridges and Buildings	S. Amiri						x						x			
CEE 725/825	Smart Structures	TBD							x						x		
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Upper-Level Courses for M.S. and Ph.D. (F 2025 to Su 2030)																	
CEE 730/830	Advanced Foundation Eng.	S. Amiri	×						×						×		
CEE 731/831	Advanced Soil Mechanics	P. Wang		×						×						×	
CEE 732/832	Eng. Behavior of Soils	P. Wang		×						×						×	
CEE 733/833	Soil Dynamics	P. Wang					×						×				
CEE 741/841	Open Channel Flow	X. Wang				×						×					
CEE 747/847	Groundwater Flow	X. Wang						×						×			
CEE 751/851@	Physicochemical Treatment Processes	TBD	×			×			×			×			×		
CEE 752/852@	Biological Wastewater Treatment	M. Unal		x			x			x			x			x	
CEE 755/855@	Water Quality Management	J. Yoon				x						x					
CEE 756/856@	Water Quality Modeling	J. Yoon	x						x						x		
CEE 761/861	Water Res. Processes and Analysis Methods	X. Wang	×						×						×		
CEE 762/862@	Aquatic Chemistry in Environmental Eng.	TBD		×			×			×			×			×	
CEE 770/870	Transportation Safety	K. Xie					×						×				
CEE 771/871	Transportation Operations II	M. Cetin				×						×					
CEE 772/872	Intelligent Transportation Systems	M. Cetin	×						×						×		
CEE 773/873	Transportation Planning	K. Xie	×						×						×		
CEE 774/874	Transportation Network Flow Models	Q. Tang				×			×			×			×		
CEE 776/876	Transportation Modeling and Simulation	M. Cetin					×						×				
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CEE 782/882@	Design of Coastal Structures	H. Kim	×			×			×			×			×		
CEE 787/887@	Dredging and Beach Eng.	H. Kim					×						×				
CEE 788/888@	Coastal Hydrodynamics and Sed. Processes	T. Idowu	×			×			×			×			×		
CEE 789/889	Com. Environmental Fluid Dynamics	H. Kim		×						×						×	
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@ in distant learning mode

Take 4 from 5	Env. Engr. Core Courses
	Coastal Engineering Certificate courses