

### “Rigorous but Reasonable”

1. It's Organic Chemistry! Do you expect it to be easy? Of course not!
2. “Online” does not mean “Easy”!
  - These online Organic I and II courses are demanding courses with high expectations
3. I cover the same material in the online courses that I teach during full face-to-face fall-spring semesters. No more, no less; no harder, no easier.
4. I want to make things as understandable as possible, and provide as many resources as possible so that students can succeed. This includes:
  - lots of sample problems in class (as many as possible)
  - lots of good notes, so that we can spend a lot of class time on application
  - practice sets outside of class, with answer keys and videos discussing.
  - multiple practice tests, again with answer keys and videos explaining.
  - Online homework system, which always provides immediate right-wrong feedback and sometimes provides variably effective explanations or tips
  - Usually I'm pretty fast on email response, phone response, or office-hours
5. I want to maximize learning efficiency. Every student has competition for their time; so I don't want to waste either our “in class” time, or the time you spend on studying.
  - I want time spent “in class” and out of class to be as learning-rich as possible.
6. Students in past have considered the pacing of class and the problems and practice tests to be very effective.
7. These are not super elitist courses. Minnesota State University Moorhead is a great school, but I won't assume everybody would be top students at Harvard or Yale!
8. The only pre-requisite is general chemistry.