Use the following schedule to keep track of the dates for lectures, labs, quizzes and exams for this class. The dates of exams and quizzes are fixed, but the material covered on each exam and quiz is subject to change. The lectures are tentatively scheduled to cover material from the chapter listed on each date. You should plan to read ahead for each lecture and lab.

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| **Week** | **Day** | **Date** | **Lecture Topic and Assigned Reading**  **(tentative)** | **Exams/**  **Quizzes** | **Lab Experiment** |
| **1** | T | 8/22 | Course Introduction  Ch 1: What is Chemistry?  Ch 2: The Numerical Side of Chemistry |  | *Lab Intro, Safety*  *Dimensional Analysis* |
|  | Th | 8/24 | Chapter 1 |  |  |
| **2** | T | 8/29 | Chapter 2 |  | *Measurements and Density (Lockers)* |
|  | Th | 8/31 | Chapter 3: The Evolution of Atomic Theory | **Quiz 1** |  |
| **3** | T | 9/5 | **No Classes** |  | ***No Classes*** |
|  | Th | 9/7 | Chapter 3 |  |  |
| **4** | T | 9/12 | Chapter 3 |  | *Atoms and the Electromagnetic Spectrum* |
|  | Th | 9/14 | Chapter 4: The Modern Model of the Atom |  |  |
| **5** | T | 9/19 |  | **Exam 1** | *Separation of a Ternary Mixture* |
|  | Th | 9/21 | Chapter 4 |  |  |
| **6** | T | 9/26 | Chapter 4  Chapter 5: Chemical Bonding and Nomenclature |  | *Ionic and Molecular Compounds* |
|  | Th | 9/28 | Chapter 5 |  |  |
| **7** | T | 10/3 | Chapter 5  Chapter 6: The Shape of Molecules | **Quiz 2** | *Lewis Structures* |
|  | Th | 10/5 | Chapter 6 |  |  |
| **8** | T | 10/10 | Chapter 8 |  | *Chemical Reactions* |
|  | Th | 10/12 | Chapter 8 |  |  |

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| **9** | T | 10/17 |  | **Exam 2** | *Synthesis of Indigo* |
|  | Th | 10/19 | Chapter 9 |  |  |
| **10** | T | 10/24 | Chapter 9  Chapter 10: Electron transfer in Chemical Reactions |  | *Electrochemistry and the Activity Series* |
|  | Th | 10/26 | Chapter 10 |  |  |
| **11** | T | 10/31 | Chapter 11: The Ideal Gas |  | *Gas Laws* |
|  | Th | 11/2 | Chapter 11 | **Quiz 3** |  |
| **12** | T | 11/7 | Chapter 11  Chapter 7: Intermolecular Forces |  | *TBA* |
|  | Th | 11/9 | Chapter 7 |  |  |
| **13** | T | 11/14 | Chapter 7 |  | *Preparation and Concentration of a Solution (week 1)* |
|  | Th | 11/16 | Chapter 12 |  |  |
| **14** | T | 11/21 |  | **Exam 3** | *TBA* |
|  | Th | 11/23 | **Thanksgiving Holiday, No Classes** |  |  |
| **15** | T | 11/28 | Chapter 12 |  | *Preparation and Concentration of a Solution (week 2)* |
|  | Th | 11/30 | Chapter 12 |  |  |
| **16** | T | 12/5 | Chapter 15 | **Quiz 4** | *Acetic Acid Titration* |
|  | Th | 12/7 | Chapter 15 |  |  |
| **17** | T | 12/12 | Catch-up or Chapters 13, 14 |  | *Locker Check* |
|  | Th | 12/14 | Review for Final |  |  |
| **18** | T | 12/19 | No Class, Finals Week |  | *No Lab, Finals Week* |
|  | Th | 12/21 | Final Exam, 10-12:45 |  |  |