

Kentucky Class Notes

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CHE 232 Ladipo
Spring 2009
Test #1

CHE 232-001 Organic Chemistry II

14 January 2009

- First Day of Class
 - Dr. Ladipo handed out the syllabus (available online at the course website: www.chem.uky.edu/courses/che232/ftl/welcome.html)
 - Important Dates: March 9th - Midterm, March 16th - 21st Spring Break, April 1st - last day to withdraw
 - EXAMS (all are Wednesdays in class): February 11th, March 11th, April 15th, May 6th (Final, 1-3pm)
 - This course will cover chapters 13-15 (tentatively) Schedule available online
 - Weekly homework on Canvas Organic online)

16 January 2009

- Chapter 13 Mass Spectrometry
 - An atom M (initially neutral) forms a radical cation (generally not stable) through the addition of an electron:
$$M + e^- \rightarrow M^{\bullet+}$$
 - *Example #1* Neopentane (see attached drawing)
 - *Electrons are most readily ejected from: Oxygen, Nitrogen, the Halogens
 - *Can eject an electron from:
 - A lone pair