

---

# PRINCIPLES OF CHEMISTRY II LABRATORY

---

**Chem1212 Lab—CRN 51543 (Tuesday and Thursday at 10am)**

**Dr. Jie Jiang (Email address: [jjiang2@gsu.edu](mailto:jjiang2@gsu.edu))**

**Office hours: By appointment only (through email)**

**Note: The first Lab meeting is on Thursday, June 10<sup>th</sup>. You should complete your registration on “Labflow” on June 7<sup>th</sup>—see more detailed information below.**

**Please fill the proper form the first week of the lab if you have a lab grade transfer from previous semester.**

## Course Description

Welcome to PRINCIPLES OF CHEMISTRY II Laboratory! We're going to have a great time this semester expanding the basic chemical knowledge obtained in Chem 1211 Laboratory and lecture in order to explain and predict both physical and chemical changes that are observed continually in nature together.

Please do note that this syllabus reflects a plan for the semester. Deviations may become necessary as the semester progresses.

## Assessments

There are a variety of assessments to help you practice your disciplinary thinking and skills. More detailed instructions for course assessments can be found in the Laboratory Module in your iCollege page.

### Grading:

<u>Task</u>	<u>Points</u>	<u>Total points</u>
Introduction quizzes	4 points x 2 quizzes	8
Day 3	Prelab 4, Data report 12	16
Day 4	Prelab 4, Data report 12	16
Day 5	Prelab 4, Data report 12	16
Day 6	Prelab 4, Data report 12	16
Day 7	Prelab 4, Data report 12	16
Day 8	Prelab 4, Data report 12	16
Day 9	Prelab 4, Data report 12	16
Day 10	Prelab 4, Data report 12	16
Day 11	Prelab 4, Data report 12	16
Day 12	Prelab 4, Data report 12	16

Final	Lab Final	32
Total		200

---

# COURSE HELP

---

Note that this is a **100% Online** course. Here are a few tips to get you started:

## How Do I Contact my lab instructor?

Email: [jjiang2@gsu.edu](mailto:jjiang2@gsu.edu)

## How Do I Access My Course?

<https://labflow.com/>

## What Are the Required and Optional Materials?

The following resources are required for this course:

Registration for lab flow: [www.labflow.com](http://www.labflow.com)

You will be asked to provide an enrollment code, which is your course CRN-  
**51543**.

## Are There Any Required Meetings?

Your prelab will open **8am on your lab day (Tue and Thur)**. You will need to complete this prelab, then attend prelab lecture as your designated lab time. Then, you will have a synchronous meeting through webex. Afterwards, you can use your lab time to engage with your instructor to ask questions. **Lab assignments will be due 11:59pm on your lab day.**

## How Do I Succeed in this Course?

If this is your first time taking an online course, you should refer to GSU's [Keep Learning: Resources For Learning Away From Campus](#).

---

# SCHEDULE

---

Your prelab will open **8am on your lab day**. **Labs will be due 11:59pm on the same day.**

6/7/2021: Sign up Day!!

Find your lab course, and register on the Labflow website for your course.

6/10/2021: Introduction:  
Safety, Math and Labware

6/15/2021:  
Spectra and the Nature of Light and Color

6/17/2021:  
Aspirin and Other Analgesics

6/22/2021:  
Identification of a Halide

6/24/2021:  
Kinetics of Iodine Clock Reaction

6/29/2021:  
Determination of Amount of Sodium Hypochlorite in Bleach

7/01/2021:  
Determination of Equilibrium Constant

**Please note there is not lab on July 6<sup>th</sup>: 7/8/2021:  
Le Chatelier's Principle**

7/13/2021:  
Buffer Solutions

7/15/2021:  
Determination of Solubility Product Constant

7/20/2021:  
Entropy of Borax Dissolution

7/22/2021:  
Lab Final

If this is your first time taking an online course, you'll want to review the [Online Time Management Essentials](#) guide. Please note that deviations may become necessary as the semester progresses.

---

# COURSE POLICIES

---

The Chemistry Department has developed several policies that seem to work well in this course. Please review these very closely. You'll have an opportunity to voice your opinion on these policies and other aspects of the course when we reach evaluation points during the semester.

## Attendance and Participation Policy

It is very important to know that you should NEVER miss a lab. Missing lab or prelab will result in loss of points.

## Course Evaluation and Evolution

Your constructive assessment of this course plays an indispensable role in shaping education at Georgia State. Upon completing the course, please take time to fill out the online course evaluation.

---

# OTHER POLICIES

---

## Academic Honesty

Please see: <https://deanofstudents.gsu.edu/files/2019/07/Academic-Honesty-Policy.pdf>

## AACE

Students who wish to request accommodation for accessibility may do so by registering with the Office of Disability Services. Students may only be accommodated upon issuance by the Office of Disability Services of a

signed Accommodation Plan and are responsible for providing a copy of that plan to instructors of all classes in which accommodations are sought.

Students with special needs should then make an appointment with their lab instructor during the first week of class to discuss any accommodations that need to be made.

## FERPA

In keeping with USG and university policy, this course website will make every effort to maintain the privacy and accuracy of your personal information. Specifically, unless otherwise noted, it will not actively share personal information gathered from the site with anyone except university employees whose responsibilities require access to said records. However, some information collected from the site may be subject to the Georgia Open Records Act. This means that while we do not actively share information, in some cases we may be compelled by law to release information gathered from the site. Also, the site will be managed in compliance with the Family Educational Rights and Privacy Act (FERPA), which prohibits the release of education records without student permission.

## Sexual Harassment

In instances of sexual misconduct, the present instructor(s) and teaching assistants, are designated as Responsible Employees who are required to share with administrative officials all reports of sexual misconduct for university review. If you wish to disclose an incident of sexual misconduct confidentially, there are options on campus for you to do so. For more information on this policy, please refer to the Sexual Misconduct Policy which is included in the Georgia State University Student Code of Conduct.

## Basic Needs Statement

Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact the Dean of Students for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable us to provide resources that we may possess. The Embark program at GSU provides resources for students facing homelessness.

## Campus Carry

The Campus Carry legislation allows anyone properly licensed in the state of Georgia to carry a handgun in a concealed manner on university property with noted exceptions. Information about the law can be found at [safety.gsu.edu/campus-carry](https://safety.gsu.edu/campus-carry). It is the responsibility of the license holder to know the law. Failure to do so may result in a misdemeanor charge and may violate the Georgia State Student Code of Conduct.” Please follow the guidelines established by the BOR.