GENERAL CHEMISTRY 1010

Summer 2007

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   Email: rnohr@du.edu


Summer Quarter: 18 June to 06 July

Examinations: There will be three (3) one hour tests, each test counting 200 points. Test problems will be similar to the problems assigned as homework and problems worked in class. THERE WILL BE NO MAKEUP EXAMS.

Homework: Homework will not be collected. If you understand and can do the homework, you probably will do well on the tests.

Grading: Hour Tests (200 points each): 600 points

There will be no final test as such. The third hour test will be given on July 6 and will only cover the material from the last Test (Test II). The assignment of letter grades depends on your performance on the hour tests and will not be fitted to a statistical bell-shaped normal distribution.
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<td>Introduction to the Course</td>
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<td>The Nature of Light</td>
<td>7.1</td>
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<td>Atomic Spectra, Wave-Particle Duality</td>
<td>7.2-7.3</td>
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<td>Covalent Bonding</td>
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<td>Heats of Reaction, Bond Polarity</td>
<td>9.4-9.5</td>
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<td>Lewis Structures</td>
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**TEST I**
27 Lewis Structures (continued)  
   VSEPR Theory 10.2  
      16, 17, 21, 22  
      34, 37, 38, 39

28 Molecular Polarity 10.3  
   Valence Bond Theory 11.1  
      40, 41, 56, 57  
      7, 8, 12, 13

29 Types of Covalent Bonds 11.2  
   Molecular Orbital Theory 11.3  
      16, 17, 21, 24  
      33, 34, 35, 36

July 2 Water as a Solvent 4.1  
   Precipitation and Acid-Base Reactions 4.2-4.4  
      16, 21, 29, 30  
      32, 35, 36, 49  
      TEST II

3 Oxidation-Reduction Reactions 4.5-4.6  
   Balancing Redox Reactions 21.1  
      67, 70, 71, 76  
      4: 95, 96  
      21: 14, 15

4 HOLIDAY

5 Oxidation-Reduction Reactions  
   Help Session  
   Balancing Redox Reactions

6 REVIEW TEST III