

CHM 130LL Fall 2014  
Section 37082 NS 314 M 1:30 – 4:20 PM

Mrs. Elizabeth Viquesney (Mrs. V)  
NS-123  
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Office Hours  
T and Th: 9-10:30am, 1:30-2:30pm  
M and W: 10:30-11:30 (in the SL Lobby)

Monday
Aug 25 Lab – Check-In, General Instructions and Safety
Sept 1 <i>Labor Day – No Classes</i>
Sept 8 Lab – Physical and Chemical Changes
Sept 15 Lab – Measurement, Significant Figures, Derived Quantities, and Unit Conversions
Sept 22 Lab – Accuracy and Measurement of Volume
Sept 29 Lab – Naming and Writing Chemical Formulas
Oct 6 Lab – Paper Chromatography
Oct 13 Lab – Empirical Formula of a Compound
Oct 20 Lab – <i>Midterm Exam</i>
Oct 27 Lab – Analysis of Copper Ore for Copper Content
Nov 3 Lab – Qualitative Analysis
Nov 10 Lab – Lewis Dot Formulas and Molecular Shapes
Nov 17 Lab – Boyle's Law
Nov 24 Lab – Electrolytes: Acids, Bases, and Salts
Dec 1 Lab – Acetic Acid in Vinegar
Dec 8 Lab – <i>Final Exam</i>

TEXTBOOK AND REQUIRED TOOLS OR SUPPLIES:

1. Scientific Calculator
2. Goggles: We will provide you with protective eyewear for use during the class. At the end of the class, you will return the eyewear in undamaged condition. If you fail to return the eyewear or the eyewear is excessively scratched or damaged from mishandling, you will be charged a \$7.00 replacement fee.

ATTENDANCE:

Attendance is required for all lab periods. If you miss lab, for a valid reason, you must contact Elsa Fong at [e.fong@sccmail.maricopa.edu](mailto:e.fong@sccmail.maricopa.edu) or (480) 423-6105, within 24 hours of the missed lab to arrange a make-up. In addition, you must contact me to notify me of the date you arranged to make-up the lab. Otherwise, if you miss more than 1 lab period with no valid excuse and do not contact me, I have the option to withdraw you (with grade of W or Y, depending).

## GRADING PLAN:

There are 12 lab reports worth 20 points each. Late lab reports are not accepted. If you miss lab on the day that a lab report is due, you must turn in your lab report as soon as possible (the next day you are on campus; if I am not around, slide your report under my door). In this case, I will need written documentation of your absence, unless you notify me, in advance, of severe circumstances. In addition, there are 2 exams worth 100 points each. Overall grades will be determined on a straight scale (no curve), although I may curve individual exams. Tentative letter designations are as follows:

Letter Grade	Range
A	88.0 – 100%
B	78.0 – 87.9%
C	60.0 – 77.9%
D	50.0 – 59.9%
F	Less than 50%

## IMPORTANT NOTE:

Your overall lab grade can be, at most, one letter grade above the higher of your lab midterm or lab final grade. In other words, YOU must understand the material and not rely on lab partners.

## SPECIAL NEEDS:

If you have special needs or disabilities, contact Disability Resources and Services in the Student Center at (480) 423-6517.

## WITHDRAWAL:

College withdrawal policy states:

- On or before August 29<sup>th</sup>, withdrawal with grade “W” and a refund of course fees is allowed
- On or before October 3<sup>rd</sup>, withdrawal grade is “W” and no signature is required
- After Oct 3<sup>rd</sup> but on or before November 26<sup>th</sup>, withdrawal grade is “W” if you’re passing or “Y” if you’re failing
- After November 26<sup>th</sup>, withdrawal is discretionary and highly unlikely

Laboratory and lecture are separate courses. Withdrawal from both requires separate forms. The pre- or co-requisite for the laboratory is the lecture class. As such, department policy is you may not drop the lecture and retain the lab unless you have completed  $\frac{3}{4}$  of the lecture course. Completion of  $\frac{3}{4}$  of the lecture is defined by your lecture instructor. If you are dropped from lecture, your lecture instructor will contact me and request your withdrawal from lab. There is some leeway here: if you withdraw from the lecture after the 1/2 but before the 3/4 points, as determined by your lecture instructor, you may be able to remain in the lab if you discuss the situation with your lecture instructor. In this case, your lecture instructor will notify me and you will need to pass the lab final with 60% or better or you will receive a W for the lab.

## SCC STATEMENT OF CLASSROOM ETIQUETTE AND EXPECTATIONS:

To establish a positive learning environment for this class: as an instructor, I am expected to be professional, courteous, respectful, and empathetic to students, and to

1. Begin and end class on time
2. Be prepared for each class session
3. Provide academic feedback and grade assignments in a timely manner
4. Be available for individual consultation
5. Clarify assignments and inform students of any changes in course requirements or policies

As a student, you are expected to be reflective, courteous, respectful, and empathetic to classmates, instructor, and other College staff assisting you in your learning, and to

1. Be in class and be on time
2. Be prepared for class sessions
3. Participate in class activities
4. Follow instructions and complete assignments
5. Keep up with and turn in assignments by the due dates
6. Put forth your best effort
7. Ask questions when you don't understand
8. Maintain knowledge of your grade status
9. Contact instructor right away about concerns or situations that interfere with your success in the class
10. Comply with policies found in College catalog and student handbook

## FINAL THOUGHTS:

Chemistry 130 laboratory is 1-credit course that is supposed to be fun. You should use the laboratory periods as time to help you understand better what you're learning in lecture. If you are prepared for lab each week, you will learn a lot and have a good time as you watch real chemistry happen before your eyes (which will of course be protected with safety eyewear!).