

Civil and Environmental Engineering
Textbook Order - Fall Term 2016

Course #	Instructor	Textbook Title	Authors	Edition	Publisher	ISBN	REQ	OPT
CEE 200	Raskin	None						
CEE 211	Li	Beer: Statics & Dynamics CONNECT combined with Hardcover Textbook			McGraw Hill	9781259993619	X	
CEE 212	Michalowski	Mechanics of Materials	R.C. Hibbeler	10th	Prentice Hall	9780134319650	X	
CEE 230	Clack	Thermodynamics: An Engineering Approach	Yunus Cengel and Michael Boles	8th		978-0-07-339817-4	X	
CEE 265	Ellis	Coursepack					X	
CEE 270	Kerkez	Probability and Statistics for Engineering and the Sciences	Devore	8th	Duxbury	978-0538733526		X
CEE 270		Probability Concepts in Engineering: Emphasis on Applications to Civil and Environmental Engineering	Ang, Tang	2nd	Wiley	978-0471720645		X
CEE 312	Bernardini	Structural Analysis	Hibbeler	9th	Prentice-Hall	0133942848	X	
CEE 325	Cotel	Wiley E-Text Engineering Fluid Mechanics		11th	Wiley	978-1-118-88051-7		X
	Loose-leaf	Engineering Fluid Mechanics		11th	Wiley	978-1-118-88068-5		X
CEE 345	Zekkos	Geotechnical Engineering: Principles & Practices	Coduto	2nd	Prentice Hall	0132368684	X	
CEE 351	Hansen	Concrete	Mindess, Young, Darwin	2nd	Prentice Hall	9780130646323	X	
CEE 365	Wigginton	Environmental Engineering Science	Nazaroff & Alvarez-Cohen			0471144940	X	
CEE 412	Spence	Matrix Analysis of Structures	Aslam Kassimali	2nd		978-1111426200	X	
CEE 413	McCormick	Steel Design	Segui	5th		978-1-111-57600-4	X	
CEE 421	Ivanov	Hydrology and Floodplain Analysis	Bedient	5th	Prentice Hall	978-0132567961	X	
CEE 428	Demond	Groundwater Hydrology	Todd, Mays	3rd	Wiley	9780471059370	X	
CEE 431	Stino	Coursepack: CEE Construction Contracting (Dollar Bill)					X	
CEE 431		Construction Contracting: A Practical Guide to Company Management		8th	Wiley	978-1118693216		X
CEE 470	Liu	Principles of Highway Engineering and Traffic Analysis	Mannering, Fred L. and Scott S. Washburn	5th	Wiley	9781118120149	X	
CEE 480	Olson	Principles of Water Treatment	Crittenden, Howe	2012	Wiley	9780470405383	X	
CEE 482/582	Semrau	Brock Biology of Microorganisms	Madigan, et al	14th	Pearson	9780321897398	X	
CEE 501.007	Everett	Wind Power Plants: Fundamentals, Design, Construction, and Operation	Robert Gasch and Jochen Twele	2nd		9783642229374		X
CEE 501.028	Ioannou	None						
CEE 501.063	Liu	None						

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CEE 501.041	Love	None					
CEE 510	El-Tawil	Concepts and Applications of Finite Element Analysis	Robert D. Cook, David S. Malkus, Michael E. Plesha, and Robert J. Witt	4th	Wiley	9780471356059	X
CEE 513	McCormick	None					
CEE 515	Wight	Reinforced Concrete Mechanics and Design	James K. Wight	7th		9780133485967	X
CEE 517	Spence	Structural reliability analysis and prediction Probability, Reliability, and Statistical Methods in Engineering Probability Concepts in Engineering: Emphasis on Applications to Civil and Environmental Engineering	Robert E. Melchers Achintya Haldar and Sankaran Mahadevan	2nd		9780471987710	X
CEE 517				1st		9780471331193	X
CEE 517				2nd		9780471720645	X
CEE 521	Katopodes	None					
CEE 527	Wright	No textbook, will use coursepack					
CEE 531	Kamat	None					
CEE 532	Lee	None					
CEE 536	Ioannou	Precedence and Arrow Networking Techniques for Construction	Harris, R.B.,	1978	John Wiley and Sons	9780471041238	X
CEE 536		Coursepack					X
CEE 540	Michalowski	None					
CEE 542	Zekkos	None					
CEE 543	Athanasopoulos- Zekkos	None					
CEE 545	Hryciw	Foundation Design Principles and Practices	Coduto, Kitch and Yeung	3rd	Pearson	9780133411898	X
CEE 547	Hansen	Pavement Design & Analysis	Huang	2nd	Pearson	9780131424739	X
CEE 572	Lynch	None					
CEE 574	Li	Materials and the Environment	M. Ashby, Elsevier	2nd	Elsevier	9780123859716	X
CEE 574		Materials and Design	M. Ashby and K. Johnson <u>M F Ashby</u>	3rd	Elsevier Butterworth- Heinemann	9780080982052	X
CEE 574		Materials selection in mechanical design		4th		1856176630	X
CEE 576	Scruggs	None					
CEE 591	Katopodes	None					
CEE 624	Cotel	None					
CEE 686	Adriaens	Sustainable investing : the market beating strategy for the 21st century	Cary, Nick Robhins	1st	Routledge	978-1844075485	X

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CEE 693	Semrau	None						
CEE 812	Wight	None						
CEE 840	Hryciw	None						
CEE 881	Raskin	None						
CEE 930	Lee	None						