Dr. Randy Hicks  
Science Building 1, Room 506A  
hicks2@pdx.edu

Meetings:  
Lecture MWF 2:00 - 3:05 p.m., Hoffman Hall 109  
Lab (CH 228) as individually enrolled

Office Hours:  
Monday 3:15 - 4:30 p.m. and Wednesday 9:30 - 11:00 a.m.

Text:  

D2L:  
I will use PSU’s online course management tool, D2L, to distribute and archive class materials and to post suggested practice problems. D2L also has discussion boards where students can interact with each other. I may drop in to pose questions and stimulate discussion. News, announcements, schedule changes, etc. will be posted here. Please check the site regularly.

Exams:  
There will be two in-class midterm exams and a cumulative final exam. The final exam is scheduled for Wednesday, March 21, 12:30 - 2:20 p.m. The dates and materials to be covered during each exam are provided on the schedule below.

If you have an unavoidable work or family commitment or if you have a school-sponsored field trip or athletic event that will prevent you from taking the exam at its scheduled time, please let me know as soon as possible. We will make arrangements for you to take the exam early.

If you miss an exam, please contact me within 24 hours. If you have a legitimate excuse (illness, personal or family emergency, etc.), then you can make up the exam. We will find a suitable time to do so. All exams must be completed before I will pass them back in class, so it is desirable to make up an exam as soon as possible. Failure to promptly notify me of missing an exam or having no legitimate excuse for missing an exam will result in a score of zero for that exam.

Quizzes:  
There will be six in-class quizzes throughout the term, roughly addressing each of the six chapters that will be covered in this course. The dates of these quizzes are noted on the course schedule below. There will be no make-up quizzes. However, your lowest score will be dropped.
Homework: Homework will take the form of practice problems. These will come from two different sources - the textbook, directly, and the publisher’s online system, Mastering Chemistry. This name is appropriate as working through problems is a very effective method of learning chemistry. Success in this course is strongly correlated with time spent working problems. Instructions for accessing these online problems are provided below.

The problems from the textbook will not be graded. However, you should still work through these in preparation for quizzes and exams. The answers to these problems are provided in the back of the text and in the solutions manual. The Mastering Chemistry problems will be graded for credit. Deadlines for these assignments are noted on the schedule below and will not be extended; late work will receive no credit. You will have access to each assignment at least one week before the due date. Each assignment will be due at 11:00 PM on the day that it is due.

To earn full homework credit, you need only score at least 75% of the total available points. For example, if there are 800 total points available, you would need to accumulate a minimum of 600 points (75%) to earn full credit toward your overall grade in the course.

Alternatively, credit for homework can also be earned through participation in the chemistry workshop (CH 285). The workshop course meets for 50 minutes once a week and focuses on problem solving in chemistry. I encourage you to enroll in a workshop.

Evaluation: Your grade in this course will be based on your combined performance on homework, quizzes, and exams. Homework is worth 50 points, quizzes are worth 100 points (20 pts each, low score dropped), midterm exams are worth 100 points each, and the final exam is worth 150 point, for a total of 500 points. The table below summarizes the grading breakdown.

<table>
<thead>
<tr>
<th>Grade</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Points</td>
<td>≥ 450</td>
<td>≥ 400</td>
<td>≥ 325</td>
<td>≥ 275</td>
<td>&lt; 275</td>
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<tr>
<td>Percentage</td>
<td>≥ 90%</td>
<td>≥ 80%</td>
<td>≥ 65%</td>
<td>≥ 55%</td>
<td>&lt; 55%</td>
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Dishonesty: I expect that the work you do in this course is your own. Academic dishonesty, which includes a variety of actions, will not be tolerated in this course. Cheating during any assignment, including examinations, will be reported and the student(s) will receive an “F” for the assignment.

Accommodation: If you have a physical or learning disability and you need accommodations, please be certain you are registered with Disability Services and make appropriate arrangements with me.
Attendance: While regular attendance in class likely correlates positively with performance, that alone will not ensure success. Learning is not one-directional: knowledge doesn’t just flow from me to you. You need to actively work with the material, engage yourself with it, converse with your classmates. Come to class prepared, having read the text beforehand. Work problems regularly- don’t wait until the night before the exam to study. Also, if you have a question, please ask. Ask me. Ask a classmate. Ask a tutor.

Help!: If you need help with the material, please seek it. You are most welcome, encouraged even, to visit me during office hours. Additionally, chemistry tutors are available to you in SB 1 Room 221 Monday through Thursday 10:00 a.m. - 6:00 p.m. and on Friday 11:00 a.m. - 1:00 p.m.

Final Thought: When I teach, I do so honestly, respectfully, fairly, and with dedication and high standards. I expect that you will also exemplify these characteristics and help to create a classroom atmosphere that is conducive to learning. In light of this, I do not have many rules. But I do have one: if you bring your phone to class, please silence it or set it to vibrate.
**Tentative Course Schedule**

I will do my best to stick to this schedule, but I reserve the right to modify it as necessary.

<table>
<thead>
<tr>
<th>Week</th>
<th>Monday</th>
<th>Wednesday</th>
<th>Friday</th>
<th>Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-9</td>
<td>Chapter 6 - <em>Thermochemistry</em></td>
<td>Ch 6</td>
<td>Ch 6</td>
<td>Check-in/ Enthalpy of Neutralization</td>
</tr>
<tr>
<td>1-16</td>
<td><strong>NO CLASS</strong> (MLK, Jr. Birthday)</td>
<td><strong>Quiz #1</strong></td>
<td>Chapter 5 - <em>Gases</em></td>
<td><em>No labs this week</em></td>
</tr>
<tr>
<td>1-23</td>
<td><strong>MC 6 due</strong> Ch 5</td>
<td><strong>Quiz #2</strong></td>
<td>Ch 5</td>
<td>Hess’ Law</td>
</tr>
<tr>
<td>1-30</td>
<td><strong>MC 5 due</strong> Chapter 11 - <em>Liquids, Solids, and IMFs</em></td>
<td><strong>MIDTERM EXAM I</strong> (Ch 5 and 6)</td>
<td>Ch 11</td>
<td>Gas Laws</td>
</tr>
<tr>
<td>2-6</td>
<td>Ch 11</td>
<td><strong>Quiz #3</strong></td>
<td>Chapter 12 - <em>Solutions</em></td>
<td>Decomposition of H₂O₂</td>
</tr>
<tr>
<td>2-13</td>
<td><strong>MC 11 due</strong> Ch 12</td>
<td><strong>Quiz #4</strong></td>
<td>Ch 12</td>
<td>Vapor Pressure and Heat of Vaporization</td>
</tr>
<tr>
<td>2-20</td>
<td><strong>MC 12 due</strong> Chapter 13 - <em>Chemical Kinetics</em></td>
<td><strong>MIDTERM EXAM II</strong> (Ch 11-12)</td>
<td>Ch 13</td>
<td>Freezing Point Depression</td>
</tr>
<tr>
<td>2-27</td>
<td>Ch 13</td>
<td><strong>Quiz #5</strong></td>
<td>Ch 13</td>
<td>Chemical Kinetics</td>
</tr>
<tr>
<td>3-5</td>
<td><strong>MC 13 due</strong> Chapter 14 - <em>Chemical Equilibrium</em></td>
<td><strong>Quiz #6</strong></td>
<td>Ch 14</td>
<td>Chemical Equilibrium</td>
</tr>
<tr>
<td>3-12</td>
<td>Ch 14</td>
<td>Ch 14</td>
<td><strong>MC 14 due</strong> Ch 14</td>
<td>Make-up lab/ Check-out</td>
</tr>
</tbody>
</table>

The final exam has been scheduled for Wednesday March 21st at 12:30 - 2:20 p.m. Please do not make travel plans that conflict with the final exam.
Dear Student:
In this course you will be using MasteringChemistry™, an online tutorial and homework companion to your textbook.

What You Need:
- A valid email address
- A student access code (Comes in the Student Access Kit packaged with your new textbook. Otherwise, you can purchase access online at www.masteringchemistry.com.)
- The zip code for your school: 97207
- A Course ID: MCHICKS87317

Student Registration
- Click Register to register for MasteringChemistry with your student access code. (Don't have a new access code? You can purchase access by clicking Buy Now. Your purchase path will differ slightly from the registration instructions that follow.)
- Agree to the License Agreement and Privacy Policy by clicking the checkboxes.
- Leave “No, I am a New User” selected, then type in your Access Code in the fields provided. (Enter one “word” per box, without the dashes.)
- Enter your School Zip Code, select your Country and click Next.
- Enter your Name and Email and select Your School.
- Create a personal Login Name and Password, answer the Security Question and click Next. Upon completion, the Confirmation & Summary page confirms your registration information. This information will also be emailed to you for your records.

Enroll in Your Instructor’s Course and/or Access Self-Study Area
If you receive a Course ID from your instructor, you will use this to “enroll” in your instructor’s MasteringChemistry online course so that you can be included in his or her gradebook. If you don’t receive a Course ID, you may still be able to access self-study resources.
- Go to www.masteringchemistry.com. If asked to identify your text, select the title and edition of your course textbook.
- Under Returning User?, enter the login name and password you created, then click Log In.
- Either enter your instructor’s MasteringChemistry Course ID or click Proceed to Self-Study Area (if an independent self-study option is available for your textbook). Your instructor may also request that you enter a special Student ID for this course, either now or later. If so, be sure to enter this information EXACTLY as your professor has instructed.

Congratulations! You have completed registration and have enrolled in your MasteringChemistry course.

To access your course from now on: Simply go to www.masteringchemistry.com, select your textbook if prompted, and enter your login name and password.

System Requirements & Support
- Log in to www.masteringchemistry.com and click the “System requirements” link at the bottom of the home page. In particular, you may need to check that the latest version of the Flash player is available to your browser.
- Customer Technical Support: http://www.masteringsupport.com