

CHM 292 Syllabus

ORGANIC
CHEMISTRY IICHM 292
Spring 2017

Course Instructor Brenton DeBoef bdeboef@uri.edu
Beaupre 325E 401-874-9480

Office hours may be arranged by appointment.

Course Meetings Tuesday (lecture) and Thursday (quiz and lecture) at 9:30 am in Beaupre 215. Additional lectures will be posted as videos on Sakai.

Textbook Solomons, Fryhle & Snyder, Organic Chemistry, 12th Ed.; Wiley; Hoboken, NJ, 2016.

Webpage Sakai → CHM 292 – Spring 2017

Absentee Policy Daily attendance will not be recorded, but attendance is strongly encouraged. Students must attend all exams. There will be no exceptions.

Grading Scheme There will be weekly quizzes, a midterm exam for each half of the course and a comprehensive final exam. Homework problems will be posted on the course website, but will not be collected or graded. The answers to these problems will also be posted on the website. Quizzes will be distributed promptly at 9:30 on Thursdays, and should last 15 minutes. The two lowest quiz scores will be dropped. Quizzes cannot be made up. If the University is closed for snow or any other reason, the weekly quiz will be given on the next class day the University is open.

<u>Weekly Quizzes</u>	<u>40%</u>
<u>Midterm Exams (2)</u>	<u>40%</u>
<u>Final Exam</u>	<u>20%</u>

The classroom portion of this course will count as 3/5 of the overall grade.

Course Goals This course covers the theoretical study of some of the most important reactions in the field of synthetic organic chemistry and relates them to contemporary biomedical science. The overarching goal of this course and its associated laboratory is the enabling of students towards careers in the chemical and biomedical sciences, particularly in preparing students for future studies in medical or graduate school.

ORGANIC
CHEMISTRY LABORATORYCHM 292
Spring 2017

Course Instructor Brenton DeBoef bdeboef@uri.edu

Teaching Assistant Ashvin Fernando ashvin_fernando@my.uri.edu

Mondays 11:00 to 12:00

Course Meetings Wednesday and Friday at 8:00 am in the Beupre 235.

Textbook A carbon copy notebook must be used to record all data. All experiments will be distributed on the course website.

Webpage Sakai → CHM 292 – Spring 2017

Other Required Materials RAM account and card to purchase items through the Beupre stockroom.

Safety goggles/glasses, lab coat, purple nitrile protective gloves.
ChemDraw and MNova software (to be discussed on the first day of class).
Any equipment not issued by the stockroom must be approved by the stockroom.

Absentee Policy Attendance is required. If a laboratory class is missed and the missed day is a technique, that quiz and worksheet will count as the dropped quiz and worksheet. There is no make up option for a missed technique. If a laboratory class is missed and the missed day is an experiment, the student will have to attend the make up experiment at the end of the semester. The experiment used as the make up experiment is more difficult than the other experiments conducted throughout the semester.

Grading Scheme	<u>Technique experiments</u>	<u>25%</u>
	<u>Ferrocene Report</u>	<u>15%</u>
	<u>Multistep Synthesis Report</u>	<u>20%</u>
	<u>Medicinal Chemistry Report</u>	<u>25%</u>
	<u>Final Exam</u>	<u>15%</u>

The laboratory portion of this course will count as 2/5 of the overall grade.

The technique experiments will be graded out of 40 points, with 20 points assigned to the post-lab questions, 10 points assigned to the notebook and 10 points assigned to the datasheet. A detailed grading rubric for the synthesis experiments can be found on the course website. The lowest technique grade will be dropped. If a student misses one of these days, it will count as the dropped grades. No lab report grades will be dropped. An exam will be administered during finals week.

Late Policy All assignments will be due at the beginning of the lab period. Students will have at least a full week to complete an assignment. If an assignment is handed in after the first 15 minutes of lab, the corresponding grade will receive a 25 percent deduction. No assignments will be accepted beyond 15 minutes after the start of the subsequent lab period after the assignment was due. For example, an assignment due on a Wednesday must be received that day before 8:15 for full credit. Anytime between 8:15 on Wednesday and 8:15 on Friday will result in a 25 percent deduction. The assignment would receive no credit after 11:15 on the following Wednesday.

Equipment and Check Out Students are responsible for the equipment in their drawers. The drawer assigned to the

student on the first day of classes is his/her responsibility. Any broken equipment must be replaced at the student's expense. Any student who has an unpaid bill with the chemistry stockroom will have a sanction placed on his/her e-campus account. This sanction will prevent the student from registering in future. Also, drawers must be checked out at the end of the semester or if a student chooses to drop the course. Improper check out will result in a \$10.00 charge and a sanction on the student's e-campus account.

Academic Integrity Academic dishonesty will not be tolerated. Students who cheat or misrepresent their work will be subject to the disciplinary actions contained in the URI University Manual, including a grade of "zero points" on the assignment/exam and potentially culminating with expulsion from the University. All students will sign the Department of Chemistry's policy on plagiarism and academic dishonesty prior to beginning work in this course.