

Chemistry L343  
Organic Chemistry II Lab

Dr. Rodney Beaver  
Spring Semester 2019  
Class: 1250-1505 TTh

Office: Room M208D  
Office Hours:  
MTWTh1505-1730

email (the best way to contact me): rbeaver@troy.edu Note: I will respond to email only if it is sent from a troy.edu account. I will never return phone calls from students.

Text:: Making the Connections: A How-to Guide for Organic Chemistry Lab Techniques, by A. B. Padias

Laboratory notebook (we will discuss this in class)

Each student must supply a pair of safety goggles. The goggles must completely seal around the eyes and must meet ANSI Z87.1 standards.

Grading: The laboratory grade will be based on the following criteria:

Attendance and participation:	90%
Pre-and Post-Lab Assignments	5%
Laboratory notebook	5%

(Pre-and Post-Lab Assignments assignments may include things such as write-ups of completed labs, analysis of data from completed labs, etc. See page 3 for a description of the grading criteria)

Safety is an important part of laboratory work. You have received a copy of the TUD chemistry laboratory safety rules. They may also be viewed online at [http://www.tudchemistry.org/TUDChemistry/Lab\\_Safety.html](http://www.tudchemistry.org/TUDChemistry/Lab_Safety.html)

Unsafe laboratory practices will have a large negative impact on your laboratory attendance and participation grade.

We have neither the facilities nor personnel to conduct make-up laboratories. Therefore absences from scheduled laboratories will be frowned upon and will only be excused under extraordinary circumstances.

We have a number of course policies which are generally applicable to all chemistry courses at TUD. You have received a hard copy of these. They may also be viewed online at: [http://www.tudchemistry.org/TUDChemistry/Course\\_Policies.html](http://www.tudchemistry.org/TUDChemistry/Course_Policies.html)

Scheduled labs will be announced at least one class meeting prior to performing the lab.

**AMERICANS WITH DISABILITIES ACT:**

Students with disabilities, or those who suspect they have a disability, must register with the Disability Services Coordinator in order to receive accommodations. Students currently registered should present their Disability Services Accommodation Letter to the instructor at the beginning of each term. If you have any questions, contact the Disability Services Coordinator at (334) 983-6556 ext 1221 or visit Malone Hall 120. Since campus elevators are subject to power outages and mechanical breakdown beyond our control, students who have difficulty negotiating stairs and are attending classrooms above ground level should notify their instructor during the first week of class. Consideration will be given to relocating the classroom or making other arrangements.

**Absence Policy:**

In registering for classes at the university students accept responsibility for attending scheduled class meetings, completing assignments on time, and contributing to class discussion and exploration of ideas.

In severe cases of inclement weather or other emergency conditions, the Office of Executive Vice Chancellor and Provost will announce cancellation of classes through the local and regional media as well as through the University's web site.

**Academic Misconduct:**

Students should refer to the Standards of Conduct section of the Oracle, the student handbook, for policies regarding misconduct.

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## Grading Criteria

### Attendance and Participation:

Each student will begin the semester with 90 points for this portion of the lab grade. After the first missed lab, each additional laboratory absence will result in a deduction of four points. After one occurrence, arriving late for lab or leaving early will result in the deduction of one point.

Safety is a large and important aspect of laboratory participation. Safety violations will result in point deductions (for each occurrence) as follows:

- Removing safety goggles while in the laboratory<sup>1</sup> or using unapproved goggles **4 points**
- Violation of any of the other rules or policies as stated in the handouts<sup>2</sup> entitled “Laboratory Safety” and “Lab Policies and Procedures” **1 point**
- Dirty or unkempt common areas are the responsibility of everyone and are a safety hazard. Things such as- but not limited to- dirty balances, glassware around the sinks, and uncapped reagent containers will result in a deduction for everyone in the lab **1 point**

### Pre-and Post-Lab Assignments

Each student will begin the semester with 5 points for this portion of the lab grade. You will usually be assigned a portion of the lab text to read in preparation for the experiment to be performed and will have been given a copy of experimental procedures. Failure to read and study these resources and be adequately prepared to carry out the experiment will result in point deductions. Some experiments will require submission of a brief summary or analysis of the results. Unsatisfactory completion of this requirement will result in point deductions. **0.25-0.50 points**

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<sup>1</sup> This means all rooms in which chemicals or apparatus are used including M200, M211, M212, and M213.

<sup>2</sup> You have received a copy of these and they are available on the TUD Chemistry web site.

## **Laboratory Notebook**

Each student's laboratory notebook will be evaluated by assessing its conformance to the criteria in the laboratory textbook and to the examples which you have been given. Each student will be receive a grade of **0-5 points**.

## **Overall Grade**

The overall laboratory grade will be assigned using the standard scale *i.e.* : 90-100 points A, 80-89 points B, 70-79 points C, 60-69 points D, <60 points F.