



Syllabus Instructions

(Thu Jan 03, 2019 12:00 AM - Mon May 13, 2019 11:55 PM)

This new **Syllabus** tool uses sections, and each section can be opened by clicking the section heading.

 **Expand All** button at the top will open ALL sections.  **Print View** button at the top will create a continuous file, which can be printed or saved as a PDF.

Welcome

Welcome to Chem 100. This is a chemistry class for non STEM majors. Also, if you need to take one science class, this is a good one to take. In this course we see how science has affected contemporary life. We will cover some basic chemistry, but the majority of the class is on how science and society interact. For instance, we will cover how we generate electricity but also how different ways of generating electricity will affect the environment.

Instructor Information



Instructor: Michael Ferguson. Ph.D.
Office Hours: MT 9-11:30 AM
Virtual Office: <https://hawaii.zoom.us/j/98910339608>
Email: mferguso@hawaii.edu or use Laulima Messages tool

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Note: During normal week hours I will respond within a day. On the weekend or holidays I may not respond until the following business day.

Course Information

Course Purpose

To provide non STEM students an overview of natural science and how it affects and shapes society.

Course Description

Provides an introduction to chemistry for non-science majors. Reviews basic chemis- try 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.

Course Content

basic chemistry, nuclear chemistry, atomic structure, chemical bonding, stoichiometry, intermolecular forces, acids and bases, oxidation and reduction, organic chemistry, biochemistry, polymers, earth science, air, water, energy, food, and drugs.

Course Communication

I will send weekly announcements to the class and I will be available via email or through laulima.

Academic Prerequisites

- ENG 22 with grade C or better or placement at least ENG 100, and MATH 75 with grade C or better or placement at least MATH 115
- or consent

- Keyboard and [basic computer skills](#)
- Add other prerequisite skills necessary as related to your course.

Course Learning Outcomes

1. To learn the elements and principles of chemistry
2. To develop skills in employing the scientific method of learning
3. To learn how to extract practical information from theoretical information
4. To appreciate the impact and influence of chemistry on our lives, and to learn how we can cope with our environment using our knowledge of chemistry.

Program Learning Outcomes

1. Explain the natural and technological world using reflection and quantitative analysis including preparation of a plan to collect, process, and interpret data; evaluation of the plan, procedures, and findings; and communication of the conclusions;
2. Explain scientific knowledge and understanding to different audiences for a range of purposes; and
3. Apply scientific knowledge, skills, and understandings to problems and issues in daily life.

Required Materials and Technology

Textbook, OER Resources or Recommended Materials

Supplies

- Chemistry for Changing Times 15th ed.

Required Hardware and Software

- A more recent model desktop or laptop (2014 or later model), either Windows or Mac
- Reliable high-speed (Cable or DSL) Internet connection
- A recent version of Firefox Browser. Download from <https://www.mozilla.org/en-US/firefox/new/> if you don't have it.

Technical Skill Requirements

Students should be able to navigate laulima (sakai learning management system).

Course Format and Outline

Course Format

There are 21 chapters. Homework and tests are due at the end of each week.

Course Outline

Schedule is subject to change.

Week	Topic/Lesson	Class Meeting Dates &Times	Assignments Due Dates & Times
Week 1 - (Dates)	CH 1-4	online	Homework and tests due 2/19 at 11:59 PM. Write in the introductions forum.
Week 2	CH 5-8		Homework and tests due 2/26 at 11:59 PM
Week 3	CH 9-12		Homework and tests due 3/5 at 11:59 PM
Week 4	CH 13-16		Homework and tests due 3/12 at 11:59 PM
Week 5	CH 17-21		Homework and tests due 3/24 at 11:59 PM

Grading Policies

Grading Breakdown

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

Assessment	% of Grade
Test 1	10%
Test 2	10%
Test 3	10%
Test 4	10%
Test 5	10%
Homework	45%
Participation in forums	5%
Total	100%

Assessment Descriptions

Homework and tests are on Masteringchemistry. Tests follow chapters 4, 6, 12, 16, and 21. Similarly, forums are due at the end of each week.

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. The comprehensive final score will replace any tests missed. No late submissions on the forums or responses.

Student Accommodations

UHCC Systemwide Policies, Academic and Administrative Affairs

- [UHCC System-Wide Policies](#)

Campus Security: 808-984-3255

Disabilities Accommodations Statement

1. If you have a disability and do not wish to voluntarily disclose the nature of your disability and the support you need to your instructors, you are invited to contact Shane Payba, Acting Disabilities Services Counselor at 984-3496, Videophone relay service at 1(200)203-9685, TTY Relay Service at 711 or 1(877)447-5990 or the Text Telephone (TT) Relay Service at 643-8833. Additional information is also available at the [Disability Services webpage](#).
2. Reasonable accommodations will be provided for students with documented physical, sensory, systemic, cognitive, learning and psychiatric disabilities. If you believe you have a disability requiring accommodations, please notify Shane Payba – Acting Disabilities Services Counselor at 984-3496, Videophone relay service at 1(200)203-9685, TTY Relay Service at 711 or 1(877)447-5990 or the Text Telephone (TT) relay service at 643-8833. The Disability Services Counselor will verify your disability and provide the course instructor with recommendations for appropriate accommodations. [University of Hawaii Maui College Disability Services webpage](#).

Student Code of Conduct: UHMC supports a positive educational environment that will benefit student success. In order to ensure this vision, UHMC has established the UHMC Student Code of Conduct to ensure the protection of student rights and the health and safety of the community, as well as to support the efficient operation of all programs. All currently enrolled students at UHMC are required to abide by the UHMC Student Code of Conduct. A copy of the most current Student Code can be found on the College's website: <http://maui.hawaii.edu/assets/student-code/2016UHMCStudentCode.pdf>

TITLE IX: The University of Hawaii 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, sexual exploitation, gender-based harassment, domestic violence, dating violence, and stalking. If you or someone you know is experiencing any of these, the University has staff and resources on your campus to support and assist you. Staff can also direct you to resources that are in the community. (See addendum for more information.)

Recommended Information

Assessment: A sample of your work may be anonymously used to assess student achievement of the program learning outcomes for the General Education standards.

MySuccess: MySuccess is an Academic Early Alert System used by faculty and staff to bridge students with campus resources such as subject tutoring, academic and student support services, or a meeting with an academic advisor. Students may be contacted directly by one of these services to provide success strategies for personal, career, academic, financial, and social and wellness goals.

Additional Title IX information: Title IX prohibits discrimination on the basis of sex in educational programs and activities that receive federal funding. Specifically, Title IX prohibits sex discrimination; sexual harassment, and gender-based harassment, including harassment based on actual or perceived sex, gender, sexual orientation, gender identity, or gender expression; sexual assault, sexual exploitation; domestic violence; dating violence; and stalking. For more information regarding your rights under Title IX, please visit: <http://www.hawaii.edu/titleix>

As a member of the University faculty, I am **expected 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.

Non-Discrimination Statement: The University of Hawai'i System Executive Policy EP 1.204, declares and reaffirms its commitment to the University's equal education and employment opportunity policy. The University is committed to a policy of nondiscrimination on the basis of race, sex, gender, sexual orientation, age, religion, color, national origin, ancestry, handicap, domestic violence, marital status, arrest and court record, gender identity, and veteran status. This policy covers admission and access to, and participation, treatment, and employment in the University's programs and activities. If you feel that you are being discriminated against, review the website (<http://maui.hawaii.edu/nondiscrimination-policy/>) or call Debbi Brown, Title IX/EEO Coordinator or the UH Equal Employment Opportunity and Affirmative Action Office at 956-7077.

Financial Aid Statement

As you enroll in classes, it is very important to remember that colleges are required to take steps necessary to ensure that students are academically engaged in order to justify the disbursement of federal Title IV student aid funds. If students do not begin attendance in an online course, or stop participating in a course, Title IV funds must be returned according to Federal Return of Title IV funds regulations (34 CFR 668.21(a)), which means you may have to return some financial aid that you have received. If at any time your plans change and you no longer plan to participate in the courses in which you enrolled, you must contact the financial aid office to minimize any possible negative financial impact.

For more information on financial assistance for your education, please contact your [home campus financial aid office](#). Financial assistance may include grants, scholarships and other resources to help you pay for the cost of college. A financial aid adviser will be able to help you navigate this process to determine your eligibility for these funds.

Disability Service Office Information

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

Karla K. Silva-Park, Title IX Coordinator

Phone: (808) 235-7468

Email: karlas@hawaii.edu

Office: Hale 'Ākoakoa 220

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 maui.hawaii.edu/titleix/

ACADEMIC INTEGRITY

Work submitted by a student must be the student's own work. The work of others should be explicitly marked, such as through use of quotes or summarizing with reference to the original author.

In this class, students who commit academic dishonesty, cheating or plagiarism will have the following consequence(s):

Students will receive a failing grade for plagiarized assignments.

All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.

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

Online Learning Success

Please see the following link to access additional services:

<https://windward.hawaii.edu/services-for-students/>

Ka Piko Services

Ka Piko Services provides FREE academic and technical support to all WCC students. Our services are available both in-person and virtually (via Zoom). Our goals are to help students succeed academically and to become independent lifelong learners. We are staffed by friendly and knowledgeable peers who are ready to assist you!

- Ka Piko Math Lab provides assistance for all math courses offered at WCC, helping to improve students' understanding of important concepts and problem solving processes.
- Ka Piko Writing Lab provides assistance with any and all aspects of the writing process, including: brainstorming, research, MLA formatting and citations, drafting, and revising.

- Ka Piko Student Tech. Support can assist students with Google@UH, Laulima, MyUH, UH accounts, and can provide best-effort support for problems or questions with personal computers and other smart devices.

- Ka Piko also provides free weekly Success Connection Workshops for students

Visit the Ka Piko webpage at go.hawaii.edu/A42 for more information about our services, to learn how to connect with our tutors and tech assistants, or to RSVP for a Success Connection Workshop. Contact the Ka Piko Coordinator, Scott Sutherland, at scottjks@hawaii.edu if you have any questions.

In my experience teaching online, time management is the most common issue for student failures/withdraws. Please consider reading the following two articles.

["What Makes a Successful Online Student?"](#)

["Time Management Skills for Online Learners"](#).

Where to Get Help

Technical Support Services

- **UH ITS Computer Help Desk** – email help@hawaii.edu or call 956-8883 (or toll free at 1-800- 558-2669 from the neighbor islands)
- Laulima Assistance Form – Click on the link at the bottom of any Laulima Page to fill out and submit a question and get your answer via email.

Additional Pearson Links

- [Pearson Help Link](#) - Click here to get help with your Pearson Account and file a ticket if necessary.
- [Pearson MyLab Accessibility Statement](#)
- [PearsonLab Privacy Policy](#)