



## CHE 1031: The Cornell Note-Taking System

One of the challenges of succeeding in content-rich college courses is effective note-taking. Good notes help you integrate and remember material and increase your organization and confidence.

### Part 1: Learn

Watch this video explanation of the Cornell note-taking system from the Sacramento City College.

<https://www.youtube.com/watch?v=lsR-1opiMp4>

And have a look at this summary from Cornell University:

<http://isc.cornell.edu/wp-content/uploads/2016/10/Cornell-NoteTaking-System.pdf>

### Part 2: Test drive

Test-drive the Cornell note-taking system for one week's worth of chemistry lecture (3 lectures) to see how well it works for you. You can do this in a number of ways.

- 1) Use your regular notebook paper to create a Cornell format.
- 2) Download and use one of these Cornell templates for Word. You can either print them or type right into them.

[http://templatelab.com/cornell-notes/#Cornell\\_Notes\\_Templates](http://templatelab.com/cornell-notes/#Cornell_Notes_Templates)

- 3) Print out my two-slide lecture outline and 'Cornell it' as shown here.

**Cues**

**Notes**

1/7/18

**Chemistry**

Chemistry (n): the study of matter & the **changes** it undergoes

- Most often studied at the atomic & molecular level

Inorganic chemistry

Organic chemistry

Physical chemistry

Materials chemistry

Nuclear chemistry

Chemical engineering

Biochemistry

Chemistry Operates

*Change is the critical word here.*

*This semester we're studying inorganic chem.*

**The scientific method**

Developed to ask and answer questions & explain observations.

1 Observation and curiosity

2 Formulate a hypothesis

3 Test (perform experiments, make observations, or use computer simulations)

4 Further study leads to a new hypothesis

5 Contributes to body of knowledge

6 Hypothesis becomes theory

7 Observation becomes law

8 Multiple observations confirm hypothesis

9 Multiple observations confirm hypothesis

10 Multiple observations confirm hypothesis

Chemistry Operates

*Know the order of steps and definitions.*

**Summary**

1. Chemistry is the science of **change**.
2. The scientific method usually doesn't work the first time and must be repeated = **iterative**.

### Part 3: Assess

Write up your assessment of your test-drive in a paragraph and submit it with a copy your notes. You can submit electronically or using paper, but please don't submit photographs.