

CBE Spring 2012 Texts

Course Number/Section	Course Title	Faculty	Text Title	Author	ISBN	Edition	Price	Required/Optional
CBE 6333	TRANSPORT PHENOMENA	R. Levicky	Advanced Transport Phenomena	L. Gary Leal	978-0-521-84910-4		\$155	optional
			Analysis of Transport Phenomena	William M. Deen	195084942		\$135	optional
			Fluid Dynamics	W.F. Hughes, J.A. Brighton, N. Winowich	70311188	3rd	\$22	optional
CBE 6813	CHEMICAL REACTOR ANALYSIS & DESIGN	J. Kim	Elements of Chemical Reaction Engineering	Fogler, H. S.	130473944	4th	\$145	required
CBE 8813	BIOCHEMICAL ENGINEERING	J. Kim	Bioprocess Engineering, Basic Concepts	Shuler, M.L. and Kargi	0-13-081908-5	2nd	\$144	required
CBE 3323	TRANSPORT II	J. Gallaway	Transport Phenomena	Bird, Stewart, and Lighfoot	0470115394	2nd	\$135.47	required
CBE 1002	INTRO TO CHEM & BIOMOLECULAR ENG	J. Mijovic	Elementary principles of chemical processes	R.M. Felder and R. Rousseau, Wiley	8003VAGXH0	3rd Edition, 2005	\$161.43	required
CBE 4173	POLYMER MATERIALS	J. Mijovic	Principles of polymer systems	Ferdinand Rodriguez, C. Cohen, C. K. Ober and L. A. Archer, Published by Taylor and Francis	15603229394	5th Edition, 2003	\$136.00	required
CBE 3233	CHEM & BIOMOLECULAR ENG SEPARA	L. Stiel	Separation Process Principles	Seader, Henley, and Roper	978-0-470-48183-7	3rd	\$196.00	required
CBE 3223	KINETICS AND REACTOR DESIGN	W. Zurawsky	Chemical Reactor Analysis and Design Fundamentals	James B. Rawlings and John G. Ekerdt	0-615-11884-4	2002		required
CBE 4213	ENGINEERING LABORATORY II	E. Ziegler, W. Zurawsky	Unit Operations in Chem. Engineering	Warren McCabe, J. Smith and Peter Harriott	0-07-284823-5	7th Ed	\$60.00	required
CBE 4263	CHEM & BIO PROCESS DESIGN II	E. Ziegler	Product and Process Design Principles	Seider, Warren, Lewin, Widagdo	987047004895-5	3rd Edition, 2009	\$137.57	required