

# CH147 Home

This is the home page of CH147 - Comprehensive General Chemistry

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No blog posts found.

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[Weekly class assignments](#)

[CH147 Syllabus](#)

[CH147 Laboratory Page](#)

[Homework \(MasteringChemistry\)](#)

- [MasteringChemistry set-up instructions](#)

[CH147 message board](#)

[Kevin's Calendar](#)

[Examinations](#)

## Approximate Lecture Schedule

| Week           | Chapter               | General topic                    |
|----------------|-----------------------|----------------------------------|
| 1: February 6  | 6                     | Electrons & Atoms                |
| 2: February 11 | 6-7                   | Quantum & Orbital Theory         |
| 3: February 18 | 8-9                   | Chemical Bonding                 |
| 4: February 25 | 10-11                 | Gas Laws & Intermolecular Forces |
| 5: March 4     | 14                    | Reaction Rates & Mechanisms      |
| 6: March 11    | 15                    | Chemical Equilibria              |
| 7: March 18    | 4,16                  | Acid/Base Chemistry              |
| 8: March 25    | <b>Spring Break!!</b> |                                  |
| 9: April 1     | 17                    | Buffers & Titrations             |
| 10: April 8    | 5,19                  | Enthalpy & Entropy               |
| 11: April 15   | 19                    | Free Energy & Spontaneity        |
| 12: April 22   | 4,20                  | Redox Chemistry                  |

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|              |       |                                       |
|--------------|-------|---------------------------------------|
| 13: April 29 | 20    | Electrochemistry                      |
| 14: May 6    | 21,23 | d-Block Chemistry & Nuclear Chemistry |