INSTRUCTOR: Mark Mascal, e-mail: mjmascal@ucdavis.edu

LECTURES: See QA Nottingham 2018 schedule

INSTRUCTOR OFFICE HOURS: To be announced

TEXTBOOKS: Required: Brown, Foote, Iverson and Anslyn Organic Chemistry, Sixth or Seventh Ed. 

EVALUATION: Three 100-point exams distributed evenly throughout the course. Final grades will be determined on a curve.

LEARNING OBJECTIVES:
Chemistry 128C covers Chapters 15 and 20-29 in the textbook. A solid understanding of the material in Chemistry 128A and B will be assumed. The course material is organized into the following "learning objective units," with the relevant chapter reading assignments provided:

1 Metal-based Carbon-Carbon Bond Formation
   Organometallic Chemistry (Read: Ch. 15)
   Catalytic Carbon-Carbon Bond Formation (Read: Ch. 24 and review Ch. 16-19)

2 Conjugated Systems (Read: Ch. 20-22)

3 Amine Chemistry (Read: Ch. 23)

4 Biomolecules
   Carbohydrates (Read: Ch. 25)
   Lipids (Read: Ch. 26)
   Amino Acids and Proteins (Read: Ch. 27)
   Nucleic Acids (Read: Ch. 28)
5 Polymer Chemistry (*Read*: Ch. 29)