

Chem 130 Abbreviated Syllabus

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Class Meetings: MWF from 2:15 – 3:15 in Julian 374

Lab Meetings: Th from 9:00 – 11:50 in Julian 358

Course Outline and Goals: Chem 130 provides an introduction to inorganic chemistry. This is, of course, too broad a field to cover in a single semester. Our goals, which are modest, are to:

- identify and name relevant elements and inorganic compounds
- understand atomic structure
- use the periodic table as a tool for predicting the properties of elements
- understand the structure and bonding properties of inorganic compounds
- be able to predict how inorganic compounds react
- appreciate the importance of inorganic chemistry to other disciplines

In addition to these more discipline-specific goals, we have several broader goals; these are to:

- appreciate the utility of developing models as predictive tools
- learn how to think critically about conceptual and abstract ideas
- improve your skills at solving problems
- become comfortable with working in the laboratory
- become adept at evaluating and processing large amounts of information

Course Web-Site. Many useful materials, including a detailed schedule, copies of course materials, and answer keys to worksheets, suggested problems, and exams, are available at the course's web site. The link to the site is

<http://fs6.depauw.edu:50080/~harvey/Chem%20130/index.html>

Course Evaluation. Your evaluation in this course is based on three regular exams (tentative dates are February 27th, April 2nd, and April 30th), a cumulative final exam, quizzes, and lab work.

Official Syllabus. A more detailed, official syllabus is available on the course's web site. You are responsible for reading and understanding the syllabus.