INSTRUCTORS: Neil Schore neschore@ucdavis.edu and Mark Kurth mjkurth@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 128B covers chapters 10-19 in the textbook. A solid understanding of the material in Chemistry 128A is assumed. The course material is organized into the following "learning objective units," with the relevant chapter reading assignments provided:

1 Alcohol and thiol chemistry (Read: Ch. 10)
2 Ether, sulfide and epoxide chemistry (Read: Ch. 11)
3 Organic spectroscopy
   Infrared Spectroscopy (Read: Ch. 12)
   NMR Spectroscopy (Read: Ch. 13)
   Mass Spectrometry (Read: Ch. 14)
4 Introduction to Organometallic Compounds
5 Carbonyl group chemistry
   Aldehydes and ketones (Read: Ch. 16)
   Carboxylic acids and their derivatives (Read: Ch. 17 and 18)
   Enolates and enamines (Read: Ch. 19)
6 Synthesis