

Chemistry 3719R : Introduction to Organic Chemistry 1 - Recitation

Mon 12 (WB 6030) ; Mon 1 (WB 6029) ; Tues 1 (WB 3031) or Weds 1 (WB 6030)

Instructor: Dr. Peter Norris

Office: 6014 Ward Beecher

Email: pnorris@ysu.edu

Website: dr-peter-norris.com

Textbook: "Organic Chemistry" 2nd edition by David Klein

The accompanying study guide is highly recommended, as are a small set of molecular models (for example, those sold at darlingmodels.com).

General

Organic Chemistry is the study of the compounds formed by **carbon**, of which many millions have been identified so far. The subject forms the basis of **biochemistry** and **genetics**, and is the backbone of industries like **pharmaceuticals**, **oil**, and **biotechnology**. Whether you intend to study chemistry, biology, pharmacy, medicine, or chemical or biomedical engineering, a sound understanding of the fundamentals of Organic Chemistry is essential, and of course the material is relevant for the various standardized tests used for entry to professional schools (for example PCAT, DAT, MCAT, GRE, etc.).

In two semesters we can only hope to cover the basics; however this still amounts to a very large amount of material. Indeed, everything that was covered in 3719 is relevant in 3720 so it is very easy to get swamped in this class by not studying from the beginning in a consistent manner. Since we will not have time in class to cover every detail contained within the text, it is essential that you get into the habit of reading ahead and studying your notes and the text at night, and then working problems to see if you understand the material. **Keep up!**

You should try to **participate** in the recitation sections, as well as in lecture. Ask questions whenever you can in order to really understand the material. If you spend this time being anonymous it will be impossible, for example, to write you letters of recommendation in the future for graduate/professional school or direct employment.

Quizzes and Grading

There will be twelve (12) online quiz assignments in Chemistry 3719R (one for each chapter covered), delivered through the WileyPLUS interface, and beginning in the first full week of the semester. The listing and point value for each of the assignments is presented on the reverse of this page. We will also have four (4) in-class quizzes, worth 20 points each, that will involve mechanistic and synthetic details from Chapters 7 through 12 of the Klein text. At the end of the semester we will calculate your grade as a percentage score and make assignments based on the approximate scale given below. Adjustments will be made as needed based on overall class performance and difficulty of the quizzes given. Professor Norris is responsible for setting all of the final 3719R grades.

"A" 100 to 90% "B" 89 to 80% "C" 79 to 60% "D" 59 to 50% "F" less than 50%

Academic Misconduct

You are referred to the YSU Student Code of Conduct (found at the YSU website) for an account of the typical consequences associated with academic misconduct. Any attempts at cheating in Chemistry 3719/3719R/3719L will be dealt with severely. If you are caught cheating, for example for copying a lab report, for looking at someone else's paper during an exam, or for using a cellular phone during an exam or quiz, you will **at least** be given an F grade for the exercise and possibly the entire 3719/3719L course. During in-class quizzes, **please bring with you a suitable means of photographic identification**; this will be checked at the end of the test. Since the professor grades all of the quiz papers, any examples of copying will be discovered and dealt with; random pages of completed tests and quizzes will be photocopied for the record. **Do not risk your future success by attempting to cheat.**

Online assignments through WileyPLUS will be posted as we end each chapter in the Klein text book; there will then be a set amount of time for you to complete and submit your answers. The assignments will be posted in the following order and it is up to you to keep track of assignment postings and due dates:

Chapter 1 Quiz	A Review of General Chemistry	15 points
Chapter 2 Quiz	Molecular Representations	15 points
Chapter 3 Quiz	Acids and Bases	15 points
Chapter 4 Quiz	Alkanes and Cycloalkanes	15 points
Chapter 5 Quiz	Stereoisomerism	15 points
Chapter 6 Quiz	Chemical Reactivity	15 points
Chapter 7 Quiz	Substitution Reactions	15 points
Chapter 8 Quiz	Alkenes; Structure & Preparation	15 points
Chapter 9 Quiz	Addition Reactions	15 points
Chapter 10 Quiz	Alkynes	15 points
Chapter 11 Quiz	Radical Reactions	15 points
Chapter 12 Quiz	Synthesis	15 points
4 in-class written quizzes worth 20 points each		80 points

260 points total

Disability Services: In accordance with University procedures, if you have a documented disability and require accommodations to obtain equal access in this course please contact me privately to discuss your specific needs. You must be registered with CSP/Disability Services and provide a letter of accommodation to coordinate reasonable accommodations. You can reach CSP/Disability Services at (330) 941-1372.

Statement of Non-Discrimination: Youngstown State University does not discriminate on the basis of race, color, national origin, sex, sexual orientation, gender identity and/or expression, disability, age, religion or veteran/military status in its programs or activities. Please visit www.ysu.edu/ada-accessibility for contact information for persons designated to handle questions about this policy.