Chemistry 110: Preparatory Chemistry  
Sacramento City College/ UC Davis

**Instructor:** Dr. J. Toofan  
**Email:** jtoofan@ucd.edu  
**Office Hours:** By appointment, at 1909 Galileo Court Suite B, the Sacramento City College, Davis Center.

**Course Description:** This is a lecture course covering introductory principles of inorganic chemistry to provide you with the background necessary to pass the chemistry placement test given by UCD. You will learn chemical problem solving and writing skills. There is no chemistry prerequisite, but you should be able to do basic algebra, use exponential numbers and scientific notation, and solve word problems.

**Time Requirements:** Three hours of lecture are required every week. An additional nine hours per week will be required to read your textbook, answer homework questions, and study for quizzes and exams.

**Class Times and Place:**  
Section 7  T/TH  7:30 – 8:50  Wellman 233  
Section 8  T/TH  9:00 – 10:20  Wickson 1020  
Section 9  T/TH  10:30 – 11:50  Wickson 1020

Chemistry 110 Lecture Notes by Z. Caldwell, Fall 2003

**Optional Text:** Study Guide by Cracolice  
Available at www.brookscole.com/chemistry/cracolice

**Homework:** Homework assignments are given each week. The specific problems can be found on the course calendar. A fraction of the problems assigned for each week will be graded. Homework due dates can be found on the course calendar. Each homework assignment is worth 10 points. In order to receive full credit for each assignment it should 1) be legible, 2) be correct, 3) show all work, 4) final answers should be boxed, and 5) all papers should have your name on them and be stapled. **Late homework will be accepted with penalty.**  
The **penalties are:** one class late: 50% of points possible, two classes late: 25% of points possible, more than two classes late: no credit.

**Quizzes:** Two quizzes will be given, each worth 25 points. The specific dates can be found on the course calendar. They will cover material from lecture and your text. **No late or make-up quizzes will be given.**
Exams: Two exams will be given, each worth 100 points. The format of each exam may include multiple choices, problem solving, short answer, and essay. Bring a Scantron answer sheet, Form #882 to each exam. No make-up exams will be given.

Final Exam: Wednesday, December 10 1:30-3:30 (Location TBA)

Grading: There will be two grades assigned for this class. The SCC grade will be based on straight percentages (A = 90-100%, B = 80-89%, C = 70-79%, D = 60-69%, F < 60%). The UC Davis grade will be pass (>60%)/fail (<60%). The point distribution will be approximately as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>100</td>
</tr>
<tr>
<td>Quizzes</td>
<td>50</td>
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<tr>
<td>Exams</td>
<td>200</td>
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<tr>
<td>Final</td>
<td>200</td>
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<tr>
<td>Total</td>
<td>550</td>
</tr>
</tbody>
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How to Succeed in Chemistry 110

1. Attend every lecture.
2. Study the textbook and notes.
   a. Read relevant sections before lecture.
   b. Reread immediately after lecture, making comparisons to your notes.
3. For each chapter prepare a half page outline of the basic concepts presented in that chapter.
4. Work all assigned homework problems. Work problems within the chapter as you read. Work additional problems if you had difficulty with those assigned.
5. Participate in individual and group activities in class and out of class. Form a study group or study with a partner. Exchange phone numbers with at least one other student right away.
6. Recopy your lecture notes, adding additional information from the text and other sources.
7. Take your lecture notes with you everywhere; you never know when you might have ten minutes to kill.
8. Studies in increments, on a daily basis… do not wait until the night before the exam to start studying.
9. Seek help early if you are having difficulty in the class.
10. Keep my office phone number readily accessible at home. You never know when a family emergency or illness may prevent you from attending class.

Final Words: I am here to help you. Please feel free to contact me as often as you wish.

Ask Questions!