Course Syllabus

Course Title: CHN 101, General Chemistry Lab I

Fall 2022
You are at the syllabus page for the course.

Information:

Section:

Instructor Information:

Instructor: Helena Rose-Goheen

Office Hours: M-F 11-12 & 2-4 pm (by appointment only)

Office: Kobic 102

Email: hRose@hawaii.edu

Phone: (808) 235-7203

Office Hours: M-F 10-11 am, 1-2 pm

Additional Contact Information:

When: During normal hours. If you need to re-enter after hours, please contact me or the course instructor.

Course Description:

A survey of the major concepts and principles of inorganic chemistry. Students will learn the language of chemistry to describe the structure and behavior of substances. This course will cover the properties, classification, and reactions of various elements, compounds, and solutions. The course is designed to provide a foundational understanding of chemical concepts and prepare students for further studies in the field.

Course Content:

- Introduction to chemistry and its applications
- Conceptual understanding of atomic structure
- Elements and their properties
- Chemical reactions and stoichiometry
- Solutions and their properties

Course Learning Outcomes:

By the end of the course, students will be able to:

1. Describe and explain the basic concepts of chemistry.
2. Perform calculations related to stoichiometry and chemical reactions.
3. Understand the properties and behavior of elements and compounds.
4. Analyze and interpret chemical data.
5. Apply chemical knowledge to solve real-world problems.

Required Materials and Technology:

- Lab Manual (recommended)
- Access to online resources (e.g., course website)
- Calculator (scientific or graphing)

Textbook, Lab Resources or Recommended Materials:

Required Hardware and Software:

- Computer
- Internet access

Technical Skill Requirements:

- Basic computer literacy
- Ability to interpret and create graphs

Grading Breakdown:

- Participation and lab attendance: 20%
- Quizzes: 15%
- Midterm Exam: 25%
- Final Exam: 40%

Assessment Descriptions:

- Quizzes: Assess understanding of course material
- Midterm Exam: Comprehensive review of course topics
- Final Exam: Comprehensive review of course topics

Grading Policy:

- A: 93-100
- B: 83-92
- C: 73-82
- D: 63-72
- F: 0-62

Course Format:

- Lecture and discussion
- Lab experiments
- Online resources

Financial Aid Information:

- No additional fees for this course
- Financial aid is available through the Student Financial Services office.

Credit Hours:

- 3

Academic Integrity:

- Plagiarism and cheating are strictly prohibited.
- All work must be submitted individually.

Term Dates:

- Fall 2022

For more information regarding sex discrimination and gender-based violence, the University’s Title IX resources and the University’s Policy, please visit the following link: [manoa.hawaii.edu/titleix/](http://manoa.hawaii.edu/titleix/)

If you or someone you know is experiencing any of these, WCC has staff and resources to support and assist you. To report an incident of sex discrimination or gender-based violence, please contact the Title IX Coordinator. You can find the Title IX Coordinator’s contact information on the following page: [manoa.hawaii.edu/titleix/](http://manoa.hawaii.edu/titleix/)

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the Title IX Coordinator. My goal is to make you feel secure and protected while handling any incident.

Additional Support Services:

- Counseling Services
- Disability Services
- Health Services
- International Student Services
- Native Hawaiian Education Services
- Student Affairs

You can also contact the International Students Center for more information about your legal status in the U.S. and rights and responsibilities of students in the U.S., on IRP 9 in a Course Catalog/Writing Center. Visit the Title IX Coordinator, Sarah Schott, at 206 Kobic, or call her at (808) 656-4278.

UNLIMITED CONTACT INFORMATION:

Feel free to contact me at any time. I don’t have a set schedule, but I’m usually available.

Email: hRose@hawaii.edu

Office Hours: M-F 10-11 am, 1-2 pm

Phone: (808) 235-7203

KO'O 106 for more information.