

CHEM 1211K Lab Syllabus

Spring Semester 2019 CRN 14627

Lab Lecture: Wednesday 8:00 am - 8:45 am, 218 NSC

Laboratory: Wednesday 8:55 am - 11:00 am, 236 NSC

Instructor: Dr. Anjali Parmar
201 Courtland North
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Office Hours: Wednesday 12:00 – 1:00 pm or Thursday 2:00 – 3:00 pm by appointment.

Required Materials:

Bound lab notebook

Safety Glasses (may be purchased the first laboratory period)

Text: GSU Lab manual (to be handed out at first lab lecture).

A course outline, schedule of activities, grading, etc., is included in the lab manual.

Comments on Lab:

Safety glasses required at all time.

Lab appropriate attire is mandatory (No shorts, sandals or open-toed shoes)

Individualized project-type lab.

Notebooks should be kept up to date; bound notebook required.

Notebooks must be signed by TA's or lab instructor at the conclusion of each lab session.

Quizzes and final exam are closed-book.

Cleaning up is part of the lab session. Students should stop working and begin cleaning up their work area no later than 15 minutes before the conclusion of the lab session.

Students must exit the lab by 6:00 pm

Students must turn in a report on density and have the instructor record their data for recrystallization, melting point, molarity of NaOH and HCl, and Equivalent Weight of unknown after the conclusion of each of these experiments.

Session 1	January 23, 2019	Introduction, safety video, check-in.
Session 2	January 30, 2019	Density experiment
Sessions 3	February 6, 2019	Recrystallization Experiment
Session 4	February 13, 2019	Melting Point Experiment
Session 5	February 20, 2019	Standardization of NaOH solution (KHP experiment)
Session 6	February 27, 2019	Titration of HCl
Session 7	March 6, 2019	Equivalent Weight Determination
Session 8	March 13, 2019	Computer Search
Session 9	March 27, 2019	Pka Determination 1
Session 10	April 3, 2019	Pka Determination 2
Session 11	April 10, 2019	Pka Determination 3

Session 12	April 17, 2018	Sodium Fusion. Finish Pka experiment if needed. Students Evaluations of Instructors should be performed also on April 18, 2019.
Session 13	April 24, 2019	Lab Final Exam, Final Report and Notebook Due

Graded final exams, notebooks and final reports can be viewed at the instructor's office but will not be returned to the students.

No grades will be given via e-mail or by phone.

CHEMISTRY 1211 Lab Rules Spring Semester 2019

I have read the entire syllabus and understood the rules in lab and all the additional information provided in it, including the following:

1. No make-up quizzes will be given. If a student misses a quiz it will count as a zero.
2. Late and electronic copies of reports will not be accepted.
3. Students need to show their GSU Panther I.D. card when taking quizzes and final Lab test. No food or water bottles (any kind of drinks) are allowed in lab.
4. The instructor reserves the right to assign seating during quizzes and final Lab Exam.
5. Cell-phone calculators and programmable calculators are not allowed.
6. Cell-phones need to be kept either in purses or book-bags during quizzes; they should be turned off at all times. In addition, usage of all electronic devices while in the lab, is not allowed.
7. If late for class, please enter through the back door.
8. Hats and hoods that partially cover the face will not be allowed during quizzes.
9. **A lab apron or coat and goggles are required at all times while in the lab.** Students will not be allowed in the lab wearing shorts, sandals or open-toe shoes, or tops that expose shoulders. Long hair should be tide in back.
10. **Notebooks:**
 - A. The student must bring to lab the write-up for the experiment to be performed on each session; this must includes "bullets" of the procedure(s) to be carried out and data tables to be fill out.
 - B. The student must have the lab notebook signed by the TA or instructor at the conclusion of the lab. We do not accept any other options of records keeping.