

# Kentucky Class Notes

Earn an A+ with Class Notes  
<http://KyClassNotes.com>  
859.252.NOTE

CHE 107 Woodrum  
Spring 2012  
Test 1

## Wednesday, January 11 – First Day of Class

- The syllabus was passed out and course policies were discussed. The main points include the exams are Thursday nights at 8:00 PM, except the final exam which is the Monday night of finals week. Your lowest grade can be replaced by the part of the final that covers the same material and the lowest homework score will be dropped. You may earn up to 1 bonus percentage point for the whole semester by going to the General Chemistry Learning Center 10 times (0.1 of a point is earned each time up to ten times). Cheating will not be tolerated and clickers will be used each day to take attendance. There are 11 Mastering Chemistry homework sets that will due throughout the semester. The full version of the syllabus for Spring 2012 can be found on blackboard.

## Chapter 11 – Liquids, Solids and Intermolecular Forces

Attractive forces that exist between molecules and atoms are **intermolecular forces**. Forces between atoms in a molecular are called **intramolecular forces**.

- A good way to remember the difference is to think that “inter” means between or among forces. So intermolecular forces are “inter” between “molecular” molecules.

**Thermal energy** – increasing random movement of atoms which increases with increasing temperature. This is how intermolecular forces are related.

- When the thermal energy is high (large random movement of the molecules) the state tends to be gaseous.



859.523.3353