



UNIVERSITY of HAWAII®
WINDWARD
COMMUNITY COLLEGE

Chem 100 Chemistry and Society

3 credits (61015)
Asynchronous online

INSTRUCTOR: Michael Ferguson, Ph.D.
OFFICE: Hale `Imiloa 130 or <https://hawaii.zoom.us/j/98910339608>
OFFICE HOURS: MT 9-11
TELEPHONE: (808) 235-7400 **EMAIL:** mferguso@hawaii.edu
EFFECTIVE DATE: Fall 2023

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai'i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide the Ko'olau region of O'ahu and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

CATALOG DESCRIPTION

Provides an introduction to chemistry for non-science majors. Reviews basic chemistry concepts and their application to every-day life. Provides a survey of concepts and applications of chemistry with emphasis on the role of chemistry in the real world.

Activities Required at Scheduled Times Other than Class Times

This class is asynchronous online. The tasks must be completed online.

STUDENT LEARNING OUTCOMES

As a result of taking this course, students can expect to attain the following outcomes:

1. Describe the relationship between properties and structure of matter.
2. Name chemicals, balance chemical and nuclear equations.
3. Solve problems involving mole and mass ratios in chemical reactions.
4. Identify the types of chemical reactions (i.e. acid-base, redox, nuclear) and their applications to everyday lives.
5. Explain the chemistry of household chemicals, and the composition of air and water.

COURSE TASKS

There are 21 chapters. Tests after chapters 7, 14 and 21.

ASSESSMENT TASKS AND GRADING

Grades will be based on the following weighted categories (subject to change):

Assessment % of Grade

Test 1 15%

Test 2 15%

Test 3 15%

Homework 50%

Forums 5%

Total 100%

Assessment Descriptions

Homework and tests are on Masteringchemistry. Tests follow chapters 7, 14, and 21. Write in the introduce yourself forum on the first week of class. Due dates for the tests and the corresponding homework are as follows: Test 1, October 5; Test 2, November 2; Test 3, December 8.

Grading Policy

Grade	Percent
A	100-90%
B	89-80%
C	79-70%
D	69-60%
F	Below 60

No late tests will be accepted. No late submissions on the forums or responses.

LEARNING RESOURCES

Chemistry for Changing Times, Kolb, 15th ed. Provided via IDAP

ADDITIONAL INFORMATION (This may be included here or in an appendix.)

MySuccess: Students may be referred for extra help or advising through MySuccess. Students can also explore resources at MySuccess.Hawaii.edu and windward.hawaii.edu/MySuccess

DISABILITIES ACCOMMODATIONS

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Accessibility Counselor to discuss reasonable accommodations that will help you succeed in this class. Roy Inouye can be reached at (808) 235-7448, royinouye@hawaii.edu, or you may stop by Hale Kāko‘o 106 for more information.

SEX DISCRIMINATION AND GENDER-BASED VIOLENCE RESOURCES (TITLE IX)

Windward Community College is committed to providing a learning, working, and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms

of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking.

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, as well as receive information and support, please contact one of the following:

Jojo Miller, Confidential Advocate

Phone: (808) 348-0663

Email: advocate@hawaii.edu

Office: Hale Kāko‘o 110

Desrae Kahale, Mental Health Counselor & Confidential Resource

Phone: (808) 235-7393

Email: dkahale3@hawaii.edu

Office: Hale Kāko‘o 101

Karen Cho, Deputy Title IX Coordinator

Phone: (808) 235-7404

Email: kcho@hawaii.edu

Office: Hale ‘Alaka‘i 120

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need.

For more information regarding sex discrimination and gender-based violence, the University’s Title IX resources and the University’s Policy, Interim EP 1.204, go to manoa.hawaii.edu/titleix/

ALTERNATE CONTACT INFORMATION

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

- Location: Alaka‘i 121
- Phone: (808) 235-7422