
Class Hours: Lecture: Monday, Wednesday 3.10-4.25  Room: Remsen 017

Instructor: Dr. Thushara Abeyweera

Email: tabeyweera@qc.cuny.edu

- **Grading.** Your final score is based on the following calculation: 3 Lecture Exams: 45%; Aleks Homework Assignments: 20%; Final exam: 20%, Quizzes: 10%, Participation: 5%.

  Please note: A final grade of “C” or better is required to continue on to Chem. 102.

- Homework assignments must be completed by the due date online using **ALEKS**.

- **No makeup** is given for missed lecture exams. If you miss one exam, your final exam score will be duplicated to replace the missed exam score.

- **Note:** Bring a scientific (but not a graphing TI) calculator and the textbook to all classes and exams. A student that will not have a non-scientific calculator during a scheduled exam, will perform the exam **WITHOUT** a calculator!

**TENTATIVE EXAMINATION DATES:**

Lecture Exam 1: Wednesday, September 28th (Chapters 1-2)
Lecture Exam 2: Wednesday, October 26th, (Chapters 3-5)
Lecture Exam 3: Wednesday, November 25th, (Chapters 6-8)
Final Exam: To be announced. (Cumulative, Chapters 1-10)
<table>
<thead>
<tr>
<th>Week Date</th>
<th>Monday</th>
<th>Wednesday</th>
<th>Thursday</th>
</tr>
</thead>
</table>
| **August 31st – September 2nd** | Syllabus Distribution.  
**Chapter 1:** Sections 1.1-1.4  
Matter and Measurements | Continuation of **Chapter 1:**  
Sections 1.5-1.10 - Matter and Measurements | Monday Classes  
Quiz 1: Chapter 1  
**Chapter 2:** 2.1 -2.2 Atoms and the Periodic Table |
| **September 7th – 10th**   | Labor Day  
College Closed | Continuation of **Chapter 1:**  
Sections 1.11-1.14 - Matter and Measurements | Monday Classes  
Quiz 1: Chapter 1  
**Chapter 2:** 2.1 -2.2 Atoms and the Periodic Table |
| **September 14th–16th**    | No Classes                                  | Continuation of **Chapter 2:**  
2.3-2.9 Atoms and the Periodic Table                 |                                                     |
| **September 21st–23rd**    | **Chapter 3:** 3.1-3.4 Ionic Compounds       | No Classes                                           |                                                     |
| **September 28th–30th**    | **Exam 1: Chapter 1 and 2**                 | **Chapter 3:** 3.5-3.11 Ionic Compounds               |                                                     |
| **October 5th – 7th**      | **Quiz 2: Chapter 3**                       | Continuation of **Chapter 4:**  
4.5-4.11 Molecular Compounds                         |                                                     |
| **October 12th -14th**     | Columbus Day  
College Closed | **Quiz 3: Chapter 4**                                | **Chapter 5:** 5.1-5.3 Classification & Balancing of Chem. Reactions |
| **October 19th -21st**     | Continuation of **Chapter 5:**  
5.3-5.8 Classification & Balancing of Chem. Reactions (omit 5.6-5.7) | Exam 2 Review  
Start chapter 6 |                                                     |
| **October 26th -28th**     | **Exam 2: Chapters 3-5**                    | **Chapter 6:** 6.1-6.5 Chemical Reactions: Moles and Mass Relationships |                                                     |
| **November 2nd -4th**      | **Quiz 4: Chapter 6**                       | Continuation of **Chapter 7:**  
7.5 -7.9 Chemical Reactions: Energy, Rates and Equilibrium | Continuation of **Chapter 7:**  
7.5 -7.9 Chemical Reactions: Energy, Rates and Equilibrium |
| **November 9th -11th**     | Continuation of **Chapter 7:**  
7.5 -7.9 Chemical Reactions: Energy, Rates and Equilibrium | **Quiz 5: Chapter 7**                                | **Chapter 8:** 8.1-8.5 Gases, Liquids and Solids |
| **November 16th -18th**    | Continuation of **Chapter 8:**  
8.6-8.15 Gases, Liquids and Solids (Omit 8.11) | Continuation of **Chapter 8:**  
8.6-8.15 Gases, Liquids and Solids (Omit 8.11) |                                                     |
<table>
<thead>
<tr>
<th>Date Range</th>
<th>Task Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 23rd - 25th</td>
<td>Finish Chapter 8 Review for Exam 3</td>
<td><strong>Exam 3: Chapter 6-8</strong></td>
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<tr>
<td>November 30th – December 2nd</td>
<td><strong>Chapter 9:</strong> 9.1-9.7 Solutions (Omit 9.6)</td>
<td>Continuation of <strong>Chapter 9:</strong> 9.8-9.11 (omit 9.10, 9.12, 9.13) Solutions</td>
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<td>December 7th - 9th</td>
<td><strong>Chapter 10:</strong> 10.1-10.9 Acids and Bases</td>
<td><strong>Quiz 6: Chapter 9</strong> Continuation of <strong>Chapter 10:</strong> 10.10-10.14 Acids and Bases (omit 10.10, 10.11, 10.14)</td>
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<td>December 14th</td>
<td>Last day of classes Finish chapter 10 and review</td>
<td><strong>December 16th - 23rd (TBA)</strong> <strong>Final Exam:</strong> Cumulative; Chapters 1-10</td>
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- **Finish Chapter 8 Review for Exam 3**
- **Exam 3: Chapter 6-8**
- **Chapter 9:** 9.1-9.7 Solutions (Omit 9.6)
- Continuation of **Chapter 9:** 9.8-9.11 (omit 9.10, 9.12, 9.13) Solutions
- **Chapter 10:** 10.1-10.9 Acids and Bases
- **Quiz 6: Chapter 9** Continuation of **Chapter 10:** 10.10-10.14 Acids and Bases (omit 10.10, 10.11, 10.14)
- Final Exam: Cumulative; Chapters 1-10