

**NATS 1213**  
**SCIENCE OF CONTEMPORARY ISSUES**

**Spring 2008**

**Instructor: Dr. Ronald Nohr**  
**Phone: 303 871 2984**  
**E-mail: [rnohr@du.edu](mailto:rnohr@du.edu)**

**Office: Physics Bldg. 307**

**Office Hours: Monday: 11:00 – 12:00**  
**Tuesday: 12:00 – 1:00**  
**Wednesday: 11:00 – 12:00**  
**or by appointment**

**Text: Conceptual Chemistry, 3<sup>rd</sup> ed., J. Suchocki, 2007, Pearson**

**Laboratory Manual: Catalyst, NATS 1213, R. Nohr, 2008**

**Quizzes: There will be 13 quizzes given during the quarter. Only 10 quizzes will be counted toward your final grade. Your lowest three quizzes will be dropped. There will be no make-ups.**

**Examinations: There will be three lecture period examinations plus a two hour final comprehensive examination. Only two of the lecture period examinations will be counted toward your final grade. There will be no make-up examinations given. The only exception to the no make-up policy will be to members of the University athletic team or music groups.**

**Grading: 300 points (2 Examinations)**  
**200 points (10 Quizzes)**  
**300 points (Final Examination)**  
**200 points (Laboratory)**

**Course Content: The course will focus on:**

**Genetics and Genetic Engineering**

**Drug Design and Benefit**

**How Drugs Work and Addiction**

## LECTURE SCHEDULE

<u>WEEK OF</u>	<u>TOPIC</u>	<u>STUDY MATERIAL</u>
March 24	Course Intro. And Review Of Functional Groups and Proteins and Genetic Coding	Chapter 13
31	Genetic Engineering	Chapter 13
April 7	Genetic Engineering and Its Implications	Handout
14	Review, Examination I	Handout
21	Drugs and Drug Design	Chapter 14
28	Drug Benefits	Handout
May 5	Review, Examination II	Handout
12	How Drugs Work	Handout
19	Addiction	Handout
26	Review, Examination III	Handout
June 2	Final Examination	