

**CHEM 1211K Lab**  
Fall Semester 2017

Lab Lecture: Tuesdays 10:00 am - 10:50 am, 218 NSC  
Laboratory: Tuesdays 10:50 am - 1:00 pm, 234 NSC

Instructor: Dr. Danzhu Wang

Office: Room 202 in Courtland North

Email: [dwang19@gsu.edu](mailto:dwang19@gsu.edu) (Emails will be replied only through your GSU email)

Office Hours: Mondays 10:30 am – 11:30 am or by appointment.

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:

Individualized project-type lab.

Notebooks should be kept up to date; bound notebook required. Notebooks must be signed by TA at the conclusion of each lab session.

Quizzes and final exam are closed-book.

Safety glasses required at all time.

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 1:00 pm

Students must turn in reports on density, recrystallization, melting point, molarity of NaOH and HCl, and Equivalent Weight of unknown after the conclusion of each of these experiments.

Session 1 August 29th: Introduction, safety video, check-in.

Session 2 September 5th: Density experiment.

Sessions 3-12 Purification and characterization of an unknown carboxylic acid.

Session 13 November 28th: Final exam and check out. Final report and lab notebook due at this time.

Graded final exams, 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.