

Johns Hopkins University  
Department of Chemistry  
Chemistry with Problem Solving I  
Chemistry 030.207  
Summer 2017 Term 1

**Instructor:** Dr. Chris Falzone

**Office:** 314 Chemistry

**Email:** falzone@jhu.edu

**Time:** Tuesday and Thursday 1:00-3:30 PM: Location TBA

**Office hours:** Wednesday 3:30-5 PM

**Credits:** 2

**Grading:** Satisfactory/Unsatisfactory based exclusively on attendance.

**Objectives:**

The goal of this course is to increase the problem solving skills for students co-registered in 030.205 who have had minimal previous exposure to chemistry. This course will focus on the skills and strategies often utilized for solving problems in organic chemistry. In a discussion format, we will focus on a variety of strategies and techniques that students are otherwise expected to discover independently and collaboratively. This optional course is designed to help students succeed in Organic Chemistry I and is not required in order to succeed in Organic Chemistry I, but students in the past have found it to be helpful in guiding their study efforts for Organic Chemistry I and building the conceptual foundation needed for both terms. Prerequisites: Enrollment restricted to students registered in the current Organic Chemistry term.

**Attendance Policy:**

This course is designed as a supplemental addition to 030.205. It is expected that students make a commitment to attend. You will be allotted a maximum of 2 absences during the term. If you exceed this number, you will receive an unsatisfactory for the course; I cannot help you if you don't show up.

**Materials:**

Though not required, I strongly encourage you to purchase or download: *Electron Flow in Organic Chemistry: A Decision-Based Guide to Organic Mechanisms* by Paul H. Scudder. Besides a pen, paper and an open mind, no other materials will be required for this course