Materials: Purchased access to online lab materials and assignments through http://webassign.net
Scientific calculator; device capable of online Zoom meetings

Grading (subject to updates)
14% Pre-section assignments (7)
42% Online inlab assignments in WebAssign (7)
16% Lecture attendance and participation (8) + videos
16% Section attendance and participation (8)
12% Formal abstracts (2)

You must be officially enrolled in lecture and section. Please attend all biweekly Zoom lecture and section sessions on time. If you get into the course after the first meeting, please contact your TA so that you are ready for the next meeting.

Please log in to WebAssign using the section-specific class key (to be provided in Canvas) before the second meeting. Please make sure your correct student ID is associated with your account.

To pass this course, you should “perform” all experiments/participate in all Zoom sessions**; turn in both abstracts; and, finish and submit all Canvas pre-section assignments and WebAssign inlab assignments by the required due date/time. Any changes to this grading scheme will be announced.

**Please do not miss a lecture or session. However, if you must be absent, you must notify the instructor and your TA in advance of an absence. Deductions may apply. All absences will be reviewed on a case-by-case basis. If you do not contact the instructor and TA in a timely manner, you may not be able to complete the assignments, and this can result in a non-passing course grade.

It is your responsibility to keep track of due dates and times. Deductions may be applied for late work (this includes turning work in at the end of the lab period). Generally minimum deductions are 25% per day.

Please submit original work; plagiarism/cheating will result in a failing grade in the course and possible disciplinary action.

Please complete each pre-section assignment before section for that experiment; please see the instructions in Canvas (see Assignments in Canvas).

Please complete the online inlab assignments in WebAssign by the specified due date/time. This assignment includes data, data analysis, results, and brief concept assessment questions. Calculations and significant figures are graded. Your TA will grade the free-response questions after the assignment closes. Incomplete assignments will result in a minimum 50% deduction. If values are nonsensical and/or incorrect (and it is not due experimental issues), you will lose at least 50% of the points. You have 10 submissions in WebAssign, no deductions.

Two abstracts will be collected for the specified experiments. An abstract is a brief statement discussing procedure, results, and error analysis. Please see the guidelines and rubrics in Canvas and consult with your TA on the format and content. The abstracts must be submitted in Canvas by the start of the next lab section.

Your TA is your first and primary contact. Make sure you have his/her/their contact information. Please email all of us (TAs and Randa) so that we can get you the help you need as soon as possible, and we will happily set up office hours for you!

UC Santa Cruz is committed to creating an academic environment that supports its diverse student body. If you are a student with a disability who requires accommodations to achieve equal access in this course, please submit your
Accommodation Authorization Letter from the Disability Resource Center (DRC) to your TA privately during office hours, before or after section, or by appointment, preferably within the first two weeks of the quarter. We can also discuss ways to ensure your full participation in the course. We encourage all students who may benefit from learning more about DRC services to contact DRC by phone at 831-459-2089 or by email at drc@ucsc.edu.

Title IX prohibits gender discrimination, including sexual harassment, domestic and dating violence, sexual assault, and stalking. If you have experienced sexual harassment or sexual violence, you can receive confidential support and advocacy at the Campus Advocacy Resources & Education (CARE) Office by calling (831) 502-2273. In addition, Counseling & Psychological Services (CAPS) can provide confidential, counseling support, (831) 459-2628. You can also report gender discrimination directly to the University's Title IX Office, (831) 459-2462. Reports to law enforcement can be made to UCPD, (831) 459-2231 ext. 1. For emergencies call 911.

UCSC Slug Support: https://deanofstudents.ucsc.edu/slug-support/program
UCSC Slug Success: https://slugsuccess.ucsc.edu
We adhere to UCSC's Principles of Community. Please respect your classmates, staff, and TA. Thank you!

If you have questions, please email your TA first and as soon as possible. Email all of us!!! We want to help.

Faculty Supervisor: Dr. Randa Roland, randaro@ucsc.edu (Thimann 317; voicemail 831-459-5486)

<table>
<thead>
<tr>
<th>Date</th>
<th>Exp.</th>
<th>Title</th>
<th>Due by the start lecture</th>
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<tbody>
<tr>
<td>6/22</td>
<td>---</td>
<td>Intro, course policies, etc.</td>
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<td>6/24</td>
<td>1</td>
<td>Density</td>
<td>Intro to WA and tutorials in WebAssign Pre-section assignment lab #1 in Canvas Lab room video and lab locker video in Canvas Density and pycnometry video in Canvas</td>
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<td>6/29</td>
<td>2</td>
<td>Empirical formula*</td>
<td>Inlab #1 in WebAssign Pre-section assignment lab #2 in Canvas Empirical formula video in Canvas Inlab #2 in WebAssign *Abstract lab #2 in Canvas Pre-section assignment lab #4 in Canvas Intro to the buret and titration video and Intro to volumetric pipets and flasks video in Canvas</td>
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<td>Antacid analysis</td>
<td>Inlab #4 in WebAssign Pre-section assignment lab #6 in Canvas Review Using Excel for Slopes and Graphical Analysis file in Canvas</td>
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<td>Allura red*</td>
<td>Inlab #9 in WebAssign *Abstract lab #9 in Canvas Pre-section assignment lab #12 in Canvas</td>
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<td>Kinetics</td>
<td>Inlab #12 in WebAssign Pre-section assignment lab #14 in Canvas</td>
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<td>Vitamin C analysis</td>
<td>Inlab #14 will be discussed</td>
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