

# SYLLABUS

## ORGANIC CHEMISTRY 2541, Fall Semester 2015

**CLASS TIME:** M, W, F 10:00 to 10:50 am, Chem 200

**INSTRUCTOR:** Dr. Viktor V. Zhdankin  
Office: Chem 341, Phone: 726-6902  
e-mail: [vzhdanki@d.umn.edu](mailto:vzhdanki@d.umn.edu); web page: <http://www.d.umn.edu/~vzhdanki>  
office hours: M, W, F 10:50 to 11:50 am (after lecture) or by appointment

### COURSE DESCRIPTION:

Chem 2541 is the first semester of organic chemistry at the sophomore-junior level. The lecture portion of the course will cover covalent bonds and shapes of molecules, alkanes and cycloalkanes, stereochemistry and chirality, organic acids and bases, alkenes and electrophilic addition reaction, alkynes, haloalkanes and radical reactions, nucleophilic substitution and  $\beta$ -elimination, and alcohols.

### LECTURE MATERIALS:

1. "Organic Chemistry", 6<sup>th</sup> or 5<sup>th</sup> edition by Brown, Foote, Iverson, & Anslyn (*required*)  
(other editions of this book are acceptable)
  2. Brown, Foote, Iverson: Organic Chemistry student solutions manual/study guide (*strongly recommended*; can be purchased on-line from [Amazon.com](http://www.amazon.com)).
  3. Organic Molecular Model Kit (*required*; can be purchased on-line from <http://www.andruseducation.com>)
- These materials are available from UMD Bookstore or can be purchased elsewhere.

### COURSE WEB PAGE:

All class materials, including the syllabus, exam and quiz schedules, exam scores, sample exams, list of recommended problems, lecture schedule, as well as useful links to other websites are posted and periodically updated on the following web page: <http://www.d.umn.edu/~vzhdanki/2541F15/>

**UMD TUTORING CENTER:** <http://www.d.umn.edu/tutoring/>

<b>GRADING:</b>	Six Quizzes (20 min)	180 points (6x30 pts)
	Three Midterm Exams (1 hour)	300 points (3x100 pts)
	Final Exam (2 hours)	200 points
	Total	<hr/> 680 points

### EXAM SCHEDULE:

First Midterm Exam (Ch. 1,2,3)	October 7 (Wednesday), 10:00 to 10:50 am
Second Midterm Exam (Ch. 4,5,6)	November 11 (Wednesday), 10:00 to 10:50 am
Third Midterm Exam (Ch. 7,8,9)	December 2 (Wednesday), 10:00 to 10:50 am
Final Exam (Ch. 1-10)	December 16 (Wednesday), 12:00 to 1:55 pm

### QUIZ SCHEDULE:

Sep. 9 (W), Sep. 16 (W), Sep. 23 (W), Oct. 21 (W), Oct. 28 (W), Nov. 23 (M), 10:30 to 10:50 am

**The University of Minnesota Duluth policies related to teaching and learning** apply for this course. For details see: [www.d.umn.edu/vcaa/SyllabusStatements.html](http://www.d.umn.edu/vcaa/SyllabusStatements.html).

**Students with Disabilities:** It is the policy and practice of the University of Minnesota Duluth to create inclusive learning environments for all students, including students with disabilities. If there are aspects of this course that result in barriers to your inclusion or your ability to meet course requirements please notify the instructor as soon as possible. You are also encouraged to contact the Office of Disability Resources to discuss and arrange reasonable accommodations. Please call 218-726-6130 or visit the DR website at [www.d.umn.edu/access](http://www.d.umn.edu/access) for more information.