

**Spring, 2010 (as of 12/02/09) - complete!**  
**GENERAL CHEMISTRY TEXTBOOK LIST**

<u>Course Number</u>	<u>ISBN Number</u>	<u>Title of Text and/or Materials</u>	<u>Edition</u>	<u>Author</u>	<u>Publisher</u>
11100	978-0-07-351107-8	Introduction to Chemistry, 2 <sup>nd</sup> ed	2010	Bauer/Birk/Marks	McGraw-Hill
	978-0-7380-3185-9	Chem 111 Laboratory Manual (shrink-wrapped w/Student Lab Notebook)	2009-2010		Hayden-McNeil
	978-0-7167-7939-1	I-Clicker Classroom Response System			Holtzbrink
11200	978-0-07-351107-8	Introduction to Chemistry, 2 <sup>nd</sup> ed	2010	Bauer/Birk/Marks	McGraw-Hill
	978-0-7380-3697-7	Chem 112 Laboratory Manual	Spring, 2010		Hayden-McNeil
	978-1-4292-2454-3	Laboratory Research Notebook			Hayden-McNeil
11500	0-538-77436-3	Text "bundle" which includes the following:			
		1) Chemistry & Chemical Reactivity [Purdue Custom edition]	7th ed	Kotz, Treichel, Weaver	Thomson/Brooks/Cole
		2) OWL Homework w/ebook			
		3) Student Solution Manual			
4) Math Survival Guide					
		5) Owl Student Guide			
	978-0-7380-3691-5	Chemistry 115 Laboratory Manual	Spring, 2010	Dept. of Chemistry	Hayden-McNeil
	978-1-4292-2454-3	Laboratory Research Notebook			Hayden-McNeil

Spring, 2010 GENERAL CHEMISTRY TEXTBOOK LIST (cont)

<u>Course Number</u>	<u>ISBN Number</u>	<u>Title of Text and/or Materials</u>	<u>Edition</u>	<u>Author</u>	<u>Publisher</u>
11600	0-538-77436-3	Text "bundle" which includes the following: 1) Chemistry & Chemical Reactivity [Purdue Custom edition] 2) OWL Homework w/ebook 3) Student Solution Manual 4) Math Survival Guide 5) Owl Student Guide	7th ed	Kotz, Treichel, Weaver	Thomson/Brooks/Cole
	978-0-7167-7939-1	I-Clicker Classroom Response System			Holtzbrink
	978-0-7380-3692-2	Chemistry 116 Laboratory Manual	Spring, 2010	Dept. of Chemistry	Hayden-McNeil
	978-1-4292-2454-3	Laboratory Research Notebook			Hayden-McNeil
12400	0-07-255820-2	Chemistry: The Molecular Nature of Matter and Change	4th ed	Silberberg	McGraw-Hill
	978-0-7380-3696-0	Chem 124 Laboratory Manual	Spring, 2010		Hayden-McNeil
	978-1-4292-2454-3	Laboratory Research Notebook			Hayden-McNeil
12600	0-07-255820-2	Chemistry: The Molecular Nature of Matter and Change	4th ed	Silberberg	McGraw-Hill
	978-0-7380-3711-0	Chem 126 Laboratory Manual <b>(available at University Bookstore ONLY!!)</b>	Spring, 2010	Nash	Hayden-McNeil
	978-1-4292-2454-3	Laboratory Research Notebook			Hayden-McNeil
19400	NA	Kolb Learning Style Inventory LSI Workbook	Version 3.1		HayGroup
20000	0-8053-8221-6	Conceptual Chemistry	3rd	John Suchocki	Pearson/ Benjamin Cummings

**The Chem 200 Lab Manual will be distributed through the Chemistry Dept!**

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Chemistry Textbook List

COURSE NUMBER	ISBN	TEXT	EDITION	AUTHOR	PUBLISHER	INSTRUCTOR
22400	0-03-035523-0 Required	Fundamentals of Analytical Chemistry	8 <sup>th</sup>	Skoog, West, Holler, Crouch	Thomson Brooks/Cole	Skrynnikov
24100	1-4292-1814-2, 13:978-1-429-21814-6 Required	Inorganic Chemistry	5 <sup>th</sup> (due out Dec 2009)	Atkins, Overton, et al.	Freeman	McMillin
25500	0-534-46773-3 Required	Organic Chemistry	5 <sup>th</sup> edition	Brown, Foote & Iverson (& Anslyn for 5 <sup>th</sup> edition)	Brooks/Cole	Wei
	0-03-020693-6 Required	Pushing Electrons	3 <sup>rd</sup>	Weeks	Brooks/Cole	
	0-7167-7939-0 Required	I-clicker		Macmillan (MPS, formerly VHPS)		
	0-534-46777-6 Optional	Student Study Guide for Brown, Foote, Iverson	4 <sup>th</sup> or 5 <sup>th</sup> edition	Iverson & Iverson (or Brown, Foote, Iverson, Anslyn)	Brooks/Cole	
	Optional	Framework Molecular Models				

25501	978-1-930882-74-4 Required	SB-100 Set Student Lab Carbonless Notebook		Hayden-McNeil Publishing		Nash
	978-0-470-12932-6 Required	The Organic Chem Lab Survival Manual	7 <sup>th</sup>	James Zubrick	Wiley	
25601	978-1-930882-74-4 Required	SB-100 Set Student Lab Carbonless Notebook		Hayden-McNeil Publishing		Nash
25701	978-0-470-12932-6 Required	The Organic Chem Lab Survival Manual	7 <sup>th</sup>	James Zubrick	Wiley	Nash
	978-1-930882-74-4 Required	SB-100 Set Student Lab Carbonless Notebook			Hayden-McNeil Publishing	
25600		Organic Chemistry	5 <sup>th</sup>	Brown & Foote		Chmielewski
		Students Study Guide for Brown & Foote	5 <sup>th</sup>	Brown, Foote & Iverson		
		I-clicker				
25700	978-1-439-04971-6 Required	Fundamentals of Organic Chemistry	7 <sup>th</sup>	John McMurry	CENGAGE Learning	Savinov

26200	978-0-981-5194-3-2 Required	Organic Chemistry	5th	Marc Loudon	Roberts & Company	Wenthold
	0-9648837-1-6 Required	Molecular Visions Organic Kit	'96			
26605	978-0-981-5194-3-2 Required	Organic Chemistry	5 <sup>th</sup>	Marc Loudon	Roberts & Co	Thompson
26400	0-471-24909- Required	Microscale Techniques for the Organic Laboratory	2 <sup>nd</sup>	D.W. Mayo, R.M. Pike , Butcher & Trumper	John Wiley & Sons Inc.	Ramachandran
26600	Required	Microscale Organic Laboratory with Multistep and Multiscale Synthesis'	4 <sup>th</sup>	Mayo, Pike, Trumper	John Wiley and Sons, Inc.	
26800	Required	Microscale Organic Laboratory with Multistep and Multiscale Synthesis	4 <sup>th</sup>	Mayo, Pike, Trumper	John Wiley and Sons	
33300	13: 978-0-471-66179-5 Required	Concepts in Biochemistry	3 <sup>rd</sup>	Rodney F. Boyer, Hope College	John Wiley & Sons	VanEtten
34200	0-7167-4878-9 Required	Inorganic Chemistry	4 <sup>th</sup>	Atkins, Overton, Rourke, Weller, Armstrong	Freeman	Wilker
34201	No text required					Choi

37000	0-935702-99-0 Required	Physical Chemistry: a Molecular Approach	1 <sup>st</sup>	D.A. McQuarrie & J.D. Simon	University Science	Adelman
37200	1-891389-33-5 Required	Physical Chemistry for the Biosciences	2004	Raymond Chang	Univ Science Books	Bodner
37400	(Beta versions of chapters from this new textbook will be provided free of charge)	Understanding Physical Chemistry		D. Ben-Amotz		Yang
	(on reserve in the Chem library) Optional	Atkins' Physical Chemistry	8 <sup>th</sup>	Peter Atkins & J. de Paula	Freeman	
37600	No text required					Dian
46200	No text required					Lipton
49400sem	No text required					Grutzner
51300	No text required					Garritano
53800	1-55581-269-4 Required	Molecular Biotechnology: Principles and Applications of Recombinant DNA	3 <sup>rd</sup> unless a more recent edition is available	Bernard R. Click & Jack J. Pasternak	ASM Press	Low/Mao

57900						<b>CANCELED</b>
62100	No text required					<b>Simpson</b>
62400	978-0-470-03310-4 Required	<b>Mass Spectrometry: Principles and Applications</b>	3 <sup>rd</sup>	<b>Edmond de Hoffmann, Vincent Stroobant</b>	<b>Wiley</b>	<b>McLucky</b>
63500	0-471-19350-X Required	<b>Biochemistry</b>	3 <sup>rd</sup>	<b>Voet and Voet</b>		<b>Shah</b>
63800		<b>Physical Chemistry: Principles and Applications in Biological Sciences</b>		<b>Ignacio Tinoco, Jr., Kenneth Sauer, James C. Wang, Joseph D. Puglisi</b>		<b>Das</b>
		<b>Biophysical Chemistry (Volumes I, II &amp; III)</b>		<b>Charles R. Cantor &amp; Paul R. Schimmel</b>		
64200	0471510947 Required	<b>Chemical Applications of Group Theory</b>	3 <sup>rd</sup>	<b>F. A. Cotton</b>	<b>Wiley</b>	<b>Ren</b>
64600	0072883626 Required	<b>Chemical Kinetics and Reaction Mechanisms</b>	2 <sup>nd</sup>	<b>James H. Espenson</b>	<b>McGraw-Hill Science</b>	<b>Abu-Omar</b>
64700	No text required					<b>Bart</b>
65200	978-0-470-39318-5 Required	<b>Drug Truths: Dispelling the Myths About Pharma R&amp;D</b>		<b>John L. LaMattina</b>	<b>Wiley</b>	<b>Fuchs</b>
	978-0-471-92963-5 Required	<b>Organic Synthesis: Strategy and Control</b>		<b>Paul Wyatt, Stuart Warren</b>	<b>Wiley</b>	

67200	0-521-635039 Required	Quantum Computation and Quantum Information	1 <sup>st</sup> , 2000	M.A. Nielson, I.L. Chuang	Cambridge University Press, 2000	Kais
67600	ISBN13: 978019517759 6 ISBN10: 0195177592 Required	Spectra of Atoms and Molecules	2 <sup>nd</sup> , 2005	Peter F. Bernath	Oxford University Press	Zwier
69600 (Orgnmt allics)	No text required					Negishi
69600 (Aspct Drg Des & Med Chem)	978- 0470227497 Required	Molecules and Medicine	1 <sup>st</sup>	Corey, Kurti, Czako	Wiley	Ghosh
	978- 0126437324 Required	The Organic Chemistry of Drug Design and Drug Action	2 <sup>nd</sup>	Silverman	Academic Press	
69600 (Bioanyl Chem)	No text required					Regnier
69600 (X-ray)	3-540-20644-2 Required	Crystal Structure Determination	2 <sup>nd</sup>	Werna Massa	Springer	Fanwick