Course Syllabus
Mechanisms of Organic Reactions
004:228          CHEM:5328
Fall 2014

Instructor: Dan Quinn, W333 CB, 335-1335, daniel-quinn@uiowa.edu

Office Hours: Monday, 1:00 – 2:30 p.m.; Wednesday, 1:00 – 2:30 p.m.; or by appointment


Additional useful references include:

Course Description: This course covers various aspects of the kinetics and mechanisms of organic reactions. Specific topics include electron pushing, elementary reaction kinetics and transition state theory, acid and bases, mechanisms of proton transfer reactions, isotope effects, linear free energy relationships, carbonyl addition and substitution reactions, pericyclic reactions, and photochemistry.

Web Site: Course information and materials (syllabus, problem sets, handouts, old exams, exam keys, notes) are posted on ICON.

Lectures: TTh, 9:30 a.m. – 10:45 a.m. in E224 CB

Required Activities: 1) Two exams, a midterm and a final, closed book.
   First exam: time and place will be announced.
   Final exam: time and place will be announced.
2) Three problem sets. Problems set answers will be defended orally. Times and places will be announced.

Course Grades: The maximum possible score is 300 points (200 points for exams; 100 points for problem sets). The grading scale follows:

   A+  288-300  (96-100%)
   A   276-287  (92-96%)
   A-  264-275  (88-92%)
   B+  240-263  (80-88%)

   B   228-240  (76-80%)
   B-  216-227  (72-76%)
   C+  204-215  (68-72%)
   C   192-203  (64-68%)
   C-  180-191  (60-64%)
   D+  168-179  (56-60%)
   D   156-167  (52-56%)
   D-  144-155  (48-52%)
   F   0-143  (0-48%)

   W  Withdrawal before the end of the drop period
   WU Withdrawal with a terminal grade of U
   R  Withdrawal with a terminal grade of R
Departmental Home: Department of Chemistry

Departmental Contact Information: Sarah Larsen, DEO, E331 CB; Lindsay Elliott, Secretary to the Chair, E331 CB, 319-335-0200.

Administrative Home
The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Student Academic Handbook.

Electronic Communication
University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences. (Operations Manual, III.15.2. Scroll down to k.11.)

Accommodations for Disabilities
A student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements. See www.uiowa.edu/~sds/ for more information.

Academic Fraud
The College of Liberal Arts and Sciences expects all students to do their own work, as stated in the CLAS Code of Academic Honesty. Instructors fail any assignment that shows evidence of plagiarism or other forms of cheating, also reporting the student's name to the College. A student reported to the College for cheating is placed on disciplinary probation; a student reported twice is suspended or expelled.

CLAS Final Examination Policies
Final exams may be offered only during finals week. No exams of any kind are allowed during the last week of classes. Students should not ask their instructor to reschedule a final exam since the College does not permit rescheduling of a final exam once the semester has begun. Questions should be addressed to the Associate Dean for Undergraduate Programs and Curriculum.

Making a Suggestion or a Complaint
Students with a suggestion or complaint should first visit the instructor, then the course supervisor, and then the departmental DEO. Complaints must be made within six months of the incident. See the CLAS Student Academic Handbook.

Understanding Sexual Harassment
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to
contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI [Comprehensive Guide on Sexual Harassment](#) for assistance, definitions, and the full University policy.

**Reacting Safely to Severe Weather**

In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Public Safety [web site](#).

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**Course Outline**

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