

Course: CHEM 621

Instructor: James Gleason

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Brief course description: This course will review basic concepts in organic mechanisms, including structure, bonding and basic reactivity, and then delve into mechanisms of reactions with a focus on molecular orbital descriptions and electronic structure. Evaluations will include a series of problem sets, quizzes and a term project where students will examine the mechanism of a fundamental organic transformation using DFT calculations.

Method of Delivery: Live Zoom lectures. If all registered students are able to attend, classes may be in-person, pending University approval and provincial guidelines.