

Tentative Lecture Schedule

Chem 110, Spring 2014

Modified: Jan. 3, 2014

Each **Lecture Topic** is a link to the class presentation given for that topic. The abbreviations in the **References** column refer to the *Chemistry in Context* (CiC) textbook . The number of parentheses in the **Date** column approximates the number of lectures devoted to a particular topic. This schedule is subject to change.

Date	Lecture Topic	References
Part I: Effects of Air Pollution		
Jan 13 (1)	Introduction	Syllabus ; CiC 0.1-0.7, 1.6-1.8, 2.2-2.3; Pollution Overview
Jan 15 - 17 (2)	The Atmosphere	CiC 1.1-1.5, 1.9 - 1.13, 2.4-2.5; lecture questions
Jan 22 - 27 (3)	The Ozone Layer	CiC 2.1, 2.6-2.12; Ozone FAQ lecture questions
Jan 29	HW #1	sources for articles
Jan 31 – Feb 5 (3)	Global Warming	CiC 3.1-3.5, 3.8-3.11; IPCC Summary Reports ; lecture questions
Feb 7– Feb 12 (3)	Air Quality	CiC 1.14, 6.7-6.9; EPA Air Quality Report ; lecture questions
Feb 14	HW #2	sources for articles
Feb 17	Test #1	Old Tests
Part II: Energy Sources		
Feb 19-21 (2)	Overview	CQ Researcher papers : Energy Policy ;

		Energy Security
Feb 24-28 (3)	Fossil Fuels	CiC 4.1-4.9; lecture questions
Mar 3 - 7 (3)	Nuclear Energy	CiC 7; <i>Science</i> article; lecture questions
Mar 17 - 21 (3)	Renewable Energy Sources	CiC 4.9-4.11, 8; UCS summary; <i>Science</i> article; lecture questions
Mar 24	HW #3	sources for articles
Mar 26	Test #2	Old Tests
Part III: Effects of Water Pollution		
Mar 28 - Apr 2 (3)	Water Pollution Intro	CiC 5; lecture questions
Apr 4 - 7 (2)	Acid Pollution	CiC 6; lecture questions
Apr 9	HW #4	sources for articles
Apr 11 - 16 (3)	Sewage Discharges and Oxygen Depletion	EPA primer on sewage treatment; lecture questions
Apr 18 - 23 (3)	Nutrient Pollution and Eutrophication	<i>Issues in Ecology</i> overview; <i>SciAm</i> articles on coastal waters, and red tides; lecture questions
Apr 25	<u>HW #5</u>	sources for articles
April 28 – 2:00 PM, or self-scheduled between April 28th and May 2nd (except for graduating Seniors, who may self schedule between April 28th and April 30th).	Test #3 and FINAL	Old Tests

