

and the support you need, you are invited to contact the UH KOKUA Program (<http://www.hawaii.edu/kokua/> or (808) 956-7511), or talk with the instructor in order to get any accommodation you might need to take the course. This information will be kept confidential. Please do this as early in the course as possible.

COVID disclaimer The syllabus and course policies may be modified in the event of any unforeseen shutdowns or issues related to COVID that impact the class. These modifications including but are not limited to changing exam date, homework due dates, or change the number of midterms and grading. Students shall be notified in writing and in advance of any such changes.

Acceptable resources: Acceptable resources for students to use in this class are limited to the lecture notes and slides, assigned readings, organic chemistry textbooks, and the primary literature.

Student Learning Outcomes:

1. To understand the consequences (reactivity, properties) of the three-dimensionality of molecules,
2. To be able to interpret patterns of reactivity on the basis of mechanistic reasoning,
3. To be able to deduce molecular structures from 2D NMR spectroscopic data,
4. To understand the design of instrumentation commonly used in an organic chemistry lab, e.g. NMR, MS, GC, HPLC, and how these design factors impact the resulting data.