

CHEM 1250
GENERAL CHEMISTRY II LABORATORY
Spring, 2017

Instructor: Prof. Todd A. Wells
SGM 130
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Section	Room	Day	Time	T.A.	Email
1	Olin 222	Wed.	6:00 - 8:50 pm	Heather Runberg	Heather.Runberg@du.edu
2	Olin 222	Thur.	2:00 - 4:50 pm	Seth Youtsey	Seth.Youtsey@du.edu
3	Olin 222	Thur.	6:00 - 8:50 pm	Rachel Marini	Rachel.York@du.edu
4	Olin 222	Tues.	6:00 - 8:50 pm	Michael Holden	Michael.Holden@du.edu
5	Olin 222	Tues.	2:00 - 4:50 pm	Rachel Davey	Rachel.Davey@du.edu
6	Olin 222	Wed.	2:00 - 4:50 pm	Davida Winn	Davida.Winn@du.edu
8	Olin 225	Wed.	6:00 - 8:50 pm	Davida Winn	Davida.Winn@du.edu
9	Olin 225	Wed.	2:00 - 4:50 pm	Heather Runberg	Heather.Runberg@du.edu
10	Olin 225	Tues.	2:00 - 4:50 pm	Linda Nguyen	Linda.Nguyen193@du.edu
11	Olin 225	Thur.	2:00 - 4:50 pm	Linda Nguyen	Linda.Nguyen193@du.edu
12	Olin 235	Thur.	2:00 - 4:50 pm	Rachel Davey	Rachel.Davey@du.edu
13	Olin 235	Wed.	6:00 - 8:50 pm	Michael Holden	Michael.Holden@du.edu
14	Olin 235	Wed.	2:00 - 4:50 pm	Tania Wyss	Tania.Wyss@du.edu
15	Olin 235	Tues.	2:00 - 4:50 pm	Seth Youtsey	Seth.Youtsey@du.edu
16	Olin 235	Tues	6:00 - 8:50 pm	Tania Wyss	Tania.Wyss@du.edu

- You are required to do **EVERY** lab, if you miss your section you must make it up in the same week the lab is offered.
- **No student** will be **allowed to begin** a lab if they arrive **more than 30 minutes late** for their scheduled lab time.
- **No student** will be **allowed to complete** a lab without following proper safety procedures including following safety protocol as it pertains to proper laboratory attire.
- If you cannot make your scheduled lab time you **MUST** get permission from your Teaching Assistant before changing.
- Reports are due one week from the scheduled finish of the experiment at the beginning of the next lab period. **Any assignment turned in 15 minutes after the start of lab is considered one day late. A penalty of 10% per day will be charged for late assignments. No assignment will be accepted after 4 days from original due date.**

Notebooks: You will be required to have a lab notebook they can be purchased at the DU bookstore.
You must use a notebook that produces copies either carbonless or with carbon

paper. This should be used to record your data and observations. While your notebook will not be graded, you must have your Teaching Assistant initial it at the conclusion of each lab exercise.

Grading:	Pre-labs (20 pts each)	160
	Quizzes (20 pts each)	120
	Lab Worksheets (80 pts each)	400
	Lab Reports (100 pts each)	400
	Notebooks (5 pts each week)	40
	Total	1120

EXPERIMENT SCHEDULE (subject to change with appropriate notice)

WEEK	DATES	EXPERIMENT
1	Jan. 3-5	No lab
2	Jan. 8-12	Thermodynamic (Enthalpy, entropy and Free Energy)
3	Jan. 15-19	Factors Affecting Reactions: Le Châtelier's Principle
4	Jan. 22-26	Colorimetric determination of an Equilibrium Constant (Full lab report due for this experiment)
5	Jan. 29-Feb. 2	Standardization of Acids and Bases
6	Feb. 5-9	Weak acid titrations
7	Feb. 12-16	Solubility Product Constants (Full lab report due for this experiment)
8	Feb. 19-23	Reaction Kinetics
9	Feb. 26-Mar. 2	Student Designed Experiment I (Full lab report due for this experiment)
10	Mar. 5-Mar. 9	Student Designed Experiment II (Full lab report due for this experiment)