

CHEM 1240
GENERAL CHEMISTRY I LABORATORY
Fall, 2016

Instructor: Prof. Todd A. Wells
SGM 130
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Section	Room	Day	Time	T.A.	Email
1	Olin 225	Mon.	2:00 - 4:50 pm	Ben Swanson	Benjamin.Swanson@du.edu,
2	Olin 235	Mon.	2:00 - 4:50 pm	Nicole Toro	Nicole.Toro@du.edu
3	Olin 225	Mon.	6:00 - 8:50 pm	Michael Holden	Michael.Holden@du.edu
4	Olin 235	Mon.	6:00 - 8:50 pm	Nicole Toro	Nicole.Toro@du.edu
5	Olin 225	Tues.	2:00 - 4:50 pm	Ben Swanson	Benjamin.Swanson@du.edu,
6	Olin 235	Tues.	2:00 - 4:50 pm	Anarkali Mahmood	Anarkali.Mahmood@du.edu
7	Olin 225	Tues.	6:00 - 8:50 pm	Bulat Khaliullin	Bulat.Khaliullin@du.edu
8	Olin 235	Tues.	6:00 - 8:50 pm	Michael Holden	Michael.Holden@du.edu
9	Olin 225	Wed.	2:00 - 4:50 pm	Richard Ayikpoe	Richard.Ayikpoe@du.edu
10	Olin 235	Wed.	2:00 - 4:50 pm	Martin Aguilar	Martin.Aguilar@du.edu
11	Olin 225	Wed.	6:00 - 8:50 pm	Thacien.NgendaHimana	Thacien.NgendaHimana@du.edu
12	Olin 235	Wed.	6:00 - 8:50 pm	Bulat Khaliullin	Bulat.Khaliullin@du.edu
13	Olin 225	Thur.	2:00 - 4:50 pm	Anarkali Mahmood	Anarkali.Mahmood@du.edu
14	Olin 235	Thur.	2:00 - 4:50 pm	Martin Aguilar	Martin.Aguilar@du.edu
15	Olin 225	Tues.	8:00 - 10:50 am	Emily Hager	Emily.Hager@du.edu
16	Olin 235	Thur.	6:00 - 8:50 pm	Emily Hager	Emily.Hager@du.edu
17	Olin 222	Thur.	6:00 - 8:50 pm	Ana Franklin	Ana.Franklin@du.edu
18	Olin 222	Thur.	2:00 - 4:50 pm	Rachel Marini	Rachel.York@du.edu
19	Olin 222	Wed.	6:00 - 8:50 pm	Ana Franklin	Ana.Franklin@du.edu
20	Olin 222	Tues.	6:00 - 8:50 pm	Thacien.NgendaHimana	Thacien.NgendaHimana@du.edu
21	Olin 222	Mon.	6:00 - 8:50 pm	Richard Ayikpoe	Richard.Ayikpoe@du.edu
22	Olin 222	Thur.	2:00 - 4:50 pm	Rachel Marini	Rachel.York@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.

Prelabs: There are prelab assignments with each lab, to be done **before** coming to lab each week. Write your answers to these prelab assignments in your lab notebook. As part of the prelab each week you are required to write the procedure for that weeks experiment in your laboratory notebook along with any safety guidelines and potential hazards given. Your Teaching Assistant will collect it before you begin the experiment. If your prelab is not complete, you will not be allowed to begin the experiment. THIS REQUIREMENT IS NOT FLEXIBLE. IT IS FOR YOUR PROTECTION AND THE OTHER STUDENTS IN THE COURSE. You must come to lab prepared and informed.

Grading:	Pre-labs (20 pts each)	140
	Quizzes (20 pts each)	160
	Lab Worksheets (80 pts each)	560
	Lab Reports (100 pts each)	100
	Notebooks (5 pts each week)	40
	Total	1000

EXPERIMENT SCHEDULE (subject to change with appropriate notice)

WEEK	DATES	EXPERIMENT
1	Sept. 12-16	Safety Lecture
2	Sept. 19-23	Checkin/"seeing" things too small to see
3	Sept. 26-30	Light and the Structure of the Atom
4	Oct. 3-7	Periodic Trends
5	Oct. 10-14	Exploring molecular geometry and polarity
6	Oct. 17-21	What's in a name...a look at chemical formulas
7	Oct. 24-28	Water water everywhere...chemistry in solution
8	Oct. 31-Nov. 4	On the lighter side of chemistry...gases
9	Nov. 7-11	Enthalpy of Neutralization
10	Nov. 14-18	Checkout

