Syllabus for Chemistry 4B: Winter 2022

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Web Sites:

- https://canvas.ucdavis.edu/courses/516867
- Textbook (Free) https://chem.libretexts.org/Courses/University_of_California_Davis/UCD_Chem_4B_(Larsen)
- Homework (Free): https://ADAPT.libretexts.org

Dates

Academic Dates can be found here:
https://www.ucdavis.edu/campus-life/things-to-do/calendar/academic

- **Instruction begins** on Monday, January 3, 2022.
- Students can drop Chemistry courses on their own until 1/31/2022 (20 Day Drop)
- Students wishing to drop after this date will need to go to their Dean's Office (not the department) for a Permission to Drop (PTD) number.
- The **last day of instruction** is Friday, March 11, 2022**.**

Lectures: MWF 12:10 - 1:00 https://ucdavis.zoom.us/j/93839712431
Class is face to face, but if sufficient attendance is maintained, I will also lecture capture via the above link.

Office Hours:

Larsen: Wednesdays, 1:00 - 2:00 (or by appointment)
Marshall Eugene Hutchings: TBA
Matthew James Parziale: TBA

Homework:

There will be three weekly homework assignments that are due on the Monday, Wednesday, and Friday of each week. These are the access codes for ADAPT (sign up)

- A01 (45304): 7116e945b19f
- A02 (45305): 7f1f60f2fbb5
- A03 (45480): feeebee69e1f

Grade Breakdown:

Midterm I:	15%
Midterm II:	15%
Lab:	10%
Homework (Weekly)	15%
Homework (Daily)	5%
Final Exam:	30%
Group Worksheets in discussion	10% (must participate for credit)

Chemistry 4B: D.S. Larsen

Final Grades:
I grade primarily on a curve where the average is set to a B and each 1/3 of a standard deviation is one notch up or down (e.g., B+ to A-). This is best quantified via a student's z-score (for more detail see https://stats.libretexts.org/Bookshelves/Applied_Statistics/Book%3A_An_Introduction_to_Psychological_Statistics_(Foster_et_al.)/04%3A_z-scores_and_the_Standard_Normal_Distribution/4.02%3A_Z-scores)

For example,

- A student with an average performance (z-score of 0) will get a grade of B.
- A student with a z-score of 1 will have grade of A
- A student with a z-score of 0.333 will have a grade of B+
- A student with a z-score of -0.333 will have a grade of B-
- A student with a z-score of -1 will have a grade of C

I then provide extra credit that adds onto the above breakdown.

Chemistry 4B: D.S. Larsen

The schedules for each section are below:

Section A01: *Matthew Parziale*

- Lecture: 12:10 PM - 1:00 PM MWF Cruess Hall 1003
- Laboratory: 1:10 PM - 4:00 PM M Chemistry Annex 3435
- Discussion: 10:00 AM - 10:50 AM F Wellman Hall 201

Section A02: *Matthew Parziale*

- Lecture: 12:10 PM - 1:00 PM MWF Cruess Hall 1003
- Laboratory: 9:00 AM - 11:50 AM T Chemistry Annex 3435
- Discussion: 10:00 AM - 10:50 AM R Kerr Hall 293

Section A03: *Marshall Hutchings*

- Lecture: 12:10 PM - 1:00 PM MWF Cruess Hall 1003
- Discussion: 2:10 PM - 3:00 PM M Wellman Hall 103
- Laboratory: 1:10 PM - 4:00 PM W Chemistry Annex 3435

Examinations: There will be no make-up exams and no early or late finals will be given.

- **Exam 1 (Friday): 1/28/2022 (Lectures 1 - 10)**
- **Exam 2 (Friday): 2/18/2020 (Lectures 11 - 16)**
- **Final Exam (Thursday): Wednesday, March 16—10:30 a.m-12:30 p.m.**

Help: The Learning Skills Center: 752-2013, tutors, etc.
www.lsc.ucdavis.edu/chem./chemistry.html

Learning Objectives

Available on the LibreTexts.

Laboratory:

The distribution of points is listed in detail in the 4B Lab Manual. Students must read the laboratory experiment, complete the pre-laboratory assignment, and prepare for the quiz before coming to class. All experimental data and observations will be taken directly into the laboratory notebook. These entries must be initialed by your TA each day before leaving the laboratory. All laboratory work must be turned in during the next normally scheduled laboratory meeting or at the time indicated by the teaching assistant. **Failure to complete even one lab will result in an incomplete or failing grade for the class.**

See separate Lab Syllabus for Detailed Lab Schedule!