INSTRUCTOR: Neil Schore, e-mail: neschore@ucdavis.edu

LECTURES: See QA Nottingham schedule

INSTRUCTOR OFFICE HOURS: To be announced


EVALUATION: Three 100-point exams distributed evenly throughout the course.

LEARNING OBJECTIVES:

Chemistry 128A covers chapters 1-9 in the textbook. Order of coverage will probably not be as it is in the textbook; more likely it will be somewhat like what is shown below. A solid understanding of the material in Chem 2 will be assumed. The course material is organized into the following "learning objective units," with the relevant chapter reading assignments provided:

1 Covalent Bonding and Shapes of Molecules (Read: Ch. 1)

2 Alkanes and Cycloalkanes (Read: Ch. 2)

3 Stereochemistry and Chirality (Read: Ch. 3)

4 Haloalkanes, Halogenation, and Radical Reactions (Read: Ch. 8)

5 Acids and Bases (Read: Ch. 4)

6 Nucleophilic Substitution and \( \beta \)-Elimination (Read: Ch. 9)
7 Alkene and Alkyne Chemistry

Alkenes: Bonding, Nomenclature, and Properties (Read: Ch. 5)

Reactions of Alkenes (Read: Ch. 6)

Alkynes (Read: Ch. 7)