

# CHEM 1211K Lab

Spring Semester 2016

A copy of this syllabus is available at: [chemistry.gsu.edu](http://chemistry.gsu.edu) Click on undergraduate, click on course syllabi, click on current semester.

## Time (for CRN 17317):

Lab Lecture: Wednesday 8:00 - 8:45 am, NSC218

Laboratory: Wednesday 8:55 - 10:30 am, NSC234

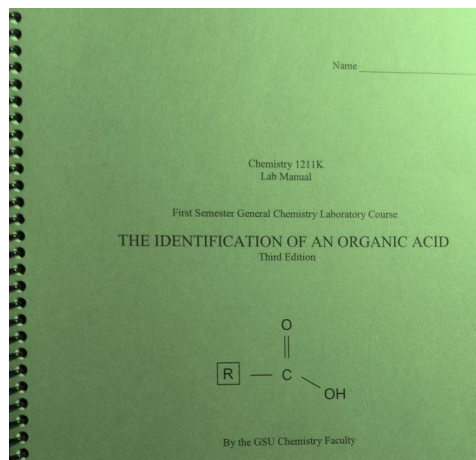
## Instructor: Dr. Kathy LI

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Office: Langdale Hall 924. 38 Peachtree Center Avenue, Atlanta, GA 30303

**Office Hours:** Before or after class, 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:

1. Individualized project-type lab.
2. 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.
3. Quizzes and final exam are closed-book.
4. Safety glasses required at all time.
5. 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.
6. 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.

## Lab Sessions:

- |                       |   |
|-----------------------|---|
| <u>Session 1.</u>     | Introduction, safety video, check-in.                                     |
| <u>Session 2.</u>     | Density experiment  |
| <u>Sessions 3-12.</u> | Purification and characterization of an unknown carboxylic acid.          |
| <u>Session 13.</u>    | Final exam and check out. Final report and lab notebook due at this time. |
- Graded lab notebooks may be picked up from the lab instructor within one week following the completion of the lab, after which time they may be discarded. Graded final exams and final reports can be viewed, but will not be returned to the students.

**Note:** Please read the entire syllabus and understand the grading system and all the additional information provided in it, including the following:

1. Students need to show their GSU Panther I.D. card when taking quizzes and final test.
2. The instructor reserves the right to assign seating during quizzes and final test.
3. Cell-phone calculators and programmable calculators are not allowed.
4. Cell-phones need to be kept either in purses or book-bags during exams or quizzes; they should be turned off at all times. In addition, usage of all electronic devices while in the lab, is not allowed.
5. If late for class, please enter through the back door.
6. Hats and hoods that partially cover the face will not be allowed during tests/quizzes.
7. There are not make-up labs unless students have a legitimate excuse for having missed a lab session. A lab make-up session is scheduled for the 12th lab session. A written authorization signed by the instructor is required.
8. 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.
9. Notebooks:
  - A. The student must bring to lab the write-up for the experiment to be performed on each session; this must include “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.