

SCIENCE AND SOCIAL ISSUES

NATS 1212

WINTER QUARTER 2007

Instructor: Ronald Nohr
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Text: THE CHEMISTRY OF EVERYTHING by Kimberley Waldron

Office Hours: MTW 9:00-10:30 and by appointment

Lectures: 1:00-1:50 MWF

Laboratory: Boettcher West 15

Exams: There will be three 50 minute exams during the quarter and a cumulative final exam, each worth 200 points. If your final exam score is higher than one of your other exam scores, than that exam score will be dropped and your final exam score will count double. THERE WILL BE NO MAKE-UP EXAMS. If you miss an exam, FOR ANY REASON, it will have to count as the dropped exam. Exam questions will be taken from the material assigned from the text, lecture material, and from laboratory experiments. The questions in the exam will be multiple choice. The final exam is not optional. There will be no quizzes.

Grading: Your final grade will be based on a maximum of 1000 points:

Quarter Exams:	600 pts.
Final Exam:	200 pts
Laboratory	200 pts.

The final grades will be made from a curve representing the overall class performance.

Laboratory: The total lab points will be 200. Attendance is mandatory. You are required to do every lab. You must attend the lab section in which you are enrolled. There are no make-up labs and you must attain at least 50% of the 200 points in order to pass.

Proper eye, skin and foot protection is required. In general this means no shorts or open toed shoes will be allowed in the laboratory.

<u>DATE</u>	<u>CHAPTER/TOPIC</u>	<u>PROBLEMS</u>
Jan 3	Chapter 6 Nuclear Chemistry	1-5
Jan 5	Continue Chapter 6	6, 8
Jan 8	Continue Chapter 6	9, 10
Jan 10	Continue Chapter 6	17, 18, 21
Jan 12	Continue Chapter 6	22
Jan 15	No class	
Jan 17	Chapter 9 Explosives (Organic Chem)	1- 5
Jan 19	Continue Chapter 9	6, 8
Jan 22	Continue Chapter 9	15
Jan 24	Continue Chapter 9	24
Jan 26	Continue Chapter 9	28
Jan 29	Continue Chapter 9	29
Feb 2	Continue Chapter 9	Review Problems Chapters 6 and 9
Feb 5	Review Chapters 6 and 9	
Feb 7	<u>Examination I</u>	
Feb 9	Chapter 7 Water	2, 5
Feb 12	Continue Chapter 7	11, 12, 17
Feb 14	Continue Chapter 7	23
Feb 16	Chapter 8 Air	1, 4, 5
Feb 19	Continue Chapter 8	12, 13, 22, 26, Review Problems
Feb 21	Continue Chapter 8, Review	
Feb 23	<u>Examination II</u>	
Feb 26	Chapter 12 Groceries	1, - 5
Feb 28	Continue Chapter 12	11, 13, 14
March 2	Continue Chapter 12	15, 16, Review Problems
March 5	Continue Chapter 12	
March 7	<u>Examination III</u>	

DATE CHAPTER/TOPIC

March 9 Review for Final Chapters 6, 9, 7, 8, and 12

March 12 Review for Final Chapters 6, 9, 7, 8, and 12

March 14 Final Examination Comprehensive