

Chemistry 159 Laboratory: The Chemistry of Everyday Things - Honors Section

Summer Quarter 2009 CSULA

Revised 7/10/2009

Instructor: Mr. David Perrigan

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Office Hours: Tues 10:30 - 11:30 am, Thurs 11:00 - 11:30 am and by appointment

E-mail: dperrig@calstatela.edu (**Note:** This is definitely the best way to reach me, since I check my messages daily)

Required Materials:

1. Textbook *Chemistry and Survival* by Dr. Keyzer
2. Safety goggles, which must be worn at all times when experimental work is in Progress
3. Breakage card (\$10 – available at the cashier’s window. **Must** be purchased prior to week two)

Grading: (200 pts. Possible)

Your grade will be based on your performance on:

- 5 Laboratory reports, worth 20 points each (100 pts. possible)
- 5 Laboratory quizzes, worth 20 points each (100 pts. possible)
- Participation / Safety worth 2 pts per class day (20 pts. possible)
 - Your lowest quiz score (or missed quiz) may be dropped. No make up quizzes will be given unless prior arrangements are made with the instructor.
 - The reports can be turned in either that same class period, or at the beginning of next week’s class.
 - Points will be deducted from late or incomplete reports if not turned in at the beginning of the next week’s class.
 - A make up lab is offered for any missed labs due to vacation or illness.

Your grade will be calculated using an absolute scale: 100-90% = A; 89-80% = B; 79-70% = C; 69-60% = D, 59-0% = F
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Tentative Laboratory Schedule:

WEEK	LABORATORY INVESTIGATION	TEXT	REPORTS AND QUIZZES DUE
T 6/23	Check in; Simple Glass-Working; Making of tools	pp. E11-E14	
T 6/30	EXP #1 Classes of Materials: Organic, Inorganic, Aromatic, and Halogen-Containing	pp. E15-E18	
T 7/7	Make-up EXP Molecular Models (no report req'd)		Exp #1 due /Quiz #1
T 7/14	EXP #2 Moles and Molecules pt. I	pp. E19-E22	
T 7/21	EXP #2 Moles and Molecules pt. II	pp. E19-E22	
T 7/28	EXP #3 Indicators, pH, and Titrations	pp. E23-E27	Exp #2 (parts I-II) due /Quiz #2
T 8/4	EXP #4 Manufacture of Soap pt. I	pp. E29-E32	Exp #3 due /Quiz #3
T 8/11	EXP #4 Manufacture of Aspirin pt. II	pp. E29-E32	
T 8/18	EXP #5 Chromatography	pp. E43-45	Exp #4 (parts I-II) due /Quiz #4
T 8/25	Check out (turn in lab report, take quiz)		Exp #5 due /Quiz #5