

Physical Chemistry I - CHEM 2103

Fall 2023

Instructor: Bob Burk
Lab Coordinator: Daniel Sun

Lecture Hours

2:30 – 4:00 PM, Wednesdays and Fridays in 236 TB

Tutorials

Tutorials are offered for your benefit, on Fridays from 4:30 - 5:30 PM in 236 TB

Textbook

The text for the course is "Physical Chemistry" by Engel and Reid (4th edition), published by Pearson Education and is available in the Bookstore. It is packaged with access to the publisher's homework management system Mastering Chemistry, which you will be using. (This book and system will also be used in CHEM 3100, Physical Chemistry II. Other books, such as those by Atkins, are also useful, but I will be posting practice problems and assigning reading material from Engel and Reid, and you really do need access to Mastering chemistry anyways.)

Marking

Written Assignments: 10%
Mastering Chemistry Online Assignments: 10%
Midterm exam 20%
Final exam: 30%
Lab: 30%

The lab portion of the course must be complete in order to receive a passing grade. None of the assignments, exams or lab are optional, and the marking scheme is the same for everyone. The final exam will not be weighted more to make up for a poor mark on a test or assignment

Problem Assignments

Four written problem assignments will be given. A total of 10% may seem to you to be too small to care about. The simple truth is that if you do not do these assignments and receive needed feedback, you will do poorly on the exams, where the stakes are much higher.

Laboratory

See the relevant section of the cuLearn site for details of the lab. Note that you must complete an on-line training course on Workplace Hazardous Materials Information System (WHMIS) before your first lab period, if you have not done so in the past.

Communicating With You

1. Visit me in 229 SC during office hours, which will be posted on the cuLearn calendar one week in advance. Make an appointment via email if you want extra time. No questions are too big or too small. Do not wait until the day before the test to ask questions...
2. Email me at robert_burk@carleton.ca. Emails received by 10 PM will be answered that day.