

Spring 2012 Civil Engineering Textbooks

Course Number/Section	Course Title	Faculty	Text Title	Author	ISBN	Edition	Price	Required
CE 1002	Intro to Civil Engineering	Prof. Anne Ronan	Introduction to Engineering	Wright, Paul H.	ISBN-13: 978-0-471-05920-2	3rd edition		Required
CE 1502	Leadership and Found of Const. Mgmt.	Prof. Ronal Pennella (Adjunct)	Construction Management Standards of Practice	Advancing Professional Construction		2010 edition	\$ 75.00	Required
CE 2113	Statics	Prof. Mohsen Hossein	Engineers Mechanics Statics & Statics Study Package, 12/E	Russell C. Hibbeler	9780132462006	2009	\$ 180.00	Required
CE 2523	Contracts & Construction Documents	Prof. Andrew Bates	Construction Documents and Contracting	Joseph D. Coleman / Pearson-Prentice Hall	ISBN: 0-13-089328-5			Required
CE 3122	Structural Dynamics	Prof. Roula Maloof	Dynamics	R.C. Hibbeler	ISBN-13: 978-0-136077916			Required
CE 2123	Mechanics of Materials	Ghandehari						Required
CE 3133	Analysis of Structures	Prof. Roula Maloof	Structural Analysis	R.C. Hibbeler	0-13-602060-7	7th edition		Required
CE 3143	Steel Design	Prof. Roula Maloof	Steel Design	William T. Segui	ISBN-13: 978-0-602060-8	4th edition		Required
CE 3243	Water Resources Engineering	Prof. Anne Ronan	Water Resources Engineering	Mays, Larry W.	ISBN-10: 978-0471705246 ISBN-13: 978-0470460641	2nd edition		Required
CE 3343	Design of Traffic Facilities	Prof. Jose Ulerio	Traffic & Highway Engineering	Nicholas J. Garber and Lester Hoel	ISBN-10: 0495082503;	4th edition	\$169.31	Required
CE 4533	Construction Law	Prof. Lawrence Chiarelli	Principles and Practices of Construction Law	Nancy J. White, J.D.	9780130325761	2002	\$ 135.00	Required
CE 4543	Construction Management Proj.	Prof. Robert Maffia	Project Management in Construction	Sidney Levy		6th edition		Required
CE 6133	Stability of Structures	Prof. Omar Elsharif (Adjunct)	Theory of Elastic Stability	S. Timoshenko and J. Gere	0070647497			Required
CE 6163	Finite Element Methods	Prof. Omar Khair-Eldin (Adjunct)	Introduction to Finite Element Analysis and Design	Nam-Ho Kim, Bhavani V. Sankar	ISBN 978-0-470-12539-7	October 2008, ©2009	\$ 132.95	Required
CE 6193	Wind and Earthquake Engineering	Prof. Joong J. Lou (Adjunct)	The Seismic Design Handbook	Farzad Naeim (Editor)	ISBN-10: 0792373014 ISBN-13: 978-0792373018			Required
CE 7423	Water and Waste Treatment	Prof. Joon Om (Adjunct)	Water Treatment Principles and Design		ISBN: 0-471-04384-2			Required
CE 8253	Project Management for Construction	Prof. Dominic Fickeria (Adjunct) Prof. John Caruso (Adjunct) Prof. Sal Rozenberg (Adjunct)	Contractors Guide to Business, Law and Project Management	National Association of State Contractors Licensing Agencies	ISBN: 13-978-1-934234-36-5	9th edition		Required
CE 8313	Engineering for Construction I	Prof. Jerome White (Adjunct)	Handbook of Temporary structures in Construction	Ratay				Required
CE 2113	Statics	Prof. Mohsen Hossein	Engineering Mechanics: Statics	Russell C. Hibbeler	ISBN-10: 0136077900	Prentice Hall; 12 edition (January 7, 2009)	\$ 119.97	Required
CE 2133	Fluid Mechanics and Hydraulics	Prof. Sangho Yoon	Fundamental of Fluids Mechanics	Bucee R. Munson, Donald F. Young, Theodore H.	ISBN-10: 0470262842	Wiley; 6 edition (January 9, 2009)	\$ 149.72	Required
CE 2323	Traffic Engineering I	Prof. Roger Reuss	Traffic Engineering	Roger P. Reuss, Elena S. Prassas, William R.	ISBN-10: 9780136135739	Prentice Hall; 4 edition (July 4, 2010)	\$ 124.95	Required
CE 3122	Structural Dynamics	Prof. Roula Maloof	Engineering Mechanics: Dynamics	R.C. Hibbeler	ISBN-10: 0136077919	Prentice Hall; 12 edition (April 24, 2009)	\$ 122.12	Required
CE 3133	Structural Analysis	Prof. Roula Maloof	Structural Analysis	R.C. Hibbeler	ISBN-13: 9780137140732	Prentice Hall; 8 edition (May 2008)	\$ 131.46	Required
CE 3143	Steel Design	Prof. Roula Maloof Prof. Alfonso Whu (Adjunct)	Structural Steel Design Steel Construction Manual	Jack McGormack AISC	ISBN-10: 0136079482; ISBN-13: 978-0136079484 AISC 325-05	Prentice Hall; 5 edition (August 6, 2011) 13th Edition (5th Printing)	\$ 164.68 N/A	Required
CE 3153	Geotechnical Engineering	Prof. Mohsen Hossein	Principles of Geotechnical Engineering	Braja M. Das	ISBN-10: 0495411302	CL-Engineering; 7 edition (September 8,	\$ 167.78	Required
CE 3163	Materials Engineering	Prof. Masoud Ghandehari	NO TEXTBOOK REQUIRED. PROFESSOR WILL PROVIDE READING MATERIALS.					Required
CE 3223	Environmental Engineering I	Prof. Mohammad Karamouz	Introduction to Environmental Engineering and Science	Gilbert M. Masters and Wendell P. Ela	ISBN-10: 9780131481930	Prentice Hall; 3 edition (June 18, 2007)	\$ 130.89	Required
CE 3243	Water Resources Engineering	Prof. Anne Ronan	Water Resources Engineering	Mays, Larry W.	ISBN-10: 9780470460641	Wiley; 2 edition (June 8, 2010)	\$ 118.69	Required
CE 3343	Design of Traffic Facilities	Prof. Jose Ulerio	Traffic & Highway Engineering	Nicholas J. Garber and Lester Hoel	ISBN-10: 9780495082507	CL-Engineering; 4 edition (June 4, 2008)	\$ 156.03	Required
CE 4092	Leadership, Business Principles, Policy and Ethics in Civil Engineering	Prof. Bud Griffin	NO TEXTBOOK REQUIRED. PROFESSOR WILL PROVIDE READING MATERIALS.					Required
CE 4183	Reinforced Concrete Design	Prof. Alfonso Whu (Adjunct)	Structural Concrete: Theory and Design	M. Nadim Hassoum and Akthem Al-Manaseer	ISBN-10: 0470170948	Wiley; 4 edition (August 11, 2008)	\$ 117.85	Required
CE 4814	Civil Engineering Design	Prof. Walid Abou Moussa (Adjunct)	NO TEXTBOOK REQUIRED. PROFESSOR WILL PROVIDE READING MATERIALS.					Required
CE 7233	Hydrology	Prof. Mohammad Karamouz	Hydrology and Floodplain Analysis	Philip B. Bedient, Wayne C. Huber, Baxter E.	ISBN-10: 0131745891	Prentice Hall; 4 edition (July 28, 2007)	\$ 122.72	Required
CE 8263	Construction Cost Estimating (LI)	Prof. Jerome White (Adjunct)	RSMeans Building Construction Cost Data 2010	Phillip R. Waier (Editor), Christopher Babbitt, Ted	ISBN-10: 0876297467	R.S. Means Company; 68 edition	\$ 106.86	Required
CE 8273	Contracts and Specifications (WEST)	Prof. Dominick Fickeria (Adjunct)						Required
CE 8283	Risk Analysis	Prof. Andrew Bates	Making Hard Decisions with Decision Tools Suite	Robert T. Clermen, Terence Reilly	ISBN-10: 0534421997	2nd edition		Required
CE 8343	Construction Site Safety	TBA	Schaum's: Engineering Economics	Jose Sepulveda, William Souder, and Byron	ISBN-10: 9780070238343	McGraw-Hill; 1 edition (June 1, 1984)	\$ 15.25	Required
CE 8493	Environmental Geotechnology	Prof. Mohsen Hossein	Geoenvironmental Engineering: Site Remediation, Waste	Hari D. Sharma and Krishna R. Reddy	ISBN-10: 0471215996	Wiley; 1 edition (May 20, 2004)	\$ 203.46	Required
TR 6323	Traffic Control and Signalization II	Prof. Mohamad Talas (Adjunct)	Traffic Engineering	Rocess, R. Prassas, E., and McShane, W		4th edition	\$ 180.00	Required
CE 6023	Materials for Civil Engineering	Prof. Weihua Jin	TBA					
CE 6073	Instr. Mon. & Cond. Asses Civ Inf	Prof. Maged Iskander	TBA					
CE 7843	Intro To Urban Syst. Engr	Prof. Ian Juran	TBA					
CE 7983	Spec Top In Infra Syst & Const	Prof. Pooyan Aslani	TBA					
CE 82893	Construction Operations Analysis	Prof. Bud Griffin	TBA					
CE 8703	Mang & Leading in 21st Cent	Prof. Albert DiBernardo	TBA					
CE 8783	Construction MGMT & Planning	Prof. Robert Harvey	TBA					
TR 6113	Forecasting Urban Travel Demnd	Prof. Kuo-Ann	TBA					
TR 6213	Transportation Econ & Fin	Prof. Elena Prassas	TBA					
TR 7133	URB Public Transportation Sys.	Prof. Andrew Bata	TBA					
TR 7323	DES of Parking & Term Facilit.	Prof. Philip Habib	TBA					