

## Civil Engineering Course Offerings Fall 2009 – Fall 2012

	Fall 2009	Spring 2010	Summer 2010	Fall 2010	Spring 2011	Summer 2011	Fall 2011	Spring 2012	Summer 2012	Fall 2012
CE 1301 Introduction to Civil Engineering	x	x		x	x		x	x		x
CE 1403 Engineering Communication	x	x		x	x		x	x		x
CE 2103 Civil Engineering Measurements	x	x		x	x		x	x		x
CE 2633 Environmental Engineering	x	x		x	x		x	x		x
CE 3103 Mechanics of Solids	x	x		x	x		x	x		x
CE 3113 Structural Analysis	x	x		x	x		x	x		x
CE 3173 Numerical Methods	x	x		x	x		x	x		x
CE 3213 Reinforced Concrete Design	x	x		x	x		x	x		x
CE 3233 Steel Design	x	x		x	x		x	x		x
CE 3243 Properties & Behavior of Engineering Materials	x	x		x	x		x	x		x
CE 3253 Introduction to Masonry & Timber Design	x			x			x			x
CE 3413 Geotechnical Engineering & Applications	x	x		x	x		x	x		x
CE 3543 Project Design & Construction Management	x	x		x	x		x	x		x
CE 3603 Fluid Mechanics	x	x		x	x		x	x		x
CE 3633 Water & Wastewater Treatment	x	x		x	x		x	x		x
CE 3723 Applied Hydrology		x			x			x		
CE 4123 Highway Engineering	x	x		x	x		x	x		x
CE 4233 Transportation Systems		x								
CE 4313 Computer-Aided Design in Civil Engineering	x	x	x	x	x	x	x	x	x	x
CE 4413 Foundation Analysis & Design	x									
CE 4603 Water Resources Engineering	x	x		x	x		x	x		x
CE 4653 Design of Pollution Control Systems	x			x			x			x
CE 4723 Hydraulic Systems Design	x			x			x			x
CE 4813 Civil Engineering Design	x	x		x	x		x	x		x
* CE 5013/ 4013 Civil Engineering Systems Analysis		x						x		
* CE 5023/ ME 5423 Finite Element Method		x			x			x		
CE 5043 Advanced Civil Engineering Statistics	x			x			x			x
* CE 5103/ 4103 Advanced Steel Design	x						x			
CE 5123 Bridge Engineering					x					

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* CE 5133/ 4143 Advanced Reinforced Concrete		x						x		
CE 5143 Numerical Methods in Civil Engineering	x			x			x			x
* CE 5153/ 4133 Prestressed Concrete		x						x		
CE 5213 Industrial Waste Treatment					x					
* CE 5293/ 4293 Geographic Information Systems (GIS)		x								
* CE 5303/ 4303 Hydrometeorology	x									x
* CE 5403/ 4403 Advanced Characteristics of Highway Materials	x				x					
CE 5423 Advanced Pavement Analysis/Design					x					
CE 5433 Advanced Geometric Design		x						x		
CE 5443 Pavement Management				x						x
* CE 5453/ 4453 Transportation Engineering					x					
* CE 5463/ 4463 Foundation Engineering	x			x						x
CE 5503 Advanced Open Channel Hydraulics					x					
* CE 5613/ 4613 Environmental Chemistry		x								
CE 5623 Advanced Treatment Processes for Water Quality Control								x		
CE 5713 Special Topics in Structures: Structural Dynamics and Earthquake Engineering					x					
CE 5991 Graduate Seminar (Non-thesis MS)	x	x		x	x		x	x		x
CE 6013 Hydrologic Modeling and Analysis							x			
CE 6103 Fate and Transport of Contaminants in the Environment	x	x								
CE 6153 Advanced Mechanics and Modeling of Structural Materials					x					
6221 Graduate Seminar	x			x			x			x
6273 Analysis of Environmental Problems	x			x			x			x
6523 Advanced Surface Water Hydrology		x						x		

\* cross listed graduate/undergraduate course  
tentative course number