

Organic Chemistry for Majors 1
Chemistry 1500

Instructor: Andrew Korich; Office: Innovation Hall 348; andrew.korich@uvm.edu

Pronouns: he/him

BlackBoard Site: bb.uvm.edu

Lecture: MWF 10:50-11:40 am in Innovation E430

Office Hours:

Organic Chemistry is not inherently difficult, but it is different than any chemistry you have seen so far. Although the lecture only meets for 3 hours a week, you will need to do a substantial amount of work outside of class (figure at least 2 to 3 hours per lecture) to learn and practice the material. I strongly urge you to keep up with reading the textbook outside of class and work as many of the suggested problems as possible –you will need to learn new concepts and then apply those concepts in new situations, which will take a slow and steady approach...*cramming does not work well in this subject!* Understanding the material and being able to apply that understanding to solve problems are two different things! Problem solving is the best way to learn this material!

Key Concepts:

Arrow Pushing: Arrow pushing is one of the most important “tools” of organic chemistry because it allows you to show a pictorial representation of a reaction mechanism. When done properly, arrow pushing will allow you to keep track of **electrons** as bonds are made and broken throughout the course of a reaction, as well as keep track of any formal charges that develop. Having a good grasp of arrow pushing will make learning the large number of reactions you will see in this course easier, because you will then understand the underlying mechanism of the reaction rather than trying to memorize it as a “fact”.

For each chapter you should work as many of the suggested problems as possible. I strongly urge you to keep up with your reading and problem solving. Learning organic chemistry takes a combination of **patience, practice, and repetition**. Cramming does not work well in this subject!

Academic Conduct: Cheating will be considered grounds for failing the course. All graded assignments must be your own work. Cases of cheating or plagiarism *will* lead to further disciplinary action which may include dismissal from the University according to the rules set forth in The University of Vermont's *Code of Academic Integrity*.

NOTE: You may discuss take home quizzes and sapling assignments with your peers and use these as group study aids. However, these exercises are *learning opportunities* and should be used as such. If you just blindly copy your friend's work you *will not* get anything from the exercise, which will become painfully clear to you on the exam!

Policy of Electronic Device Usage on Exams: In short, you can't use them! The use o