**Queens College of the City University of New York**  
**Department of Chemistry and Biochemistry**  
**Organic Chemistry I**

**Chem 251.1**  
**Lab Schedule (subject to change)**  
**Fall 2020**

This course will be partly on-line and partly in-person. On-line classes will be given live and will be recorded and be available for you to view later. CUNY policy is as follows:

*Students who participate in this class with their camera on or use a profile image are agreeing to have their video or image recorded solely for the purpose of creating a record for students enrolled in the class to refer to, including those enrolled students who are unable to attend live. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the “chat” feature, which allows students to type questions and comments live.*

On-line classes during weeks 1, 2, and 12 – 14 will be held during your regular lab time. During weeks 3 – 11, labs will run at less than half-capacity to ensure social distancing. Your lab instructor will place you in one of Groups A, B, or C. You will only be permitted in lab when it is your group’s week. Your lab instructor will arrange a time with all groups outside of lab hours to conduct the on-line labs during those 9 weeks.

**NOTE:** For students who cannot participate in the in-person labs due to health concerns:  
Send an email to your lab instructor and the faculty lab coordinator (Prof. Hersh, william.hersh@qc.cuny.edu):  
I cannot attend in-person labs because of a pre-existing health condition that puts me at highest risk for getting very sick from COVID-19 ____ see NYS COVID-19 FAQs 4/15/20. p2:  
And/or  
I cannot attend in-person labs because I live with a person who has a pre-existing health condition or is 65 or older ____  
The lab coordinator will confirm your exemption and the lab instructor will provide you with the alternate assignments for those labs.

**Course Requirements:**  
Prerequisites for Chem 251.1: C or better in Chem 114.4 and 114.1  
Pre or corequisite: Chem 251.4 (C or better if prerequisite)

**LAB TEXT:** *Organic Experiments*, Kenneth L. Williamson, 9th Edition,  
OR  
*Macroscale and Microscale Organic Experiments*, Williamson and Masters, 7th ed.  

For the *Macroscale and Microscale text book*, all experiments to be done are the Macroscale version.  
In lab experiments:  
**Group A will do the in-person labs Weeks 3, 6, 9**  
**Group B will do the in-person labs Weeks 4, 7, 10**  
**Group C will do the in-person labs Weeks 5, 8, 11**

<table>
<thead>
<tr>
<th>Week</th>
<th>Experiment</th>
<th>Williamson Chp (Page)</th>
<th>Williamson &amp; Masters Chp (Page)</th>
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<tbody>
<tr>
<td>2</td>
<td>Online Grp A-C</td>
<td>I. Melting Point Determination – you will do mp’s in Lab 3A, 4B, 5C</td>
<td>Chp 4 (50-57)</td>
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<tr>
<td>3A, 4B, 5C</td>
<td>In lab</td>
<td>Check-In: Check kits. Crystallization i. Isolation of Crystalline Acetylsalicylic Acid from Aspirin tablets (Lab Notes) ii. Recrystallization of Benzil if time permits (Lab Notes)</td>
<td>Chp 3 (45-6)</td>
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Safety glasses and lab coats are required in the laboratory at all times – even if you already wear glasses.

Do not bring food, chewing gum, coats or backpacks into the lab – use the hall lockers.

All experiments are to be done individually – no team experiments.

Course Objectives: Students will learn basic organic lab safety, waste disposal, and techniques, and will learn how to keep an organic laboratory notebook. At the conclusion of this semester students will be prepared to do organic research if they so choose.

Assessment: You will need to keep a neat, legible laboratory notebook; a lined 100 page, 9 ¾ x 7 ½ inch composition book is best. Your lab instructor will periodically check your notebook, so it must be up-to-date, and will announce when it will be collected for grading.

75% - lab book (Report: 40%, results, 35%)
15% - unannounced lab quizzes (these will test lab material, not lecture material)
10% - your lab technique (including neatness, skill, attention to detail and safety)