

CH 101/105, FALL SEMESTER, 2015: LABORATORY SCHEDULE

There is one three-hour laboratory each week. Lab sessions are in SCI 268 on Monday - Friday. **The first laboratory session is on Monday, September 14.** There will also be a laboratory lecture on Wednesday at 3-4pm at STO B50, Thursday at 11am-12noon in SMG 105 and Friday at 2-3pm in SMG 105. **Pre-lab lectures start second week of the semester, on Wednesday, September 9.** Most reports are due one week after the completion of the lab work. For more details see the schedule of the labs given below. The lab with the lowest score (or a missed lab) will be dropped.

Week #	DATES	LAB LECTURE	LAB EXPERIMENT	Due date and the format of the lab report.
1	9/2 – 4	No lab lectures	No labs	-----
2	9/7 – 11	Lab lecture #1: exp. #1	No labs	-----
3	9/14 – 18	Lab lecture #2: exp. #2	Exp. #1: Measurement of atom and molecules in solids, liquid and gases.	Full report is due in a week in the lab
4	9/21 – 25	Lab lecture #3: exp. #3	Exp. #2: Chemical composition of inorganic salts.	Full report is due in a week in the lab
5	9/28 – 10/2	Lab lecture #4: exp. #4, part1	Exp. #3: Preparation of solutions.	Brief report is due in a week in the lab
6	10/5 – 9	Lab lecture #4: exp. #4, part 2	Exp #4: Qualitative analysis. Part 1.	Bring data tables 1-5, pages 107, 108 and flow chart for five ion separation ready for submission at your next lab class (10/19-23).
7	10/12 – 16	No lab lectures	No labs in SCI 268 (Monday is a holiday)	
8	10/19 – 23	Lab lecture #5: exp. #5, part. 1	Exp. #4: Qualitative analysis, Part 2	Brief lab report on exp. #4 is due at the end of the lab class
9	10/26 – 30	Lab lecture #5: exp. #5, part. 2	Exp. #5: Thermochemistry, part 1: Calorimetry.	-----
10	11/2 – 6	Lab lecture #6: Workshop on Spectroscopy and Energy of light.	Exp. #5: Thermochemistry, part 2: Hess's law	One brief lab report on both parts of exp. #5 is due in a week in the lab class
11	11/9 – 13	Lab lecture #7: exp. #7	Lab assignment #6: In lab post-test on Workshop "Spectroscopy and Energy of light". Bring a calculator to the post-test.	Brief report #5 and #6 (workshop and post-test) are due at the post-rest in the lab
12	11/16 – 20	No lab lecture	Lab exp. #7: Lewis structure and molecular shapes.	Brief lab report on exp. #7 is due at the end of the lab class
13	11/23 – 27	No labs 11/23 -27. Fall Recess 11/25 – 29		
14	11/30 – 12/4	Lab exam review in all pre-labs	Make up labs in all lab sections	
15	12/7 – 11	Monday, December 7, 5:15-7pm: CH101 Lab exam		