

Spring 2010 CE textbooks

Course #	Course Title	Instructor	Book Title	Author	Edition	Publisher	ISBN
CE 1301	Intro to CE	Sharif					
CE 1403	Engineering Communication	Strybos	Civil Drafting Technology	Madsen, et al.	7th	Pearson/ Prentice Hall	9780135000687
CE 2103	CE Measurements	Santamaria	Surveying Principles and Applications	B.F. Kavanagh	8th	Pearson/ Prentice Hall	013236512X
CE 2633	Environmental Engineering	Pei	Principles of Environmental Engineering and Science	Davis and Masten	2nd	McGraw Hill	9780073122359
CE 3103	Mechanics of Solids	Arroyo	Mechanics of Materials	R.C. Hibbeler	7th	Pearson/ Prentice Hall	0132209918
CE 3113	Structural Analysis	Arroyo	Structural Analysis	R.C. Hibbeler	7th	Pearson/ Prentice Hall	0131976419
CE 3173	Numerical Methods	Chowdhury	Numerical Methods for Engineers	Chapra and Canale	6th	McGraw Hill	9780073401065
CE 3213	Reinforced Concrete Design	Diaz					
CE 3233	Steel Design	Arroyo	Steel Structures: Design and Behavior	Salmon, Johnson, Malhas	5th	Pearson/ Prentice Hall	0131885561
CE 3243	Properties & Behavior Engr Mat	Dessouky	Design and Control of Concrete Mixtures	Portland Cement Assoc.	14th	Portland Cement Assoc.	0893122173
			Materials for Civil and Construction Engineers	Mamlouk and Zaniewski	2nd	Pearson/ Prentice Hall	0131477145
CE 3413	Geotechnical Engineering/Appl	Abu-Farsakh	Principles of Geotechnical Engineering	B.M. Das	7th	Thomson	0495411302
CE 3543	Project Design & Constr Mgmt	Weissmann					
CE 3603	Fluid Mechanics	Liu	Fluid Mechanics with Engineering Applications	Finnemore and Franzini	10th	McGraw Hill	0072432020
CE 3633	Water & Wastewater Treatment	Johnson	Water Supply and Pollution Control	Viessman, et al.	8th	Pearson/ Prentice Hall	0132337177
CE 3723	Applied Hydrology	French	Hydrology and Floodplain Analysis	Bedient, Huber, Vieux	4th	Pearson/ Prentice Hall	0131745891
CE 4123	Highway Engineering	Papagiannakis	Principles of Highway Engineering and Traffic Analysis	Mannering and Kilareski	4th	John Wiley & Sons	9780470290750
CE 4233	Transportation Systems	Karkee	Transportation Infrastructure Engineering: A Multimodal Integration	Hoel, Garber, Sadek	1st	Cengage Learning	9780534952891
CE 4313	Computer-Aided Design in CE	Strybos	Introduction to Mathcad 13	R.W. Larsen	2nd	Pearson/ Prentice Hall	0131890735
			Engineering with Excel	R.W. Larsen	3rd	Pearson/ Prentice Hall	0136017754
			Computer Applications in Hydraulic Engineering	T.M. Walksi	7th	Bentley Institute	0971414165
CE 4603	Water Resources Engineering	Manz	Water Resources Engineering	Wurbs and James	1st	Pearson/ Prentice Hall	0130812935
CE 4813	Civil Engineering Design	Diaz					
CE 5013	CE Systems Analysis	canceled					
CE 5133	Advanced Reinforced Concrete	Diaz					
CE 5153	Prestressed Concrete	Chowdhury	Prestressed Concrete: A Fundamental Approach	E. Nawy	4th	Pearson/ Prentice Hall	0131497596
CE 5293	Geographic Information Systems	canceled					
CE 5433	Advanced Geometric Design	Weissmann	Policy on Geometric Design of Highways and Streets	AASHTO	5th	AASHTO	1560512636
CE 5613	Environmental Chemistry	Shipley	Chemistry for Environmental Engineering and Science	Sawyer, McCarty, Parkin	5th	McGraw Hill	0072480661
CE 6103	Fate & Transport of Contaminants	Bin-Shafique					
CE 6113	Global Change	Sharif					
CE 6523	Adv Surface Water Hydrology	French	Hydrology and Floodplain Analysis	Bedient, Huber, Vieux	4th	Pearson/ Prentice Hall	0131745891
COR 1203	Freshman Seminar	Morrow	Matlab: An Introduction with Applications	A. Gilat	3rd	Wiley	0470108770
EGR 2103	Statics	Bin-Shafique	Engineering Mechanics: Statics	R.C. Hibbeler	12th	Pearson/ Prentice Hall	0136077900
EGR 2513	Dynamics	Yang	Engineering Mechanics: Dynamics & Mastering Engineering Package	R.C. Hibbeler	12th	Pearson/ Prentice Hall	0137032293
EGR 3713	Engineering Economic Analysis	Manz	Engineering Economic Analysis	Newnan, et al.	10th	Oxford University Press	0195335414

 No book required
 Canceled course