

NATS 1211

SCIENCE OF CONTEMPORARY ISSUES

Autumn 2007

INSTRUCTOR: Dr. Ronald Nohr
Phone: 303-871-2984
E-mail: RNOHR@DU.EDU

TEXT: Conceptual Chemistry, 3rd Edition, J. Suchocki, 2007, Pearson

LABORATORY: Catalyst, R. Nohr, 2007, Prentice Hall

OFFICE: Physics 307

OFFICE HOURS: Monday: 1:00 to 3:00
Wednesday: 11:00 to 12:00
Thursday: 12:00 to 1:00

EXAMINATIONS: There will be two one-hour exams during the quarter, plus a two hour cumulative final exam. Each exam including the final will count 200 points. Examination questions will be similar to the ones in the practice tests. **THERE WILL BE NO MAKEUP EXAMS.** The only exception to the no makeup policy will be members of a University team or group; e.g., athletic team or music group, scheduled to be away from campus at the time of the exam. You must inform Dr. Nohr of this prior to the exam and make arrangements at that time for a makeup test. If you are ill at the time of the exam, bring documentation as soon as possible after your illness and you will be allowed to substitute the missed test grade with your final exam. grade.

QUIZZES: There will be nine quizzes, usually given on Thursday or Friday. Only seven of the quizzes will be counted. For any reason that you can not take a quiz one of the two quizzes that will not be counted will take its place. **There will be no makeup quizzes.** The seven quizzes will count 200 points.

Examinations:	2 x 200 points	=	400 points
Final (cumulative)	200 points	=	200 points
Quizzes	200 points	=	200 points
Laboratory	200 points	=	200 points
Total Points			1000 points

If your grade on the Final Examination is better than on one of your hour exams, then your final exam will be counted twice and replace your lowest

hour test grade.

GRADES: The assignment of letter grades to a given numerical grade is somewhat flexible procedure and depends on the overall class performance. Grades, however, will not be fitted to a statistical bell-shaped normal distribution curve.

LECTURE SCHEDULE

<u>Week Of</u>	<u>Chapter And Topic</u>	<u>Study Problems</u>
Sept. 10	Ch. 1 and Ch. 2	1-50, 2-55
Sept. 17	Ch. 2 and Ch. 3	2-54, 3-53
Sept. 24	REVIEW Ch. 1-3 and <u>Lecture Material on Global Warming</u>	
Oct. 1	EXAMINATION 1 Start Ch. 4	
Oct. 8	Ch. 4	4-36, 4-39, 4-53, 4-59
Oct. 15	REVIEW Ch. 4 and <u>Lecture Material on Nuclear Power</u>	
Oct. 22	EXAMINATION 2 Start Ch. 5	
Oct. 29	Ch. 5	5-48, 5-53
Nov. 5	REVIEW Ch. 5 and <u>Lecture Material on Alternate Energy Sources</u>	
Nov. 12	EXAMINATION 3 Review for Final	
Nov. 19	FINAL EXAMINATION	

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Laboratory Schedule

<u>WEEK OF</u>	<u>EXPERIMENT</u>
Sept. 17	Colligative Properties: Freezing Point Depression and Molar Mass
Sept. 24	Household Acids and Bases Review for Examination 1
Oct. 1	Decomposing Baking Soda
Oct. 8	Analysis of Commercial Vinegar
Oct. 15	Review for Examination 2
Oct. 22	From Soap to Fatty Acids
Oct. 29	Candy Chromatography
Nov. 5	Molecular Shapes Review for Examination 3
Nov. 12	Review for Final Examination